PUBLIC REVIEW DRAFT

GE DEMOLITION – INTERNATIONAL BOULEVARD DRAFT ENVIRONMENTAL IMPACT REPORT TECHNICAL APPENDICES

STATE CLEARINGHOUSE NO. 2012072024

LSA

February 2017

PUBLIC REVIEW DRAFT

GE DEMOLITION – INTERNATIONAL BOULEVARD DRAFT ENVIRONMENTAL IMPACT REPORT TECHNICAL APPENDICES

STATE CLEARINGHOUSE NO. 2012072024

Submitted to:

City of Oakland
Department of Planning and Building, Bureau of Planning
250 Frank H. Ogawa Plaza, Second Floor
Oakland, CA 94612

Prepared by:

LSA Associates, Inc.
2215 Fifth Street
Berkeley, California 94710
510.540.7331

LSA

February 2017

PUBLIC REVIEW DRAFT

GE DEMOLITION - INTERNATIONAL BOULEVARD DRAFT ENVIRONMENTAL IMPACT REPORT

TECHNICAL APPENDICES

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APPENDIX A

NOTICE OF PREPARATION AND SCOPING COMMENTS

CITY OF OAKLAND

DALZIEL BUILDING • 250 FRANK H. OGAWA PLAZA, SUITE 2114 • OAKLAND, CALIFORNIA 94612-2031

Community and Economic Development Agency
Planning & Zoning Services Division

(510) 238-3911
FAX (510) 238-4730
TDD (510) 238-3254

NOTICE OF PREPARATION (NOP) OF A DRAFT ENVIRONMENTAL IMPACT REPORT (EIR) GENERAL ELECTRIC SITE DEMOLITION

The Oakland Planning and Zoning Division, is preparing a Draft Environmental Impact Report (EIR) for General Electric Site demolition at 5441 International Blvd. as identified below, and is requesting comments on the scope and content of the EIR. The EIR will address the potential physical, environmental effects for each of the environmental topics outlined in the California Environmental Quality Act (CEQA).

The City has prepared an Initial Study that identified areas of probable environmental effects. The Initial Study is available at the Planning Division office, City of Oakland, Community and Economic Development Agency, 250 Frank H. Ogawa Plaza, Suite 3315, Oakland, CA 94612. The Initial Study may also be reviewed at the following website:

http://www2.oaklandnet.com/Government/o/PBN/OurServices/Application/DOWD009157

The City of Oakland is the Lead Agency for the Project and is the public agency with the greatest responsibility for approving the Project or carrying it out. This notice is being sent to Responsible Agencies and other interested parties. Responsible Agencies are those public agencies, besides the City of Oakland, that also have a role in approving or carrying out the Project. When the Draft EIR is published, it will be sent to all Responsible Agencies and to others who otherwise indicate that they would like to receive a copy. Responses to this NOP and any questions or comments should be directed in writing to: Peterson Z. Vollmann, Planner III, City of Oakland, Community and Economic Development Agency, 250 Frank H. Ogawa Plaza, Suite 2114, Oakland, CA 94612; (510) 238-6167 (phone); (510) 238-4730 (fax); or e-mailed to pvollmann@oaklandnet.com. Comments on the NOP must be received at the above mailing or e-mail address **by 5:00 p.m. Monday, August 20, 2012**. Please reference case number ER11-0011 in all correspondence. In addition, comments may be provided at the EIR Scoping Meeting to be held before the City Planning Commission. Comments should focus on discussing possible impacts on the physical environment, ways in which potential adverse effects might be minimized, and alternatives to the project in light of the EIR's purpose to provide useful and accurate information about such factors.

PUBLIC HEARINGS: The City Planning Commission will conduct a public scoping hearing on the Draft EIR for the project on August 1, 2012, at 6:00 p.m. in Hearing Room 1, City Hall, 1 Frank H. Ogawa Plaza.

The Landmarks Preservation Advisory Board will conduct a public scoping session relating to the project's impacts on historic resources on August 13th, 2012, at 6:00 p.m. in Hearing Room 1, City Hall, 1 Frank H. Ogawa Plaza.

PROJECT TITLE: General Electric Site Demolition

PROJECT LOCATION: 5441 International Blvd., Assessor's Parcel Number 041-3848-001-00 (See Attached **Figure 1**)

PROJECT SPONSOR: The General Electric Company

EXISTING CONDITIONS: The General Electric Company (GE) Oakland Facility is located at 5441 International Boulevard, Oakland, California. The site consists of approximately 24 acres on International Boulevard, between 54th and 57th Avenues, and east of San Leandro Street. Building 1 on the site, which is among the buildings proposed for demolition, contains a historic rating of A1+ and is therefore a CEQA historic resource.

PROJECT DESCRIPTION: GE has proposed to demolish the existing buildings on the site. An application for demolition of the eight existing buildings on the property was submitted to the City of Oakland Building Services on July 30, 2010 and permits were issued on January 3, 2011, contingent upon environmental review. The proposed demolition does not include foundations or any other elements that would require excavation; the demolition will consist of removing above ground features such as walls and appurtenances. It is anticipated the demolition will take approximately 4 months to complete and an estimated total of 200 truckloads of material will be removed from the site over the project duration. Demolition debris impacted with hazardous constituents will be appropriately disposed of. There are currently no plans for redeveloping the site following demolition. Therefore, the site shall remain vacant in the interim.

PROBABLE ENVIRONMENTAL EFFECTS:

The Initial Study screened out environmental factors that will not be further studied in the Draft EIR. These factors include: agricultural resources, air quality, noise, transportation and traffic, land use, mineral resources, population and housing, recreation, and utilities and service systems. The Draft EIR will address the potential environmental effects for cultural resources only. All other impacts would be mitigated to less than significant levels.

The Draft EIR will also examine a reasonable range of alternatives to the Project, including the CEQA-mandated No Project Alternative, and other potential alternatives that may be capable of reducing or avoiding potential environmental effects.

July 12, 2012
File Number Enter ER11-0011

Scott Miller
Interim Planning and Zoning Director
Department of Planning, Building, and
Neighborhood Preservation
Environmental Review Officer

Attachments: Figure 1 – Site Location

CITY OF OAKLAND

DALZIEL BUILDING • 250 FRANK H. OGAWA PLAZA, SUITE 2114 • OAKLAND, CALIFORNIA 94612-2031

Community and Economic Development Agency
Planning & Zoning Services Division

(510) 238-3911
FAX (510) 238-4730
TDD (510) 238-3254

REVISED NOTICE OF PREPARATION (NOP) OF A DRAFT ENVIRONMENTAL IMPACT REPORT (EIR) GENERAL ELECTRIC SITE DEMOLITION
EXTENSION OF COMMENT PERIOD

The Oakland Planning and Zoning Division, is preparing a Draft Environmental Impact Report (EIR) for General Electric Site demolition at 5441 International Blvd. as identified below, and is requesting comments on the scope and content of the EIR. The EIR will address the potential physical, environmental effects for each of the environmental topics outlined in the California Environmental Quality Act (CEQA).

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http://www2.oaklandnet.com/Government/o/PBN/OurServices/Application/DOWD009157

The City of Oakland is the Lead Agency for the Project and is the public agency with the greatest responsibility for approving the Project or carrying it out. A notice of preparation (NOP) for the EIR was published on July 12, 2012, and notified interested parties that the deadline for submitting comments on the NOP was August 20, 2012. This notice is identical to the July 12, 2012 NOP, except that it notifies parties of a new public scoping meeting and extends the deadline for submitting comments on the NOP to August 31, 2012.

This notice is being sent to Responsible Agencies and other interested parties. Responsible Agencies are those public agencies, besides the City of Oakland, that also have a role in approving or carrying out the Project. When the Draft EIR is published, it will be sent to all Responsible Agencies and to others who otherwise indicate that they would like to receive a copy. Responses to this NOP and any questions or comments should be directed in writing to: Peterson Z. Vollmann, Planner III, City of Oakland, Community and Economic Development Agency, 250 Frank H. Ogawa Plaza, Suite 2114, Oakland, CA 94612; (510) 238-6167 (phone); (510) 238-4730 (fax); or e-mailed to pvollmann@oaklandnet.com. Comments on the NOP must be received at the above mailing or e-mail address **by 5:00 p.m. Monday, August 31, 2012**. Please reference case number ER11-0011 in all correspondence. In addition, comments may be provided at the EIR Scoping Meeting to be held before the City Planning Commission. Comments should focus on discussing possible impacts on the physical environment, ways in which potential adverse effects might be minimized, and alternatives to the project in light of the EIR's purpose to provide useful and accurate information about such factors.

PUBLIC HEARINGS: The Landmarks Preservation Advisory Board will conduct a public scoping session relating to the project's impacts on historic resources on August 13th, 2012, at 6:00 p.m. in Hearing Room 1, City Hall, 1 Frank H. Ogawa Plaza.

The City Planning Commission will conduct a public scoping hearing on the Draft EIR for the project on **August 29, 2012,** at 6:00 p.m. in Hearing Room 1, City Hall, 1 Frank H. Ogawa Plaza.

PROJECT TITLE: General Electric Site Demolition

PROJECT LOCATION: 5441 International Blvd., Assessor's Parcel Number 041-3848-001-00 (See Attached **Figure 1**)

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PROJECT DESCRIPTION: GE has proposed to demolish the existing buildings on the site. An application for demolition of the eight existing buildings on the property was submitted to the City of Oakland Building Services on July 30, 2010 and permits were issued on January 3, 2011, contingent upon environmental review. The proposed demolition does not include foundations or any other elements that would require excavation; the demolition will consist of removing above ground features such as walls and appurtenances. It is anticipated the demolition will take approximately 4 months to complete and an estimated total of 200 truckloads of material will be removed from the site over the project duration. Demolition debris impacted with hazardous constituents will be appropriately disposed of. There are currently no plans for redeveloping the site following demolition. Therefore, the site shall remain vacant in the interim.

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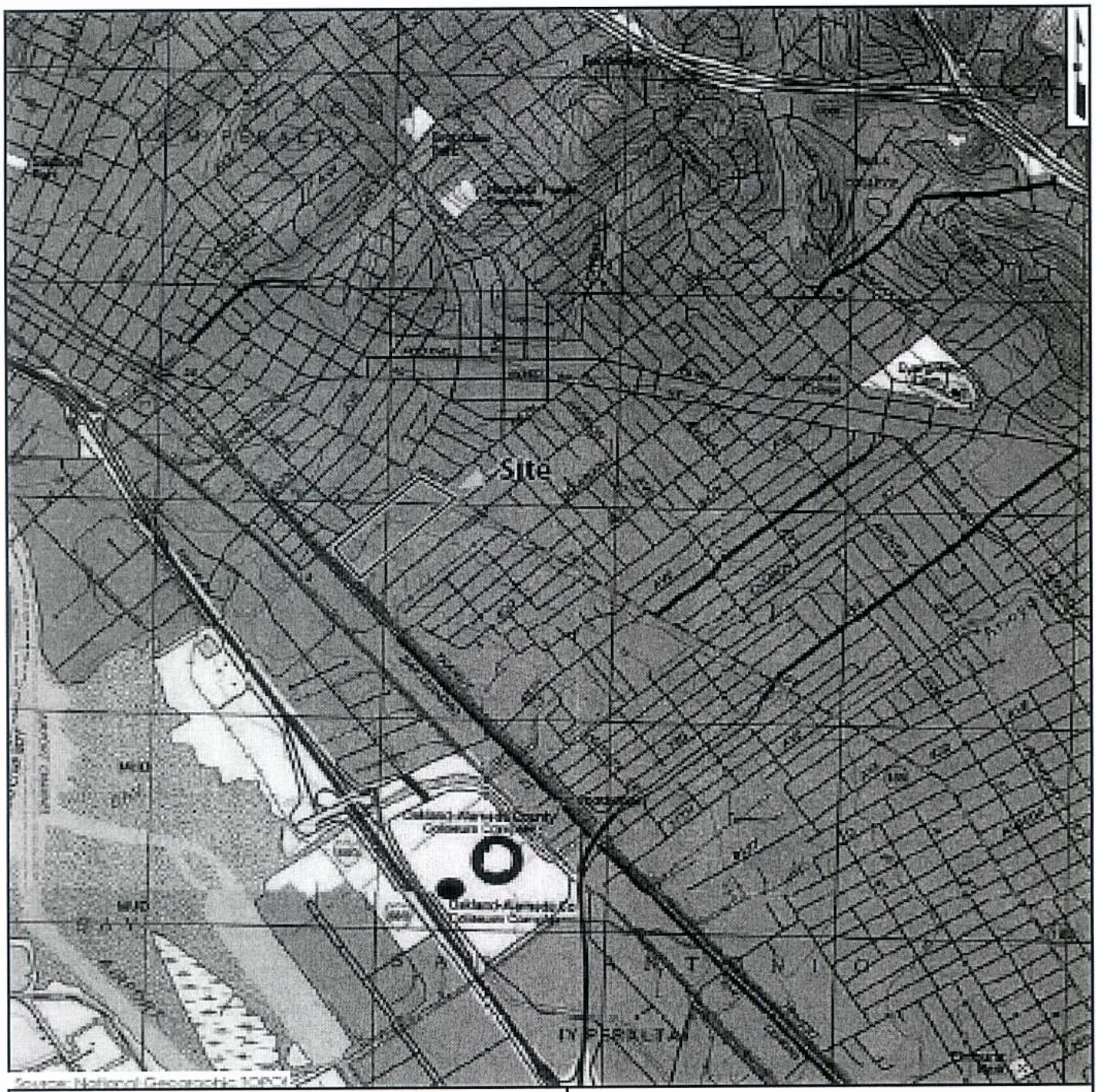
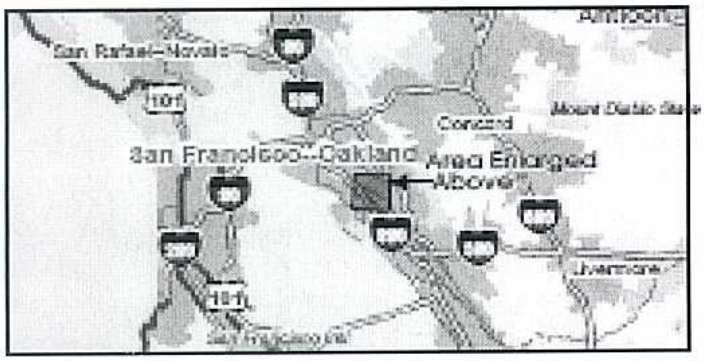
The Draft EIR will also examine a reasonable range of alternatives to the Project, including the CEQA-mandated No Project Alternative, and other potential alternatives that may be capable of reducing or avoiding potential environmental effects.

July 23, 2012
File Number Enter ER11-0011

Scott Miller
Interim Planning and Zoning Director
Department of Planning, Building, and
Neighborhood Preservation
Environmental Review Officer

Attachments: Figure 1 – Site Location





2,000 1,000 0 2,000 Feet

Site Location

5441 International Boulevard
Oakland, California

Geosyntec consultants

San Diego | June 2012

Figure 1

GE Demolition – International Boulevard
Landmarks Preservation Advisory Board Scoping Meeting
August 13, 2012

Joann Pavlinec, Secretary to the Landmarks Preservation Advisory Board, begins by summarizing the Initial Study:

- Describes impacted media
- Discussion between board members; confusion of whether Building 1 or 2 was original radio station

First speaker, Richard Neveln:

- Reviews past property acquisition and development in 1920s
- Describes eight buildings on site
- Proposes that at least a portion of Building 1 should be preserved as a landmark of radio on the west coast
- Questions whether site should be demolished before having any planned use after demolition

Naomi Schiff:

- Provides previous examples of paint encapsulation and re-use
- Focuses attention of preservation to Building 1
- Asks for more alternatives in EIR

Comment period from the Board:

- John Goins- asks for more comprehensive history of building
- Christopher Andrews- asks for a Geosyntec representative to be present, someone speak out
- Valerie Garry- would like to see more mitigation alternatives in EIR
- Marie MacDonald- Speaks of "irremediable toxicity," she would like to have it and the idea of encapsulation both explored in greater detail. She would also like the EIR to review the historical significance of the original building in greater detail. Also reiterates that it is rated an A1+ building.
- Thomas Biggs- asks where PCBs were detected
- Robert Hines- Attorney who has been working with GE. Also asks for more detail about historical significance from EIR. Explains that most feasible option was demolition.
- Thomas Biggs- asks for building specific evaluation in EIR
- Richard Neveln - Explains that Building 1 was an office building, asks for separation from back portion of building in which solvents were historically used.
- Daniel Schulman- Asks that delineation of building usage is clarified in EIR. Illustrates confusion of building usage from showing conflicting historical reports. Also asks for building specific contamination report. Would like an "aesthetically pleasing concrete slab".
- Valerie Garry- Asks if demolition of a historic resource is truly the only option. Asks for consideration of other options. Says that since Building 1 was in use up the 90's and there were no reported health effects, that there are alternatives to demolition.
- Joann Pavlinec- describes the statute that allows for the demolition of a historical structure that proposes a hazard to human health

Motion that comments be forwarded to the planning commission for recommendations to EIR. Discussion closed to public, motion passes. Mary Macdonald requests that a summary of the comments be made and submitted to the Planning Commission.

GE Demolition – International Boulevard
Oakland Planning Commission Scoping Meeting
August 29, 2012

Peterson Vollmann, City of Oakland, Planner III:
- Demolition of all buildings, one is rated A1+
- Introduces comments from the Landmarks Board
- Summarizes some of the comments and content of the Initial Study

Richard Neveln:
- Worked as security guard on site
- Describes the current state of maintenance of the buildings
- Would like to see a museum and performance center in Building 1

Teo Mathews:
- Explains that GE's statements about the buildings are "not true"
- "less hazardous to re-use these old properties"

Robert Hines:
- Explains that Building 1 is the one with cultural resources, explains draft EIR
- Speaks of feasibility of remediation as opposed to demolition
- Explains DTSC approved Remedial Action Plan, capping, limited to commercial and industrial
- Describes how the client, GE, has been maintaining the property

Naomi Schiff, Oakland Heritage Alliance:
- Concerned about heat sync properties of asphalt cap
- Speaks of a motivation to establish identity of the City of Oakland
- Cannot recall the recent demolition of an A1 structure
- Mr. Vollmann reviews statute that explains that if a building is considered hazardous it can be demolished

Comment period turned to the Commission:
- Question asked about the foundation design of future buildings on the proposed cap
- Chris Pattillo- wants a study of "impact of the proposed cap"
- EIR should address specific history of radio broadcasts
- Explains when the public comment period expires

EAST BAY
MUNICIPAL UTILITY DISTRICT

August 17, 2012

RECEIVED
AUG 21 2012
City of Oakland
Planning & Zoning Division

Peterson Z. Vollmann, Planner III
City of Oakland
Community and Economic Development
250 Frank H. Ogawa Plaza, Suite 2114
Oakland, CA 94612

Re: Notice of Preparation of a Draft Environmental Impact Report for the General Electric Site Demolition, Oakland

Dear Mr. Vollmann:

East Bay Municipal Utility District (EBMUD) appreciates the opportunity to comment on the Notice of Preparation of a Draft Environmental Impact Report (EIR) for the General Electric Site Demolition Project located in the City of Oakland (City). EBMUD has the following comments.

WATER SERVICE

Although there are no current plans for redeveloping the site following demolition, please note that any future development project associated with the General Electric site will be subject to the following general requirements:

EBMUD's Central Pressure Zone, with a service elevation range between 0 and 100 feet, serves the project area. Main extensions that may be required to serve any specific development projects to provide adequate domestic water supply, fire flows, and system redundancy will be at the project sponsor's expense. Project sponsors should contact EBMUD's New Business Office and request a water service estimate to determine costs and conditions of providing water service to any future development. Engineering and installation of water mains and services require substantial lead-time, which should be provided for in the project sponsor's development schedule.

Please note that depending on the size and/or square footage, the lead agency for future development within the General Electric site should contact EBMUD to request a Water Supply Assessment (WSA) if the development meets the threshold of a WSA pursuant to Section 15155 of the California Environmental Quality Act Guidelines, and Section 10910-10915 of the California Water Code. EBMUD requires all project sponsors to provide future water demand data and estimates for developments for analysis of the WSA. Please be aware that the WSA can take up to 90 days to complete from the day on which the request is received.

Recycled Paper

The project sponsor should also be aware that EBMUD will not inspect, install or maintain pipeline in contaminated soil or groundwater (if groundwater is present at any time during the year at the depth piping is to be installed) that must be handled as a hazardous waste or that may pose a health and safety risk to construction or maintenance personnel wearing Level D personal protective equipment. Nor will EBMUD install piping in areas where groundwater contaminant concentrations exceed specified limits for discharge to sanitary sewer systems or sewage treatment plants. Applicants for EBMUD services requiring excavation in contaminated areas must submit copies of existing information regarding soil and groundwater quality within or adjacent to the project boundary. In addition, the applicant must provide a legally sufficient, complete and specific written remedial plan establishing the methodology, planning and design of all necessary systems for the removal, treatment, and disposal of all identified contaminated soil and/or groundwater.

EBMUD will not design the installation of pipelines until such time as soil and groundwater quality data and remediation plans are received and reviewed and will not install pipelines until remediation has been carried out and documentation of the effectiveness of the remediation has been received and reviewed. If no soil or groundwater quality data exists or the information supplied by the applicant is insufficient EBMUD may require the applicant to perform sampling and analysis to characterize the soil being excavated and groundwater that may be encountered during excavation or perform such sampling and analysis itself at the applicant's expense.

WASTEWATER SERVICE

EBMUD's Main Wastewater Treatment Plant (MWWTP) and interceptor system are anticipated to have adequate dry weather capacity to treat the proposed wastewater flows from this project, provided that the project and the wastewater generated by the project meet the requirements of the current EBMUD Wastewater Control Ordinance. However, wet weather flows are a concern. EBMUD has historically operated three Wet Weather Facilities to provide treatment for high wet weather flows that exceed the treatment capacity of the MWWTP. On January 14, 2009, due to Environmental Protection Agency's (EPA) and the State Water Resources Control Board's (SWRCB) re-interpretation of applicable law, the Regional Water Quality Control Board (RWQCB) issued an order prohibiting further discharges from EBMUD's Wet Weather Facilities. Additionally, on July 22, 2009 a Stipulated Order for Preliminary Relief issued by EPA, the SWRCB, and RWQCB became effective. This order requires EBMUD to begin work that will identify problem infiltration/inflow areas, begin to reduce infiltration/inflow through private sewer lateral improvements, and lay the groundwork for future efforts to eliminate discharges from the Wet Weather Facilities.

Currently, there is insufficient information to forecast how these changes will impact allowable wet weather flows in the individual collection system subbasins contributing to

the EBMUD wastewater system, including the subbasin in which the proposed project is located. As required by the Stipulated Order, EBMUD is conducting extensive flow monitoring and hydraulic modeling to determine the level of flow reductions that will be needed in order to comply with the new zero-discharge requirement at the Wet Weather Facilities. It is reasonable to assume that a new regional wet weather flow allocation process may occur in the East Bay, but the schedule for implementation of any new flow allocations has not yet been determined. In the meantime, it would be prudent for the lead agency to require the project applicant to incorporate the following measures into the proposed project: (1) replace or rehabilitate any existing sanitary sewer collection systems, including sewer lateral lines, to reduce infiltration/inflow and (2) ensure any new wastewater collection systems, including sewer lateral lines, for the project are constructed to prevent infiltration/inflow to the maximum extent feasible. Please include such provisions in the environmental documentation and other appropriate approvals for this project.

WATER RECYCLING

EBMUD's Policy 9.05 requires that customers use non-potable water, including recycled water, for non-domestic purposes when it is of adequate quality and quantity, available at reasonable cost, not detrimental to public health and not injurious to plant, fish and wildlife to offset demand on EBMUD's limited potable water supply. Appropriate recycled water uses could include landscape irrigation, commercial and industrial process uses, toilet and urinal flushing in non-residential buildings and other applications.

The project is located about four miles outside the service boundaries of any current or planned recycled water supply facilities and infrastructure within the Oakland area. EBMUD does not anticipate providing recycled water to any potential future project at this location: however, it is recommended that the City and project sponsors for individual projects within the project area continue to coordinate with EBMUD in the event that it is feasible to provide recycled water to this project in the future.

WATER CONSERVATION

Future development may present an opportunity to incorporate water conservation measures. EBMUD would request that the City include in its conditions of approval a requirement that future project sponsors must comply with the Landscape Water Conservation Section, Article 10 of Chapter 7 of the Oakland Municipal Code. Project sponsors for future development within the project area should be aware that Section 31 of EBMUD's Water Service Regulations requires that water service shall not be furnished for new or expanded service unless all the applicable water-efficiency measures described in the regulation are installed at the project sponsor's expense.

If you have any questions concerning this response, please contact David J. Rehnstrom, Senior Civil Engineer, Water Service Planning, at (510) 287-1365.

Sincerely,

William R. Kirkpatrick
Manager of Water Distribution Planning

WRK:ELE:sb
sb12_168.doc

cc: Jim Cox
Geosyntec Consultants
10875 Rancho Bernardo Road, Suite 200
San Diego, CA 92127

ALAMEDA County Transportation Commission
1333 Broadway, Suites 220 & 300 ▪ Oakland, CA 94612 ▪ PH: (510) 208-7400
www.AlamedaCTC.org

RECEIVED
AUG 22 2012
City of Oakland
Planning & Zoning Division

August 17, 2012

Peterson Z. Vollmann
Planner III
City of Oakland
Community and Economic Development Agency
250 Frank H. Ogawa Plaza, Suite 2114
Oakland, CA 94612
pvollmann@oaklandnet.com

SUBJECT: Response to a Revised Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the General Electric Site Demolition in the City of Oakland (ER11-0011)

Dear Mr. Vollmann:

Thank you for the opportunity to comment on the revised Notice of Preparation (NOP) for a Draft Environmental Impact Report (DEIR) for the General Electric Site Demolition project in the City of Oakland. The project is located on at 5441 International Boulevard and consists of approximately 24 acres. The site is bounded by International Boulevard, 54th and 57th Streets and east of San Leandro Street.

We have no comments because the project would not generate 100 or more P.M. peak hour trips above existing conditions, which would require compliance with the Land Use Analysis Program of the Congestion Management Program (CMP). The project is, therefore, exempt from the Land Use Analysis Program of the CMP.

Please let me know if you have any other questions. I can be reached at (510) 208-7405.

Sincerely,

Beth Walukas
Deputy Director of Planning

cc: File: CMP – Environmental Review Opinions – Responses - 2012

Vollmann, Peterson

From: Naomi Schiff [naomi@17th.com]
Sent: Friday, August 31, 2012 7:19 PM
To: Vollmann, Peterson
Cc: Pavlinec, Joann; Rachel Force; CBuckley Buckley
Subject: GE EIR Scoping 5441 International Blvd.
Attachments: OHA-Aug31-2012-GE-5441-Int'l Bl.pdf; ATT1413406.htm

Dear Pete,

We (Oakland Heritage Alliance) are a little late in submitting our comments, which mostly reiterate verbal statements, but which we hope may be useful. We request that you accept this OHA letter on the scoping for the GE International Boulevard.

OAKLAND
HERITAGE
ALLIANCE

August 31, 2012
Peterson Z. Vollman
City of Oakland Planning Department
Submitted electronically
Re: 5441 International Boulevard, ER11-0011

Dear Mr. Vollman

Oakland Heritage Alliance has reviewed the materials about the GE site at 5441 International Boulevard, with the exception of some supporting documents we are still trying to obtain.

Overall, we believe that the EIR should look at this A1+rated historic resource with a view to its preservation and reuse. Please incorporate the following into the EIR:

1. A detailed description of the type and exact locations of toxic materials within each building and methods other than demolition to address this contamination, rather than a simple assertion that demolition is the only path. We will be happy to discuss these issues with GE and with DTSC or any other regulatory body, in an effort to assist in coming up with a good plan for the site.

2. A thorough and robust look at several alternatives, including
- preservation of all historic structures;
- preservation of all of Building 1;
- preservation of a portion of Building 1

3. The potential for adaptive reuse must be considered as part of these alternatives, with reference to adaptive reuse of similar structures, such as the Durant Square project at International Boulevard and Durant Avenue, and the Ford Motor plant in Richmond.

4. The alternatives should also take into consideration the potential incentives for historic restoration as provided under the federal historic preservation tax incentives program, the federal housing tax credit, the California state historic building code, and the state Mills Act program as implemented in Oakland.

5. Thorough investigation of historic structures, events that occurred there, cultural significance of both the radio broadcasting and other periods, and importance to community of the employment of local residents at the site.

6. Environmental impacts of proposed changes to the site should be studied as well as remaining contamination issues not related to the buildings, e.g. soil and ground water contamination. What is going to happen to the neighborhood if the site becomes an asphalt lot surrounded by weeds? What provisions are being made to keep it from radiating heat, attracting litter, providing a haven

446 17th Street, Suite 301, Oakland, California 94612 • (510) 763-9218 • info@oaklandheritage.org
Web Site: www.oaklandheritage.org

for unsavory activities, and making a large barren area along a key transportation corridor? If, on the other hand, the site is proposed for some type of development, what is the plan?

7. In the event that full preservation cannot be achieved (though we believe that it can), a full and robust program of mitigation should be required if there is to be any demolition of historic structures. These mitigations should include, but must not be limited to documentation and commemorative signage. For loss of a highly significant historic resource, mitigations should be meaningful. Mitigations will not make up for the loss of important resources, but could include such measures as contributions to historic preservation efforts by the city of Oakland; scholarly research; oral interviewing; cataloging and proper archiving of resource material and publications; assembly, archiving, and public access to photographic and other historic records; covering GE history, broadcasting history, and the history of East Oakland's contribution as a key industrial area. The preferred mitigation, however, is retention of the cultural resources.

8. Potential impact of the site as a vacant lot: While we understand that some of the issues on this 26-acre site are subject to the oversight of DTSC or other government bodies, it does not escape our notice that the property if it remains as a vacant lot with the buildings gone has the potential to blight the neighborhood for a long period, and that its surroundings are permanently affected by past GE operations. The EIR must address this scenario. We see in this project a potential for GE to make things better, to get credibility and respect for its fair handling of its industrial legacy and to honor its long relationship with the people of Oakland.

9. Future plans for the site must be incorporated into and studied under this EIR. Without doing so, there will be no way to evaluate the options presented in the environmental study. GE should be preparing a long-term plan and it should be part of the studied project.

With its long history in the East Bay, we feel certain that GE can achieve a good outcome in this important part of Oakland. We look forward to improvements at the site, to reduced toxicity for its neighbors, and to a successful reuse of the historic structures.

We would like to request an opportunity to discuss the potential alternatives to be studied, with the staff and with GE representatives, before this EIR gets too far along. Please contact our office at 510-763-9218 info@oaklandheritage.org or Naomi Schiff, 510-835-1717 naomi@17th.com.

Thank you,

Sincerely,

Rachel Force, President

Naomi Schiff, Preservation Committee

Vollmann, Peterson

From: Richard Neveln [richneveln2000@yahoo.com]
Sent: Thursday, August 11, 2011 12:33 PM
To: jsoto@dtsc.ca.gov
Cc: Vollmann, Peterson
Subject: GE Project Historic Resources
Attachments: Combined KGO.pspimage

Dear Jacinto Soto,

I am very familiar with the 24 acre site at 5441 International Blvd., Oakland. I only recently became aware of the recent documents for demolition of the buildings. It disturbed me that there was no mention in specific terms of the radio station building, called the "Studio Building", at that site. It was one of the first radio stations on the West Coast if not the first, KGO radio. It is not the Whole building one, just the front section.

To make access you can type "kgo radio 1924 building" and I think it comes up as part of the radio museum folks.

There is also a concrete pad at the back of the property where the tall antena was mounted. I have no idea if that has any significance at all.

I am sure nearly everyone knows about this historic resource, but for their own reasons are avoiding disclosure. I will copy the CEQA person mentioned in the paperwork.

Richard Neveln
Alameda Resident
Member of WOCAG dealing with the former Oakland Army Base property.

cc. Peterson Z. Vollmann

Vollmann, Peterson

From: Richard Neveln [richneveln2000@yahoo.com]
Sent: Thursday, August 30, 2012 4:33 PM
To: Vollmann, Peterson
Cc: Naomi@17th.com
Subject: GE 5441 site EIR Consideration

Dear Planner

Alternatives to reduce landfill from the project need to be considered.
The buildings are not in dis-repair.
Buildings 18, 20 and 21 are "Buttler" type bolt together steel buildings. These three are in a clear area along side Building #1 and the main drive through the property.

De-construction should be the alternative of preference.

Alternatively these buildings could be sold as-is for reconstruction at another site, with a low cost sale contingent on quick removal to benefit GE.

Building #4 is of the same type, close to the 54th Avenue side ot the property, with residential property abutting the very neaar fence line. This building has major lighting for the site, as do buildings #1 &#2, and special treatment, relocation, and adjustment is necessary PRIOR to building removal and/or deconstruction.

Building #17 is an odd looking ramada, having nearly no walls. It is a large roofed area wherein the roof is supported by a matrix of "utility poles". Deconstruction seems the best to recover the resources of the many large wooden poles, and minimize solid waste transfered to landfill.

I hope these process considerations, and associated costs, are addressed by the preliminary draft of the EIR.

Sincerely,

Richard Neveln

Vollmann, Peterson

From: Richard Neveln [richneveln2000@yahoo.com]
Sent: Thursday, August 30, 2012 4:47 PM
To: Vollmann, Peterson
Cc: Naomi@17th.com; spr@earthlink.com
Subject: Neveln Letter 10Aug on GE Site

Ref: 5441 Int'n'l. Blvd.
Dear Friends, 10 Aug 2012

The purpose of this letter is to demonstrate that there is great interest in preserving the historic building in East Oakland at 5441 International Blvd, the former GE transformer factory and beginning home to KGO radio.

It is almost ironic that a magazine had as the cover picture in July of this year the very building (the Studio Building) that is Item 2 on the August 13th Agenda.

My reason for this message with all its attachments is to propose a compromise. The benefit for Oakland, the community, and GE could be HUGE.

Several steps are involved, but here is my vision:

A roughly square 1.5 acre chunk of property in the corner, about 240 feet on a side, is made a separate piece of property, zoned for a museum, and sold to the City of Oakland for One Dollar.

This would then involve cutting the main assembly hall of Building One in "half".

The City and GE would enter into a MOU to assist in the development of the museum and the facilitated deconstruction of the other buildings at the site, and assist in promotion of development of the remaining 22+ acres of the site.

KGO radio should also be a party to this process.

I see a museum that would showcase GE work and workers at the site and radio development, transmitters and GE receiving sets. One of the restored studios would be used for recreation of old-time radio plays. There are already groups in the area that put on "dramatic radio plays" as "live radio".

This area could be a community icon, and anchor for a mixed use development on the site, with, in my mind, ideally senior housing on some upper floors of a large community center with a grassy and tree filled park in the back.

HOPING FOR A WORTHWHILE COMPROMISE;

Sincerely,

Richard Neveln

Vollmann, Peterson

From: Richard Neveln [richneveln2000@yahoo.com]
Sent: Thursday, August 30, 2012 6:05 PM
To: Vollmann, Peterson
Subject: Fw: GE Care taking issues @ 5441Intnl.one
Attachments: DSCN0701.JPG

Doing one by one attachment this is one.

----- Forwarded Message -----
From: Richard Neveln <richneveln2000@yahoo.com>
To: "pvollmann@oaklandnet.com" <pvollmann@oaklandnet.com>
Cc: "Naomi@17th.com" <Naomi@17th.com>; "spr@earthlink.com" <spr@earthlink.com>
Sent: Thursday, August 30, 2012 5:50 PM
Subject: GE Care taking issues @ 5441Intnl.

This is being written 30 Aug 2012

The purpose of this letter is to provide the copies of photos that were passed around during the planning board meeting of 29 Aug 2012, relative to the GE site at 5441 International Blvd.

Poor steward ship of the property was stated by the Geosyntec rep with the stating that vegitation cleanup was done twice a year. The weeds grow much faster that that. A week before the Landmarks board the front lot of the property was mowed and cleaned up. This made the place look good to investigation by anyone driving by the site. However, the remaining weed covered 90% went untouched. Most of the area has weeds about two feet high at this time. Fenel, a very fast growing weed, along the fence lines has reached six to eight feet height in some spots.

Pics are 0701 = Rear area of the site, 0702=12th St Gate area, 0703=rear of Bldg #2 with (large grafitti that has not been painted over in four or five iterations of vandal painting over each other's stuff, about a year), 0704=rear of Bldg #17 (same vandal neglect), 0705=along side of bldg #1

Broken glass bldg #1=0707 Small holes maid by environmental cleaning people and never patched, 0708= second floor Big hole also made by the envirionemtal cleaners who tore up the inside of bldg #1.
Hope this helps show that GE and Geosyntec have been less than diligent in attending to the needs of this site for the historic resource and the community needs to avoid blight. TheEIR should address correcting these continuing problems.
Sincerely, Richard Neveln

08.27.2012 07:12

08.27.2012 07:13

08.27.2012 07:16

08.27.2012 07:21

08.27.2012 07:22

08.27.2012 07:20

08.27.2012 07:30

Vollmann, Peterson

From: Richard Neveln [richneveln2000@yahoo.com]
Sent: Thursday, August 30, 2012 6:58 PM
To: Vollmann, Peterson
Cc: Naomi@17th.com; spr@earthlink.com
Subject: GE 5441 Studio Building
Attachments: DSCN0706.JPG; DSCN0724.JPG

The Building One is the building that indeed was used as the Studio for KGO radio. It was given special building consideration and extra fine interior treatment that would not have been given to an office area for a factory.

The two attachments show this clearly and can be verified by on-site inspection.

0724=Picture of the second deck interior of the studio building. The flooring is the classic high-end hardwood narrow strips of wood to create a floor with an

The second picture is of the brickwork where the high quality bricks and perfect square and plumb surfaces meet the elegant look.brick work of the main factory.

Please note the uneven mortar lines which are filled to the easily struck off surface of the bricks. The bricks on the factory side appear tobe of a lesser quality, or even used bricks.

The studio brick work has every brick a perfect brick in shape, edges and color.

The mortar of the studio building shows the superior compressed mortar an the perfectly even strike off of the sub-surface mortar.

The Studio Building had the best craftsmen doing the brickwork in the 1920's.

The main factory brick work looks as if it were built as a depression era project, my guess around 1932.

The Studio Building was built in 1923 as the square two story structure, with the addition of the two wings of one story added in the 1925-1927 period, as the popilarity and business for the station grew faster than expected. Thesee are the additions commonly mentioned and not the factory.

Some consultation with one or more of the several bookd on KGO radio could add enlightenment as to the detail of early process, building, and the growlth of radio broadcasting itself, having what is an unlikely start in Oakland

This research should cite authorative sources in the EIR for "Opinions" about the structures origination and uses.

Perhaps GE's smartest position would be to cede the historic Building and a front area Parking lot to the City of Oakland, in exchange for an MOU on building a GE-KGO Museum within Building One, as a joint partnership. this is my hope.

Sincerely,
Richard Neveln

Vollmann, Peterson

From: Richard Neveln [richneveln2000@yahoo.com]
Sent: Thursday, August 30, 2012 6:17 PM
To: Vollmann, Peterson
Subject: Fw: GE Care taking issues @ 5441Intnl.Four
Attachments: DSCN0707.JPG; DSCN0708.JPG

This is the pics about holes.

----- Forwarded Message -----
From: Richard Neveln <richneveln2000@yahoo.com>
To: "pvollmann@oaklandnet.com" <pvollmann@oaklandnet.com>
Cc: "Naomi@17th.com" <Naomi@17th.com>; "spr@earthlink.com" <spr@earthlink.com>
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Sincerely, Richard Neveln

MEMORANDUM

TO: Members of the Planning Commission
Peterson Z. Vollmann, Case Planner

FROM: Landmarks Preservation Advisory Board
Joann Pavlinec, Secretary

SUBJECT: **LPAB Advisory Comments – August 13, 2012 Scoping Session - Notice of Preparation of an EIR for General Electric Site Demolition - 5441 International Blvd.**

DATE: August 29, 2012

At a Landmarks Preservation Advisory Board (LPAB, Board) regular meeting on August 13, 2012, the Board was requested to comment on the scope of the Draft Environmental Impact Report (DEIR) for the General Electric Site Demolition at 5441 International Blvd. The Board unanimously voted that their comments be forwarded to the Planning Commission and included in the scoping process. The Board was directed to 'provide comments on what types of information and analysis, including alternatives, should be considered in the EIR.' Based on the meeting's Draft Minutes, the Board directed that the following information should be included and analyzed, and various alternatives studied.

1) **The DEIR should clarify which building at the site housed the original radio station and provide history and significance of the site as radio station. Indicate the building's footprint and location on the site plan. Recommend that Mitigations include an interpretive exhibit on the history and importance of radio in America and Oakland's central place in the story.**
The Initial Study is inadequate in not mentioning that the KGO radio station was at the site and not recognizing the history of radio on the west coast and this site. This should be part of the DEIR in order to better understand appropriate mitigations for demolition, if demolition does occur. The DEIR needs to site where the radio station was located on the site. It might have been in building #1, but this is not yet clear in the research conducted, to date. The DEIR should be definitive in what is at the site now and what was in existence in history and the importance thereof. This is not addressed in any of the materials. Include the information provided in *Monitoring Times, A Publication of Grove Enterprises,* Volume 31, No. 7, July 2012 (attached).

2) **The DEIR should provide alternatives that study retention of individual Potential Designated Historic buildings and contributors to the historic API, minimally including building #1 and the front portion of building #1.**
Minimally, the portion of the building that was offices/studio/radio station should be studied and considered for retention. It is the City's policy [General Plan, Historic Preservation Element (HPE) Policy 3.12] to find ways to remedy problems with unsafe, deteriorated, abandoned, and/or code violation buildings, rather than demolition.

   Building #1 has an A1+ rating and is on the Local Register of Historical Resources. The DEIR should discuss this policy (Policy 3.12) and investigate potential ways to retain the building(s). The Initial Study only discusses demolition. One of the HPE's Action steps is to preliminarily determine the property's feasibility for rehabilitation (the term feasible/infeasible should be clearly defined in the DEIR).

   If reuse/rehabilitation has been researched, and is analyzed in any report, include the report and summarize the findings in the DEIR. If it has not, alternatives that include retention of the building(s) or a portion of building #1 should be studied. Also, include discussion of any covenants that would preclude a potential reuse of a building(s) or a portion of a building.

3) **The DEIR should explore and document in more depth the alleged toxicity or irremediable toxicity of the site.**
There are many sites in the United States where the remedy has included encapsulating the toxic material and successfully reusing the site for another use. Oakland sites that have used encapsulation or remediation to allow adaptive reuse include Durant Square and the Mazda building at 1600 Campbell Street.

   Additionally, building #1 was in use, according to the OCHS, until the mid 1990s, and yet there is apparently no record of any health problems. If there are contaminants in the building, complaints/reports would have shown up. Understandably a nursery school would not be an appropriate use, but it seems that there could be potential uses and/or partial preservation alternatives.

4) **The DEIR should investigate and analyze ways that contaminants could be sealed, encapsulated or removed to the degree that building users would be protected.**
Can the building be remediated in some way against any potential contamination? Include real and feasible alternatives (the term feasible/infeasible should be clearly defined in the DEIR).

5) **The DEIR should specify the contaminants and where they are located, in detail.**
Where are the contaminants in the buildings? Is the contamination at the same level throughout the site and all buildings? Or perhaps the offices have less contamination and are easier to remediate and reuse, as this area has the greatest prospect for reuse of a potential Landmark. Discuss the level of contamination in detail, building by building, and portions of buildings.

6) **The DEIR should disclose if there are any covenants on the property, and if so any restrictions imposed by any covenant.**
Can the property be subdivided? Are there any restrictions on what could be built on the site?

7) **The DEIR should include a summary of any remediation already done at the site. Include all of the reports referenced on page 16 of the Final Initial Study.**
It was stated that some cleanup has been conducted on the interior of building #1 – where and to what level? What other areas/buildings have been remediated?

8) **The DEIR should discuss the severity of the proposed remediation, which appears out of scale with the level of contamination.**

9) **The DEIR should study design alternatives and mitigations, other than a concrete cap, at area(s) of the site where buildings cannot be retained and reused.**
If the site is capped in concrete, there would be an extensive field of concrete adjacent to existing residential development. Sustainably, this would create an enormous heat sink, and a potential negative adverse impact to air quality and hydrology and water quality.

Additionally, there are aesthetic adverse impacts to the neighborhood, potentially including glare, unless mitigated. There is the potential for many types of slabs, including a more aesthetically pleasing slab with respect to color, texture, pattern, etc. Suggest the possibility of contours, planters for landscaping and water features. The required concrete cap may only be the base layer for an aesthetic treatment of the site. The DEIR needs to study various aesthetic treatments. An edge such as the International Blvd. edge deserves special attention because it is a major thoroughfare. Suggest a tiered approach so that things that are more publicly visible require a higher level of aesthetic treatment. Are there plans to have the site accessible to the public?

10) **The DEIR should require deconstruction of buildings rather than demolition.**
For example, the four Butler sheet metal buildings should be disassembled for reuse. Deconstructed materials from other buildings could also be reused rather than put in land fill.

11) **The DEIR should explain the criteria/standards/building codes with respect to how decisions were made in general, and specifically those that resulted in a Declaration of Public Nuisance - Substandard Declaration by the CEDA Code Enforcement Division in May 2010 (Complaint #10017777).**

12) **The DEIR needs to discuss both the CEQA process and what Oakland will require, as the Lead Agency, for review of cultural resources, including the Demolition Findings required by the City's Zoning Regulations.**

13) **The DEIR should include discussion about the DTSC (Department of Toxic Substance Control) approved remedies.**
A copy of the DTSC report itself should be included.

14) **If the soil is scraped down and covered over, there may be negative adverse impacts to archeological resources. This should be clarified and addressed in the DEIR.**

Ref: my documentsEIRPCmemoon5441InternationalBlvd.

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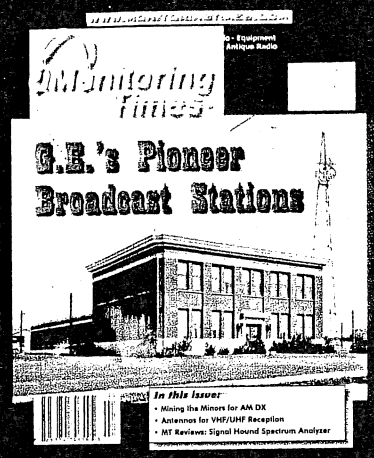
G.E.'s Pioneer Broadcast Stations

In this issue:

- Mining the Minors for AM DX
- Antennas for VHF/UHF Reception
- MT Reviews: Signal Hound Spectrum Analyzer

Monitoring Times

Vol. 31 No. 7 July 2012



G.E.'s Trio of Pioneer Broadcast Stations 8

By John Schneider W9FGH

Ninety years ago General Electric launched WGY-AM Schenectady, New York, which received only the fortieth such broadcast license issued. With a power output of 1,500 watts, the most powerful station on the air at that time, the signal was fed into a flat-top antenna suspended between two 150 foot towers. Reports came in from listeners as far away as Cuba, England and Alaska.

GE used its station to develop new broadcast hardware, including transmitters and microphones, and pioneered live radio drama, the first play receiving 2,000 letters from fans. By Christmas of that year a special play brought in 6,000 pieces of mail.

GE went on to build two more stations, one in Denver and one in Oakland, California, that it believed would enable it to cover the entire country with quality entertainment each evening. John Schneider explains the evolution of these stations, which saw transmitter levels reaching 200 kW, and how the concept eventually led to the creation of the NBC Radio Network.

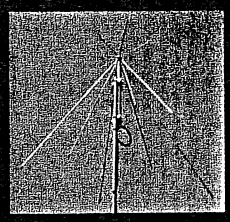
On Our Cover

KOA-AM, Denver's first transmitter building between 1934-1940 was located between 14th and Krameria Streets on the east side of Denver. It is a near duplicate of the KGO-AM building in Oakland, California. (Photo credit: Denver Public Library, Western History Collection, Harry Mellon Rhoads, 1880 or 81-1975, Rh-104)

C O N T E N T S

Antennas for VHF/UHF Reception 12

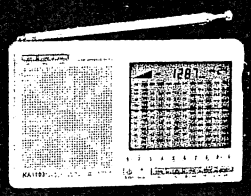
By Bob Grove W8JHD



The latest in his antenna series has Bob Grove W8JHD looking at various designs for VHF and UHF reception: ground plane vs beam; wire vs aluminum tubing; horizontal vs vertical; when and how to use pre-amplifiers, and proper antenna feeding at the higher frequencies. But wait, there's more! Bob also looks at filters, the benefits of the log periodic dipole array and multi-band dipole clusters.

Mining the Minors for AM DX 15

By Ken Reitz KS4ZR



In small professional baseball parks in towns across America young baseball stars struggle to be born. But, if a star is born will anybody hear about it? Maybe. Broadcasting the play-by-play in pro-baseball's Triple A league is as much of a struggle as the game itself. Low-powered, small-time radio stations do their best to bring a Major League sound to a Minor League game. How many teams can you hear?

The Ears Have It! 17

By Dwight Robinson

From a kid with a new crystal set to a long-time radio monitor with a career in TV production, Dwight Robinson looks back on a life-long association with earphones; how they've changed and how we changed with them.

FCC vs ICC: How an Indiana Town Changed the way all Licenses are granted 18

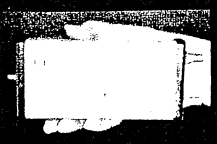
By Gene Wiggins W9CWG

The FCC issues all radio and television related licenses, everyone knows that; but this was not always the case. Gene Wiggins W9CWG tells about a time when the FCC literally went to the mat against the Interstate Commerce Commission which had a grip on issuing certain licenses relating to a time when telephone companies still wielded a lot of power.

R E V I E W S

Signal Hound Spectrum Analyzer/Measuring Receiver 70

By Bob Grove W8JHD



It's a spectrum analyzer and a measuring receiver, but what exactly does it do? Bob explains the functions and limitations of this device that's right at home in the world of software defined radios.

Uniden Bearcat 880 CB Radio

By Larry Van Horn N5FPW

With seven backlit colors to choose from the Uniden Bearcat 880 has a bodacious display. But, Larry also likes the seven NOAA WeatherRadio channels, the noise-cancelling microphone, diagnostic meter and clear audio. It's a solid performer at $150, but deeply discounted at the usual places.

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General Electric's Trio of Pioneer Radio Stations

By John Schneider W9FGH
(Photos courtesy of the author)

This year, 2012, marks the 90th anniversary of the entry of the General Electric Company into the field of radio broadcasting, with the dedication of its station WGY in Schenectady, New York.

The General Electric Company had been one of the giants of the electrical industry since its founding by Thomas A. Edison in 1890 under the name Edison General Electric. After conquering the worlds of power generation and transmission as well as electric lighting, G.E. became one of the pioneers in the radio field when it entered into a partnership with Westinghouse Electric Corporation in the formation of the new conglomerate, RCA – The Radio Corporation of America.

As a manufacturer of the first RCA radio receivers, G.E., like Westinghouse, saw value in operating broadcast stations to provide quality programming to the public, which would in turn promote the sale of radio receivers. The operation of radio broadcast stations also provided them with a real-world laboratory for the development of broadcast transmitters and antennas.

WGY Schenectady, New York

G.E. had dabbled with radio as early as 1912 when it operated experimental station 2XI. Then, late in 1921, the company decided to construct a new broadcasting station at its manufacturing facility in Schenectady, New York. The station received the fortieth broadcasting license issued by the Department of Commerce, authorized for a power of 1,500 Watts – which at that time was the most powerful station in the country. The call letters WGY were assigned.

In the early part of the 1920's, WGY – along with most other broadcasters – shared the single frequency of 360 meters – 833 kHz. In 1923, the station moved to 790 kHz, at first sharing time with WHAZ in nearby Troy, but by 1928 it had exclusive use of the channel. (WGY moved to its present 810 frequency in 1941 with the nationwide adjustments required by the North American Broadcasting Agreement, NARBA, treaty.)

Two 150 foot towers were constructed on the top of building 40 at the G.E. factory in Schenectady and a flat-top wire antenna was suspended between them. An experimental transmitter was built in the laboratory of building 36 – or more accurately, parts scattered around the laboratory were connected to create an operating "transmitter" – a hodge-podge of tubes, wires and transformers. The engineers continually experimented with modifications to the circuit over the next year, and would frequently ask listeners to comment about changes to the quality and reach of the signal.

In the first years of commercial broadcasting, the company used WGY for experiments with new vacuum tubes, receiving circuits, transmitting circuits, shortwave, television and many other aspects of the radio science. In August of 1922, WGY was the first station to use a condenser microphone, another new G.E. development.

G.E.'s publicity manager, Martin P. Rice, became WGY's first manager of broadcasting and Kolin Hager was the first announcer. WGY debuted on February 20, 1922, with a test concert from 7:45 to 8:50 p.m.. Hager opened the program by saying, "This is station WGY. W, the first letter in wireless, G, the first letter in General Electric, and Y, the last letter in Schenectady." The short program consisted of live music with announcements of song titles and other information.

The next day WGY made its first remote broadcast – a speech by Governor Nathan Miller from Schenectady's Union College. On June 26, WGY broadcast the first recording of a live event – an address by radio inventor Guglielmo Marconi, the first of many broadcasts that would use the G.E. Pallophotophone sound-on-film photographic recording process.

Kolin Hager, WGY's first announcer.

WGY's comparatively powerful signal reached across the continent in those early days of uncrowded radio bands and scant electrical interference; signal reports were received from Cuba, England and Alaska. WGY quickly gained a nationwide following because of the quality of its broadcasts.

Radio Plays

In addition to being a technology innovator, WGY was also an early innovator in programming concepts – especially in the broadcasting of radio plays. Early experience in the live broadcast of theater performances by other stations had not been successful. Listeners couldn't follow the story line without also seeing the stage action, which demonstrated a requirement for special radio drama techniques.

Edward H. Smith, an actor with *The Masque,* a Troy community theatre group, proposed to Kolin Hager that WGY should conduct a series of specialized dramatic broadcasts for radio. Hager agreed with the proviso that none of the programs could go over 40 minutes, which he felt was the limit of the radio audience's attention span.

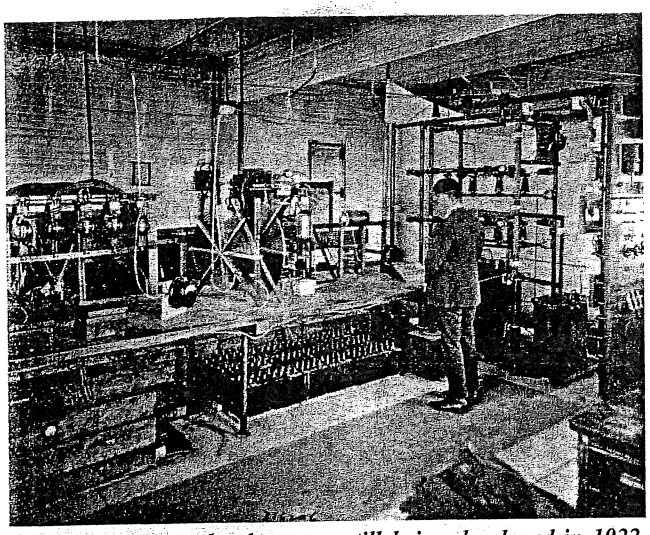
The Troy group formed the "WGY Players" and began a series of weekly Friday night dramatic broadcasts. The first one, heard on August 3, 1922, was an abbreviated adaptation of Eugene Walter's play "The Wolf," incorporating narration, specialized microphone techniques, rudimentary sound effects and live music bridges. (The microphone was disguised as a floor lamp to not frighten the actors.) "The Wolf" was a huge success, generating more than 2,000 letters from appreciative fans.

After just eight plays, the audience response was so great that the 40 minute time limit was removed. 6,000 pieces of mail were received in the four days following WGY's Christmas performance of "Sign of the Cross." By the following spring, a total of 43 radio plays had been performed.

Other early program innovations included live coverage of the Yale-Harvard football game, the WGY String Orchestra broadcast live from the State Theater, and regular radio talks on a variety of topics.

Radio Gimmicks

Not all programs on WGY were serious. Some programs were simply technical "stunts." In June of 1930, WGY broadcast the song "I Love You Truly" around the world via a series



AM transmitter technology was still being developed in 1922, and General Electric was one of the companies in the forefront of this development work. This image, dated March 17, 1922, shows the WGY "breadboard" 1 kW transmitter in Building 36 of the GE Schenectady plant. A close study of this image shows the power control panel at the far right. Behind the panel are the power transformer, reactor and eight horizontally-mounted tubes which could be early rectifier tubes. The filter capacitors are in rows underneath the table. There is one large tube in the center of the table, which may have been the modulator, and an array of at least five RF tubes on the left (a later photo shows this was subsequently increased to 14 tubes). There is an RF ammeter sitting on the table, and the output coupling transformer consists of two pancake-wound coils mounted on wooden legs. The coupling would have been adjusted by moving one of the coils. All the high voltage and RF conductors are open tubing hanging over the head of the operator.

of shortwave rebroadcasts. The Schenectady signal was repeated in The Netherlands, Java and Australia, and was finally received again back in Schenectady. The station announced, "The music you are hearing has gone completely around the world."

On one occasion, a cat placed in front of a microphone in Schenectady had a fight with dog placed in front of a microphone in Sydney, Australia. On another night, a radio bridge game was held, with the players being located in New York and Argentina.

Early Networks

In 1922, WGY was one of the first stations in the country to participate in "chain" broadcasting, connecting multiple stations together with program wire lines to broadcast a single program, which soon led to the development of the commercial radio networks.

The first network broadcasts used Western Union and Postal Telegraph lines to connect WGY, WJZ and WRC for broadcasts of the World Series. In June of the following year, WGY joined KDKA and KYW to rebroadcast a meeting of the National Electric Light Association that originated from AT&T's station WEAF in New York.

In March of 1924, an MIT Alumni banquet at the Waldorf-Astoria Hotel originating at WJZ in New York was carried by telephone lines to WGY, where it was rebroadcast on AM and shortwave. General Electric's shortwave signals over W2XAF and W2XAD were picked up by the Westinghouse shortwave station KFKX in Hastings, Nebraska, which relayed it to KGO in Oakland, resulting in a coast-to-coast live broadcast. Finally, on January 1, 1927, WGY became one of the inaugural stations of the new NBC radio network.

In 1924, WGY moved into larger studios at 1 River Road. In 1937, the station moved into an art deco studio building located on Washington Avenue, across from the G.E. plant, which it occupied until 1957.

High power

In 1924 WGY increased its power to 5,000 watts, moving its transmitter to the current location in Rotterdam. This was G.E.'s South Schenectady transmitter laboratory, a 54 acre site which also housed the company's two shortwave stations. Here, WGY broadcast from a 240 ft. high vertical "cage" antenna with ground radials instead of the usual T-type antenna of the time. (This antenna was replaced with the present 625 ft. half-wave tower in 1938.) Soon afterwards, the power was increased to 10,000 watts.

The Department of Commerce was interested in exploring "super power" broadcasting, and so authorized WGY and WJZ to be the nation's first 50 kW stations. WGY was the first station to operate at that power, more than a year ahead of WJZ, beginning its experimental high power broadcasts on July 18, 1925. Full time operation was authorized on May 8, 1926.

In 1927 WGY was allowed to operate at 100 kW from midnight to 1:00a.m. under a 30-day experimental license. In 1930 WGY operated for a short time experimentally at 200 kW, and received signal reports from as far away as New Zealand; but these powers were never formally approved and the station returned to 50 kW operations.

Reception reports from listeners were highly valued during these years of developing technology, and the engineers determined that the station was being received at a distance of 500-600 miles with the same quality as most stations were heard at 50 miles.

During these periods of high power experimentation, WGY became G.E.'s test bed for the development of crystal-controlled transmitters and high-powered tubes. Its 100 kW transmitter design used a crystal-controlled oscillator followed by five stages of amplification to reach 20 kW, grid modulated at medium power level. This in turn drove a final 100 kW linear RF amplifier using two water-cooled power amplifier tubes with a DC filament voltage of 33 volts at 210 amps. It was powered by six high voltage rectifier tubes and a motor-operated voltage regulator.

The design concepts developed for the WGY transmitter were finalized and introduced to the commercial market by G.E. and RCA in 1930 in the form of the RCA 50-B, the 50 kW transmitter used by most clear channel U.S. broadcasters during the '30s and early '40s.

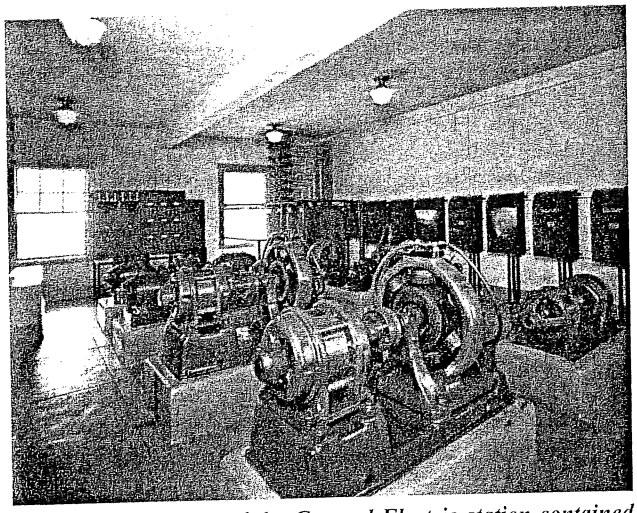
General Electric Builds Two More Stations

In 1923, the companies of the "Radio Group" – GE, Westinghouse and RCA – agreed that each company would operate three high power stations in different regions of the United States. Together, these stations would provide coast-to-coast coverage and stimulate the sale of radio sets.

The group agreed that the stations would offer listeners the best possible audio quality and programming. Westinghouse was already operating its three stations –KDKA in Pittsburgh, WBZ in Springfield, Massachusetts, and KYW in Chicago. RCA was operating WJZ in New York and would soon open WRC in Washington, D.C. General Electric had only WGY, and so it took responsibility for opening two more stations to serve the Western half of the continental United States. Both new stations would be modeled after WGY.

G.E.'s director of broadcasting, Martin P. Rice, and its engineer in charge of technical operations, Harry Sadenwater, took a tour of several Western cities during February of 1923 to select a location for the two stations. They decided that one station would be either in Dallas or Denver, while the other station would be in either San Francisco or Oakland. They held meetings with the local governments of all four cities, who promised local cooperation in exchange for the prestige of being the home of the new stations. Denver and Oakland were ultimately chosen.

Howard Milholland was KGO's Studio Manager in the 1920's. Here he poses with Richard Shadburn and Marion Cramer, two young radio actors who performed in the radio play "The Volga River," 1925.



The generator room of the General Electric station contained nine motor-generator sets. These supplied current for heating the filaments of the tubes, plate potential for the power amplifiers and the 600 meter commercial transmitter, bias potential for the amplifier and modulator tubes, and excitation for the various generators. These machines were all in duplicate, thus assuring a continuous program in the event of failure.

KGO Oakland, California

The first station was KGO in Oakland, California, starting construction in June of 1923. The Bay Area was chosen because of its location midway along the Pacific Coast and due to its ample supply of musical talent. General Electric first announced plans to build the station on Telegraph Hill in San Francisco and drew up plans for several ornamental antenna structures. However, they finally settled for the expediency of building on the 24-acre site of a new G. E. power transformer manufacturing facility at East 14th Street and 55th Avenue in Oakland.

A beautiful new two-story brick studio building faced East 14th Street. The first floor held the station offices: the program manager, correspondence room, and a reception room for visitors. In the rear of the building was the power room, with its banks of storage batteries and power generators, which powered the amplifying equipment in the control room upstairs. Two studios, one large and one small, were located on the second floor, both equipped with soundproofing and a ventilation system.

The large control room was located between the two studios, equipped with a loudspeaker to monitor the broadcasts. Three operators were always on duty in the control room – two to keep the equipment running properly and to maintain a constant sound volume, and a third to listen for distress calls from ships at sea on a separate receiver. In the event of a distress call, all coastal stations of the period were required to shut down, clearing the radio bands for emergency traffic.

The transmitter building was located about a thousand feet away from the studio at the opposite end of the G.E. property. The buildings were connected by cables that carried the program audio plus a system of signaling lights and an intercom. It was a small one-story stucco building that housed three transmitters in one room and six power generators in the other.

KGO was one of the few stations then to have a duplicate of every piece of transmitting equipment so that the station could stay on the air in the event of any equipment failure. This was the purpose of two of the three transmitters. The third was for communicating with ships in distress, which was kept on standby at all times. An emergency power generator was loaned at no cost by Pacific Gas and Electric.

The two 150-foot steel towers that supported the antenna straddled the transmitter building, one on each side so that the antenna hung directly over the structure. Twelve counterpoise wires were suspended, parallel to the antenna, fourteen feet above the ground. The letters K-G-O were mounted in large illuminated figures on the side of one tower. For its time, KGO represented the epitome of technology.

The 1,000 watt transmitter ran with water cooled G.E. tubes, using high level plate modulation of the intermediate high power free-running oscillator followed by a final linear amplifier. Motor generators provided all plate and filament voltages. Two operators were continuously on duty at the transmitter, responsible for keeping the oscillator on frequency (in the days before crystal control), keeping the modulation within an acceptable range and observing the operation of all equipment.

KGO first took to the air January 8, 1924 with 1,000 watts on 312 meters (960 kHz). It was on the air initially on a schedule of 8 to 10 PM every Tuesday, Thursday and Saturday.

KGO immediately developed a reputation among its listeners for having consistently high program quality. Studio Manager Howard Milholland enlisted some of the top musical artists in the Bay Area to perform on the station. Indeed, most of the program staff itself was musically inclined. Milholland and three other staff members formed a quartet that was heard frequently over the air waves. Announcer Jennings Pierce, who later announced for NBC, was a very fine tenor. And Carl Rhodehamel, Publicity Manager, directed the KGO Little Symphony. In fact, it is quite possible that KGO required all staff members to have musical abilities.

KGO pioneered in educational broadcasts as well as music. Arthur Garbett's radio classrooms were heard daily in schools all over Northern California. This was expanded in later years to encompass radio courses in history, drawing, chemistry and other subjects, as well as broadcasts of lectures and university extension courses.

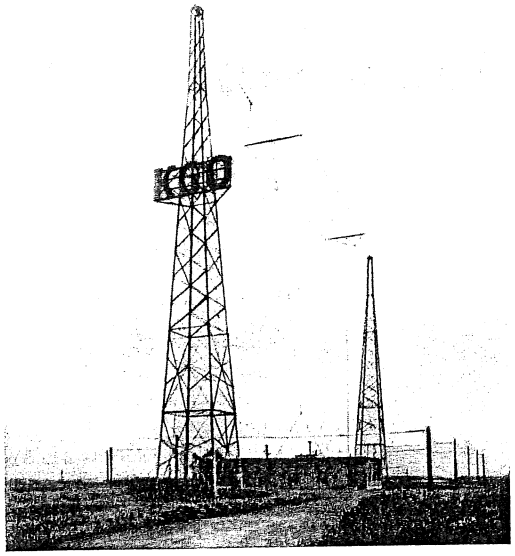
Taking its cue from its eastern sister station, KGO was immediately active in the broadcasting of radio drama. Wilda Wilson Church, who had headed the dramatic department of an all-girl's school in Berkeley and had directed early radio plays at station KRE, became KGO's full time dramatic director. She assembled and directed a dramatic company called the KGO Players, and quickly showed superior talent in developing radio drama as an entity totally separate from the theater and suited to the aural properties of radio. She would later bring her national recognition with NBC.

KGO also carried many remote broadcasts in its early years. A studio was installed in the St. Francis Hotel in San Francisco in May of 1924, which was the source of regular programs by Henry "Hank" Halstead and his Victor Recording Orchestra and the Isham Jones' Jazz Band. KGO also broadcast remote pick-ups from clubs, churches, auditoriums, hotels, theaters and dance halls on both sides of the Bay.

KGO's frequency and power were modified several times in its first years, and the station operated on 960, 1000, 830, 780 and 790 kHz. In December of 1924, KGO was authorized to increase its power to 1,500 watts under a special arrangement with the government that provided for gradual increases in increments of 500 watts as long as the station did not interfere with other broadcasters. Only five other stations in the U.S. had been allowed to broadcast at 1,500 watts up until that time. In November, 1928, KGO settled on 7,500 watts at 790 kc. and it remained at this power level until 1947, when it was authorized to raise its power to the present 50,000 watts. KGO and WGY were the only two U.S. stations assigned to 790 kHz. (Both stations moved to 810 kHz in 1941.)

KGO quickly implemented the technological improvements developed by the Schenectady engineers and in 1926 it began operating with one of the first crystal-controlled transmitters which caused it to be recognized by the Bureau of Standards as a "constant frequency station." These and other technological advances helped

General Electric built a grand studio building for its station KGO in 1924. The station was located on the grounds of a G.E. transformer factory at 5441 E. 14th Street in Oakland. (Courtesy: Author)



This photo shows the KGO transmitter building and antenna which operated from 1924 to 1947 at 5441 E. 14th Street in Oakland, on the grounds of a General Electric transformer factory. The two 150-foot steel towers that supported the antenna straddled the transmitter building, one on each side, at a spacing of 260 feet, so that the antenna was strung directly over the structure. Twelve counterpoise wires were strung parallel to the antenna fourteen feet above the ground and covering an area of 150 x 300 feet.

make KGO one of the nation's top stations technically, as well as in programming.

On August 17, 1929, KGO put a short wave station, W6XN, on the air as part of the sixth Pacific Radio Show held in San Francisco's Civic Auditorium. The proceedings of that exposition were transmitted via shortwave to Schenectady, where they were rebroadcast over WGY and her two shortwave stations. (In 1939, General Electric would return to shortwave from the Bay Area with station KGEI at the 1939 Golden Gate International Exposition.)

An important advancement for radio took place in 1926 when the National Broadcasting Company, NBC, was formed. General Electric owned 30% of the new network, along with RCA and Westinghouse. So it was natural that GE's three radio stations (WGY, KGO and KOA) would become affiliates. In April of 1927, NBC formed its Orange Network to service the Pacific Coast, and both KGO and KPO in San Francisco became affiliates.

On October 1, 1929, KGO was selected as the key station for the West Coast network and at that time NBC took over complete management and operation of the station. From that date, all of KGO's programs originated from NBC's San Francisco headquarters at 111 Sutter Street. The KGO studio building became an office building for the General Electric factory, but the Oakland transmitter continued to be used until 1947, when the present 50,000 watt plant was built on the approach to the Dumbarton Bridge.

KOA, Denver

General Electric's third station was KOA in Denver, licensed in 1924 for 1,000 watts at 930 kHz. The first KOA studio building at 14th and Krameria on the East side of Denver was a virtual duplicate of the KGO building, and the station had an almost identical transmitter and antenna configuration. Freeman Talbot was named to the position of manager.

KOA's inaugural broadcast took place on Monday, December 15, 1924. In April of the following year the power was increased to 2,000 watts, and again in November to 5,000 watts. In April of 1927 it was briefly raised to 12,500 watts on 920 kHz, but in a quick succession of changes ordered by the new Federal Radio Commission, its power was reduced to 10,000 watts day/5,000 watts night, and then to 5,000 watts day,/2,500 watts night. Finally, in November of 1928, KOA was again permitted to operate with 12,500 watts and moved to its new frequency of 830 kHz.

KOA enjoyed only two years of stand-alone operation before it became a network affiliate. Like its sister stations WGY and KGO, the Denver station was chosen to be NBC's key affiliate in the mountain region. In fact, for the first year of its operations starting in 1926, NBC's East Coast network feeds only reached as far as Denver, and KOA broadcast programs from both the NBC Red and Blue networks.

Starting in 1929, when AT&T completed its transcontinental network quality phone lines, KOA also broadcast NBC Orange network programs fed east from San Francisco. As a result, KOA had its pick of the best programs from all three networks.

As in San Francisco, NBC formally took over the operation of KOA from General Electric in October of 1929, even though the station continued to be owned by G.E. for several more years. In 1932, a new KOA studio/transmitter building was constructed at 18500 East Colfax Avenue in Aurora, Colorado. It was an imposing art deco brick structure with the General Electric logo carved into its stone façade, and giant replicas of two radio microphones flanking the main entrance.

The new 50,000 watt G.E. transmitter installed there was a direct descendent of the transmitter first developed for WGY. A decorative water fountain on the front lawn of the building served double duty, as it was also a cooling pond for KOA's water-cooled transmitter.

The Aurora building was built to house elaborate new KOA studios, but they were in service for only two short years. In 1934, new studios were completed on the 4th, 5th and 6th floors of the NBC Building at 1625 California Street in Denver and the glorious building in Aurora became just an oversized transmitter building. In 1934, a 475 foot self-supporting tower was completed at the site, the highest self-supporting tower in the U.S. at the time.

KOA vacated the Colfax Avenue building in 1959. It is now home to the Colorado Department of Transportation and the Colorado State Patrol. It was declared to be an historic landmark by the City of Aurora.

Breakup of the "Radio Group"

For most of commercial broadcasting's first decade, the industry and its technology were controlled in large part by the big corporations that formed the "Radio Group" – General Electric, Westinghouse and RCA (which was itself owned in large part by the two companies), and to some extent AT&T. Between them, the companies controlled the nation's biggest broadcasting stations and NBC's Red and Blue Networks. They also controlled the most important radio patents, which gave them a monopoly on the design and manufacture of radio transmitters, receivers and vacuum tubes. It was impossible for others to compete effectively against "the octopus."

Finally, in May 1930, the U.S. Department of Justice brought an anti-trust suit against the four companies. The deck was about to be re-shuffled.

After more than two years of negotiations between the government and the companies, a consent decree was decided upon that resulted in General Electric and Westinghouse divesting themselves of all interest in RCA and NBC. The companies would continue to own their stations, but NBC would operate them. Shortly thereafter, G.E. would sell KGO and KOA to NBC, leaving them with WGY as their only company-owned radio broadcaster.

General Electric, the giant electrical conglomerate, would go back to its core business of power generation and transmission, and plow new ground with both heavy industry and consumer products. But it left behind a legacy in the form of three of the country's most important AM broadcasting stations. In later years it would continue to make radio waves in shortwaves and broadcast transmitter design.

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G.E.'s Pioneer Broadcast Stations

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- MT Reviews: Signal Hound Spectrum Analyzer

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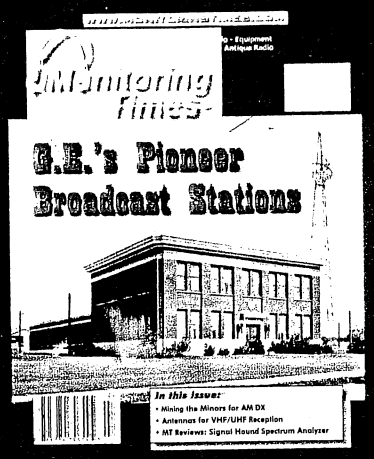


G.E.'s Trio of Pioneer Broadcast Stations 8

By John Schneider W9FGH

Ninety years ago General Electric launched WGY-AM Schenectady, New York, which received only the fortieth such broadcast license issued. With a power output of 1,500 watts, the most powerful station on the air at that time, the signal was fed into a flat-top antenna suspended between two 150 foot towers. Reports came in from listeners as far away as Cuba, England and Alaska.

GE used its station to develop new broadcast hardware, including transmitters and microphones, and pioneered live radio drama, the first play receiving 2,000 letters from fans. By Christmas of that year a special play brought in 6,000 pieces of mail.

GE went on to build two more stations, one in Denver and one in Oakland, California, that it believed would enable it to cover the entire country with quality entertainment each evening. John Schneider explains the evolution of these stations, which saw transmitter levels reaching 200 kW, and how the concept eventually led to the creation of the NBC Radio Network.

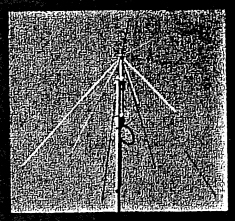
On Our Cover

KOA-AM, Denver's first transmitter building between 1934-1940 was located between 14th and Krameria Streets on the east side of Denver. It is a near duplicate of the KGO-AM building in Oakland, California. (Photo credit: Denver Public Library, Western History Collection, Harry Mellon Rhoads, 1880 or 81-1975, Rh-104)

C O N T E N T S

Antennas for VHF/UHF Reception 12

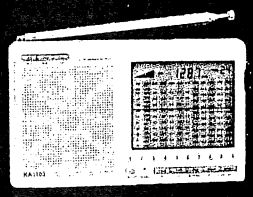
By Bob Grove W8JHD



The latest in his antenna series has Bob Grove W8JHD looking at various designs for VHF and UHF reception: ground plane vs beam; wire vs aluminum tubing; horizontal vs vertical; when and how to use pre-amplifiers, and proper antenna feeding at the higher frequencies. But wait, there's more! Bob also looks at filters, the benefits of the log periodic dipole array and multi-band dipole clusters.

Mining the Minors for AM DX 15

By Ken Reitz KS4ZR



In small professional baseball parks in towns across America young baseball stars struggle to be born. But, if a star is born will anybody hear about it? Maybe. Broadcasting the play-by-play in pro-baseball's Triple A league is as much of a struggle as the game itself. Low-powered, small-time radio stations do their best to bring a Major League sound to a Minor League game. How many teams can you hear?

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By Dwight Robinson

From a kid with a new crystal set to a long-time radio monitor with a career in TV production, Dwight Robinson looks back on a life-long association with earphones; how they've changed and how we changed with them.

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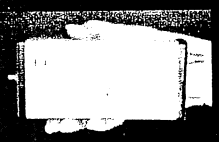
By Gene Wiggins W9CWG

The FCC issues all radio and television related licenses, everyone knows that; but this was not always the case. Gene Wiggins W9CWG tells about a time when the FCC literally went to the mat against the Interstate Commerce Commission which had a grip on issuing certain licenses relating to a time when telephone companies still wielded a lot of power.

R E V I E W S

Signal Hound Spectrum Analyzer/Measuring Receiver 70

By Bob Grove W8JHD



It's a spectrum analyzer and a measuring receiver, but what exactly does it do? Bob explains the functions and limitations of this device that's right at home in the world of software defined radios.

Uniden Bearcat 880 CB Radio

By Larry Van Horn N5FPW

With seven backlit colors to choose from the Uniden Bearcat 880 has a bodacious display. But, Larry also likes the seven NOAA WeatherRadio channels, the noise-cancelling microphone, diagnostic meter and clear audio. It's a solid performer at $150, but deeply discounted at the usual places.

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General Electric's Trio of Pioneer Radio Stations

By John Schneider W9FGH
(Photos courtesy of the author)

This year, 2012, marks the 90th anniversary of the entry of the General Electric Company into the field of radio broadcasting, with the dedication of its station WGY in Schenectady, New York.

The General Electric Company had been one of the giants of the electrical industry since its founding by Thomas A. Edison in 1890 under the name Edison General Electric. After conquering the worlds of power generation and transmission as well as electric lighting, G.E. became one of the pioneers in the radio field when it entered into a partnership with Westinghouse Electric Corporation in the formation of the new conglomerate, RCA – The Radio Corporation of America.

As a manufacturer of the first RCA radio receivers, G.E., like Westinghouse, saw value in operating broadcast stations to provide quality programming to the public, which would in turn promote the sale of radio receivers. The operation of radio broadcast stations also provided them with a real-world laboratory for the development of broadcast transmitters and antennas.

WGY Schenectady, New York

G.E. had dabbled with radio as early as 1912 when it operated experimental station 2XI. Then, late in 1921, the company decided to construct a new broadcasting station at its manufacturing facility in Schenectady, New York. The station received the fortieth broadcasting license issued by the Department of Commerce, authorized for a power of 1,500 Watts – which at that time was the most powerful station in the country. The call letters WGY were assigned.

In the early part of the 1920's, WGY – along with most other broadcasters – shared the single frequency of 360 meters – 833 kHz. In 1923, the station moved to 790 kHz, at first sharing time with WHAZ in nearby Troy, but by 1928 it had exclusive use of the channel. (WGY moved to its present 810 frequency in 1941 with the nationwide adjustments required by the North American Broadcasting Agreement, NARBA, treaty.)

Two 150 foot towers were constructed on the top of building 40 at the G.E. factory in Schenectady and a flat-top wire antenna was suspended between them. An experimental transmitter was built in the laboratory of building 36 – or more accurately, parts scattered around the laboratory were connected to create an operating "transmitter" – a hodge-podge of tubes, wires and transformers. The engineers continually experimented with modifications to the circuit over the next year, and would frequently ask listeners to comment about changes to the quality and reach of the signal.

In the first years of commercial broadcasting, the company used WGY for experiments with new vacuum tubes, receiving circuits, transmitting circuits, shortwave, television and many other aspects of the radio science. In August of 1922, WGY was the first station to use a condenser microphone, another new G.E. development.

G.E.'s publicity manager, Martin P. Rice, became WGY's first manager of broadcasting and Kolin Hager was the first announcer. WGY debuted on February 20, 1922, with a test concert from 7:45 to 8:50 p.m.. Hager opened the program by saying, "This is station WGY. W, the first letter in wireless, G, the first letter in General Electric, and Y, the last letter in Schenectady." The short program consisted of live music with announcements of song titles and other information.

The next day WGY made its first remote broadcast – a speech by Governor Nathan Miller from Schenectady's Union College. On June 26, WGY broadcast the first recording of a live event – an address by radio inventor Guglielmo Marconi, the first of many broadcasts that would use the G.E. Pallophotophone sound-on-film photographic recording process.

Kolin Hager, WGY's first announcer.

WGY's comparatively powerful signal reached across the continent in those early days of uncrowded radio bands and scant electrical interference; signal reports were received from Cuba, England and Alaska. WGY quickly gained a nationwide following because of the quality of its broadcasts.

Radio Plays

In addition to being a technology innovator, WGY was also an early innovator in programming concepts – especially in the broadcasting of radio plays. Early experience in the live broadcast of theater performances by other stations had not been successful. Listeners couldn't follow the story line without also seeing the stage action, which demonstrated a requirement for special radio drama techniques.

Edward H. Smith, an actor with *The Masque,* a Troy community theatre group, proposed to Kolin Hager that WGY should conduct a series of specialized dramatic broadcasts for radio. Hager agreed with the proviso that none of the programs could go over 40 minutes, which he felt was the limit of the radio audience's attention span.

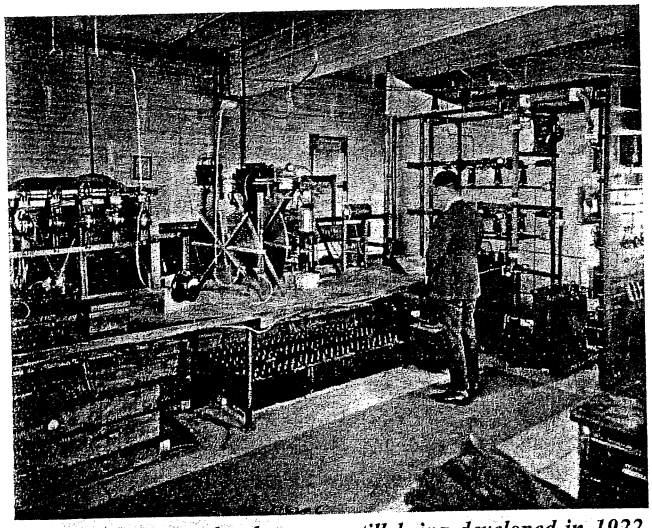
The Troy group formed the "WGY Players" and began a series of weekly Friday night dramatic broadcasts. The first one, heard on August 3, 1922, was an abbreviated adaptation of Eugene Walter's play "The Wolf," incorporating narration, specialized microphone techniques, rudimentary sound effects and live music bridges. (The microphone was disguised as a floor lamp to not frighten the actors.) "The Wolf" was a huge success, generating more than 2,000 letters from appreciative fans.

After just eight plays, the audience response was so great that the 40 minute time limit was removed. 6,000 pieces of mail were received in the four days following WGY's Christmas performance of "Sign of the Cross." By the following spring, a total of 43 radio plays had been performed.

Other early program innovations included live coverage of the Yale-Harvard football game the WGY String Orchestra broadcast live from the State Theater, and regular radio talks on a variety of topics.

Radio Gimmicks

Not all programs on WGY were serious. Some programs were simply technical "stunts." In June of 1930, WGY broadcast the song "I Love You Truly" around the world via a serie



AM transmitter technology was still being developed in 1922, and General Electric was one of the companies in the forefront of this development work. This image, dated March 17, 1922, shows the WGY "breadboard" 1 kW transmitter in Building 36 of the GE Schenectady plant. A close study of this image shows the power control panel at the far right. Behind the panel are the power transformer, reactor and eight horizontally-mounted tubes which could be early rectifier tubes. The filter capacitors are in rows underneath the table. There is one large tube in the center of the table, which may have been the modulator, and an array of at least five RF tubes on the left (a later photo shows this was subsequently increased to 14 tubes). There is an RF ammeter sitting on the table, and the output coupling transformer consists of two pancake-wound coils mounted on wooden legs. The coupling would have been adjusted by moving one of the coils. All the high voltage and RF conductors are open tubing hanging over the head of the operator.

of shortwave rebroadcasts. The Schenectady signal was repeated in The Netherlands, Java and Australia, and was finally received again back in Schenectady. The station announced, "The music you are hearing has gone completely around the world."

On one occasion, a cat placed in front of a microphone in Schenectady had a fight with dog placed in front of a microphone in Sydney, Australia. On another night, a radio bridge game was held, with the players being located in New York and Argentina.

Early Networks

In 1922, WGY was one of the first stations in the country to participate in "chain" broadcasting, connecting multiple stations together with program wire lines to broadcast a single program, which soon led to the development of the commercial radio networks.

The first network broadcasts used Western Union and Postal Telegraph lines to connect WGY, WJZ and WRC for broadcasts of the World Series. In June of the following year, WGY joined KDKA and KYW to rebroadcast a meeting of the National Electric Light Association that originated from AT&T's station WEAF in New York.

In March of 1924, an MIT Alumni banquet at the Waldorf-Astoria Hotel originating at WJZ in New York was carried by telephone lines to WGY, where it was rebroadcast on AM and shortwave. General Electric's shortwave signals over W2XAF and W2XAD were picked up by the Westinghouse shortwave station KFKX in Hastings, Nebraska, which relayed it to KGO in Oakland, resulting in a coast-to-coast live broadcast. Finally, on January 1, 1927, WGY became one of the inaugural stations of the new NBC radio network.

In 1924, WGY moved into larger studios at 1 River Road. In 1937, the station moved into an art deco studio building located on Washington Avenue, across from the G.E. plant, which it occupied until 1957.

High power

In 1924 WGY increased its power to 5,000 watts, moving its transmitter to the current location in Rotterdam. This was G.E.'s South Schenectady transmitter laboratory, a 54 acre site which also housed the company's two shortwave stations. Here, WGY broadcast from a 240 ft. high vertical "cage" antenna with ground radials instead of the usual T-type antenna of the time. (This antenna was replaced with the present 625 ft. half-wave tower in 1938.) Soon afterwards, the power was increased to 10,000 watts.

The Department of Commerce was interested in exploring "super power" broadcasting, and so authorized WGY and WJZ to be the nation's first 50 kW stations. WGY was the first station to operate at that power, more than a year ahead of WJZ, beginning its experimental high power broadcasts on July 18, 1925. Full time operation was authorized on May 8, 1926.

In 1927 WGY was allowed to operate at 100 kW from midnight to 1:00a.m. under a 30-day experimental license. In 1930 WGY operated for a short time experimentally at 200 kW, and received signal reports from as far away as New Zealand; but these powers were never formally approved and the station returned to 50 kW operations.

Reception reports from listeners were highly valued during these years of developing technology, and the engineers determined that the station was being received at a distance of 500-600 miles with the same quality as most stations were heard at 50 miles.

During these periods of high power experimentation, WGY became G.E.'s test bed for the development of crystal-controlled transmitters and high-powered tubes. Its 100 kW transmitter design used a crystal-controlled oscillator followed by five stages of amplification to reach 20 kW, grid modulated at medium power level. This in turn drove a final 100 kW linear RF amplifier using two water-cooled power amplifier tubes with a DC filament voltage of 33 volts at 210 amps. It was powered by six high voltage rectifier tubes and a motor-operated voltage regulator.

The design concepts developed for the WGY transmitter were finalized and introduced to the commercial market by G.E. and RCA in 1930 in the form of the RCA 50-B, the 50 kW transmitter used by most clear channel U.S. broadcasters during the '30s and early '40s.

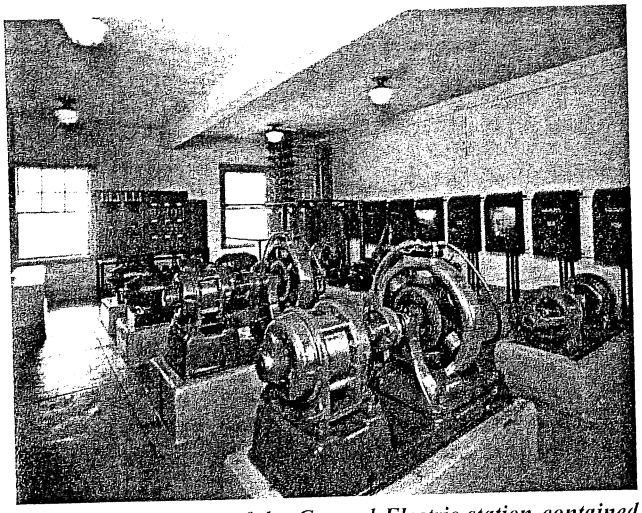
General Electric Builds Two More Stations

In 1923, the companies of the "Radio Group" – GE, Westinghouse and RCA – agreed that each company would operate three high power stations in different regions of the United States. Together, these stations would provide coast-to-coast coverage and stimulate the sale of radio sets.

The group agreed that the stations would offer listeners the best possible audio quality and programming. Westinghouse was already operating its three stations –KDKA in Pittsburgh, WBZ in Springfield, Massachusetts, and KYW in Chicago. RCA was operating WJZ in New York and would soon open WRC in Washington, D.C. General Electric had only WGY, and so it took responsibility for opening two more stations to serve the Western half of the continental United States. Both new stations would be modeled after WGY.

G.E.'s director of broadcasting, Martin P. Rice, and its engineer in charge of technical operations, Harry Sadenwater, took a tour of several Western cities during February of 1923 to select a location for the two stations. They decided that one station would be either in Dallas or Denver, while the other station would be in either San Francisco or Oakland. They held meetings with the local governments of all four cities, who promised local cooperation in exchange for the prestige of being the home of the new stations. Denver and Oakland were ultimately chosen.

Howard Milholland was KGO's Studio Manager in the 1920's. Here he poses with Richard Shadburn and Marion Cramer, two young radio actors who performed in the radio play "The Volga River," 1925.



The generator room of the General Electric station contained nine motor-generator sets. These supplied current for heating the filaments of the tubes, plate potential for the power amplifiers and the 600 meter commercial transmitter, bias potential for the amplifier and modulator tubes, and excitation for the various generators. These machines were all in duplicate, thus assuring a continuous program in the event of failure.

KGO Oakland, California

The first station was KGO in Oakland, California, starting construction in June of 1923. The Bay Area was chosen because of its location midway along the Pacific Coast and due to its ample supply of musical talent. General Electric first announced plans to build the station on Telegraph Hill in San Francisco and drew up plans for several ornamental antenna structures. However, they finally settled for the expediency of building on the 24-acre site of a new G. E. power transformer manufacturing facility at East 14th Street and 55th Avenue in Oakland.

A beautiful new two-story brick studio building faced East 14th Street. The first floor held the station offices: the program manager, correspondence room, and a reception room for visitors. In the rear of the building was the power room, with its banks of storage batteries and power generators, which powered the amplifying equipment in the control room upstairs. Two studios, one large and one small, were located on the second floor, both equipped with soundproofing and a ventilation system.

The large control room was located between the two studios, equipped with a loudspeaker to monitor the broadcasts. Three operators were always on duty in the control room – two to keep the equipment running properly and to maintain a constant sound volume, and a third to listen for distress calls from ships at sea on a separate receiver. In the event of a distress call, all coastal stations of the period were required to shut down, clearing the radio bands for emergency traffic.

The transmitter building was located about a thousand feet away from the studio at the opposite end of the G.E. property. The buildings were connected by cables that carried the program audio plus a system of signaling lights and an intercom. It was a small one-story stucco building that housed three transmitters in one room and six power generators in the other.

KGO was one of the few stations then to have a duplicate of every piece of transmitting equipment so that the station could stay on the air in the event of any equipment failure. This was the purpose of two of the three transmitters. The third was for communicating with ships in distress, which was kept on standby at all times. An emergency power generator was loaned at no cost by Pacific Gas and Electric.

The two 150-foot steel towers that supported the antenna straddled the transmitter building, one on each side so that the antenna hung directly over the structure. Twelve counterpoise wires were suspended, parallel to the antenna, fourteen feet above the ground. The letters K-G-O were mounted in large illuminated figures on the side of one tower. For its time, KGO represented the epitome of technology.

The 1,000 watt transmitter ran with water cooled G.E. tubes, using high level plate modulation of the intermediate high power free-running oscillator followed by a final linear amplifier. Motor generators provided all plate and filament voltages. Two operators were continuously on duty at the transmitter, responsible for keeping the oscillator on frequency (in the days before crystal control), keeping the modulation within an acceptable range and observing the operation of all equipment.

KGO first took to the air January 8, 1924 with 1,000 watts on 312 meters (960 kHz). It was on the air initially on a schedule of 8 to 10 PM every Tuesday, Thursday and Saturday.

KGO immediately developed a reputation among its listeners for having consistently high program quality. Studio Manager Howard Milholland enlisted some of the top musical artists in the Bay Area to perform on the station. Indeed, most of the program staff itself was musically inclined. Milholland and three other staff members formed a quartet that was heard frequently over the air waves. Announcer Jennings Pierce, who later announced for NBC, was a very fine tenor. And Carl Rhodehamel, Publicity Manager, directed the KGO Little Symphony. In fact, it is quite possible that KGO required all staff members to have musical abilities.

KGO pioneered in educational broadcasts as well as music. Arthur Garbett's radio classrooms were heard daily in schools all over Northern California. This was expanded in later years to encompass radio courses in history, drawing, chemistry and other subjects, as well as broadcasts of lectures and university extension courses.

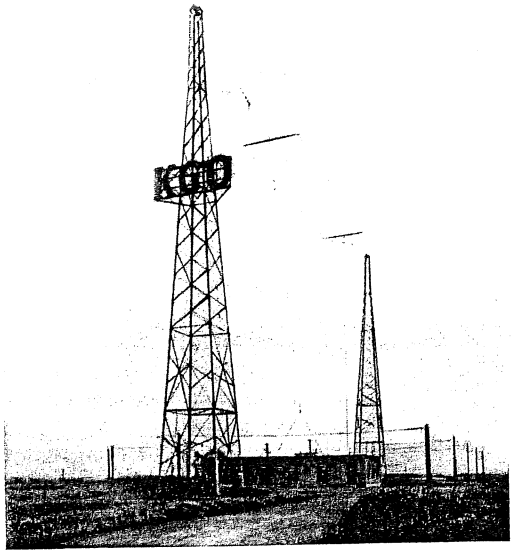
Taking its cue from its eastern sister station, KGO was immediately active in the broadcasting of radio drama. Wilda Wilson Church, who had headed the dramatic department of an all-girl's school in Berkeley and had directed early radio plays at station KRE, became KGO's full time dramatic director. She assembled and directed a dramatic company called the KGO Players, and quickly showed superior talent in developing radio drama as an entity totally separate from the theater and suited to the aural properties of radio. She would later bring her national recognition with NBC.

KGO also carried many remote broadcasts in its early years. A studio was installed in the St. Francis Hotel in San Francisco in May of 1924, which was the source of regular programs by Henry "Hank" Halstead and his Victor Recording Orchestra and the Isham Jones' Jazz Band. KGO also broadcast remote pick-ups from clubs, churches, auditoriums, hotels, theaters and dance halls on both sides of the Bay.

KGO's frequency and power were modified several times in its first years, and the station operated on 960, 1000, 830, 780 and 790 kHz. In December of 1924, KGO was authorized to increase its power to 1,500 watts under a special arrangement with the government that provided for gradual increases in increments of 500 watts as long as the station did not interfere with other broadcasters. Only five other stations in the U.S. had been allowed to broadcast at 1,500 watts up until that time. In November, 1928, KGO settled on 7,500 watts at 790 kc. and it remained at this power level until 1947, when it was authorized to raise its power to the present 50,000 watts. KGO and WGY were the only two U.S. stations assigned to 790 kHz. (Both stations moved to 810 kHz in 1941.)

KGO quickly implemented the technological improvements developed by the Schenectady engineers and in 1926 it began operating with one of the first crystal-controlled transmitters which caused it to be recognized by the Bureau of Standards as a "constant frequency station." These and other technological advances helped

General Electric built a grand studio building for its station KGO 1924. The station was located on the grounds of a G.E. transform factory at 5441 E. 14th Street in Oakland. (Courtesy: Author)



This photo shows the KGO transmitter building and antenna which operated from 1924 to 1947 at 5441 E. 14th Street in Oakland, on the grounds of a General Electric transformer factory. The two 150-foot steel towers that supported the antenna straddled the transmitter building, one on each side, at a spacing of 260 feet, so that the antenna was strung directly over the structure. Twelve counterpoise wires were strung parallel to the antenna fourteen feet above the ground and covering an area of 150 x 300 feet.

make KGO one of the nation's top stations technically, as well as in programming.

On August 17, 1929, KGO put a short wave station, W6XN, on the air as part of the sixth Pacific Radio Show held in San Francisco's Civic Auditorium. The proceedings of that exposition were transmitted via shortwave to Schenectady, where they were rebroadcast over WGY and her two shortwave stations. (In 1939, General Electric would return to shortwave from the Bay Area with station KGEI at the 1939 Golden Gate International Exposition.)

An important advancement for radio took place in 1926 when the National Broadcasting Company, NBC, was formed. General Electric owned 30% of the new network, along with RCA and Westinghouse. So it was natural that GE's three radio stations (WGY, KGO and KOA) would become affiliates. In April of 1927, NBC formed its Orange Network to service the Pacific Coast, and both KGO and KPO in San Francisco became affiliates.

On October 1, 1929, KGO was selected as the key station for the West Coast network and at that time NBC took over complete management and operation of the station. From that date, all of KGO's programs originated from NBC's San Francisco headquarters at 111 Sutter Street. The KGO studio building became an office building for the General Electric factory, but the Oakland transmitter continued to be used until 1947, when the present 50,000 watt plant was built on the approach to the Dumbarton Bridge.

KOA, Denver

General Electric's third station was KOA in Denver, licensed in 1924 for 1,000 watts at 930 kHz. The first KOA studio building at 14th and Krameria on the East side of Denver was a virtual duplicate of the KGO building, and the station had an almost identical transmitter and antenna configuration. Freeman Talbot was named to the position of manager.

KOA's inaugural broadcast took place on Monday, December 15, 1924. In April of the following year the power was increased to 2,000 watts, and again in November to 5,000 watts. In April of 1927 it was briefly raised to 12,500 watts on 920 kHz, but in a quick succession of changes ordered by the new Federal Radio Commission, its power was reduced to 10,000 watts day/5,000 watts night, and then to 5,000 watts day,/2,500 watts night. Finally, in November of 1928, KOA was again permitted to operate with 12,500 watts and moved to its new frequency of 830 kHz.

KOA enjoyed only two years of stand-alone operation before it became a network affiliate. Like its sister stations WGY and KGO, the Denver station was chosen to be NBC's key affiliate in the mountain region. In fact, for the first year of its operations starting in 1926, NBC's East Coast network feeds only reached as far as Denver, and KOA broadcast programs from both the NBC Red and Blue networks.

Starting in 1929, when AT&T completed its transcontinental network quality phone lines, KOA also broadcast NBC Orange network programs fed east from San Francisco. As a result, KOA had its pick of the best programs from all three networks.

As in San Francisco, NBC formally took over the operation of KOA from General Electric in October of 1929, even though the station continued to be owned by G.E. for several more years. In 1932, a new KOA studio/transmitter building was constructed at 18500 East Colfax Avenue in Aurora, Colorado. It was an imposing art deco brick structure with the General Electric logo carved into its stone façade, and giant replicas of two radio microphones flanking the main entrance.

The new 50,000 watt G.E. transmitter installed there was a direct descendent of the transmitter first developed for WGY. A decorative water fountain on the front lawn of the building served double duty, as it was also a cooling pond for KOA's water-cooled transmitter.

The Aurora building was built to house elaborate new KOA studios, but they were in service for only two short years. In 1934, new studios were completed on the 4th, 5th and 6th floors of the NBC Building at 1625 California Street in Denver and the glorious building in Aurora became just an oversized transmitter building. In 1934, a 475 foot self-supporting tower was completed at the site, the highest self-supporting tower in the U.S. at the time.

KOA vacated the Colfax Avenue building in 1959. It is now home to the Colorado Department of Transportation and the Colorado State Patrol. It was declared to be an historic landmark by the City of Aurora.

Breakup of the "Radio Group"

For most of commercial broadcasting's first decade, the industry and its technology were controlled in large part by the big corporations that formed the "Radio Group" – General Electric, Westinghouse and RCA (which was itself owned in large part by the two companies), and to some extent AT&T. Between them, the companies controlled the nation's biggest broadcasting stations and NBC's Red and Blue Networks. They also controlled the most important radio patents, which gave them a monopoly on the design and manufacture of radio transmitters, receivers and vacuum tubes. It was impossible for others to compete effectively against "the octopus."

Finally, in May 1930, the U.S. Department of Justice brought an anti-trust suit against the four companies. The deck was about to be re-shuffled.

After more than two years of negotiations between the government and the companies, a consent decree was decided upon that resulted in General Electric and Westinghouse divesting themselves of all interest in RCA and NBC. The companies would continue to own their stations, but NBC would operate them. Shortly thereafter, G.E. would sell KGO and KOA to NBC, leaving them with WGY as their only company-owned radio broadcaster.

General Electric, the giant electrical conglomerate, would go back to its core business of power generation and transmission, and plow new ground with both heavy industry and consumer products. But it left behind a legacy in the form of three of the country's most important AM broadcasting stations. In later years it would continue to make radio waves in shortwaves and broadcast transmitter design.

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STATE OF CALIFORNIA—BUSINESS, TRANSPORTATION AND HOUSING AGENCY EDMUND G. BROWN Jr., Governor

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Mr. Peterson Vollmann
Community and Economic Development Agency
City of Oakland
250 Frank H. Ogawa Plaza, Suite 2115
Oakland, CA 94612

Dear Mr. Vollmann:

General Electric Site Demolition – Notice of Preparation

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the General Electric Site Demolition Project. The following comments are based on the Notice of Preparation.

Traffic Management Plan
If it is determined that traffic restrictions and pedestrian / bicycle detours are needed, a Transportation Management Plan or construction traffic impact study may be required by the project proponent for approval by the lead agency and Caltrans prior to construction. The plans shall be prepared in accordance with Caltrans' *Manual of Traffic Controls for Construction and Maintenance Work Zones*. Further information is available on the following website:
http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/pdf/camutcd2012/Part6.pdf

Transportation Permit
Project work that requires movement of oversized or excessive load vehicles on state roadways, requires a transportation permit that is issued by Caltrans. To apply, a completed transportation permit application with the determined specific route(s) for the shipper to follow from origin to destination must be submitted to the address below.

Office of Transportation Permits
California Department of Transportation
P.O. Box 942874
Sacramento, CA 94274-0001

See the following website link for more information:
http://www/dot.ca.gov/hq/traffops/permits/.

Encroachment Permit
Any work or traffic control within the State Right-of-Way (ROW) requires an encroachment permit that is issued by Caltrans. Traffic-related mitigation measures will be incorporated into the construction plans during the encroachment permit process. See the following website link for more information: http://www.dot.ca.gov/hq/traffops/developserv/permits/

To apply for an encroachment permit, submit a completed encroachment permit application, environmental documentation, and five (5) sets of plans which clearly indicate State ROW to the address at the top of this letterhead, marked ATTN: Michael Condie, Mail Stop #5E.

Should you have any questions regarding this letter, please call Yatman Kwan, AICP of my staff at (510) 622-1670.

Sincerely,

ERIK ALM, AICP
District Branch Chief
Local Development - Intergovernmental Review

c: State Clearinghouse

STATE OF CALIFORNIA

GOVERNOR'S OFFICE *of* PLANNING AND RESEARCH

STATE CLEARINGHOUSE AND PLANNING UNIT

EDMUND G. BROWN JR.
GOVERNOR

KEN ALEX
DIRECTOR

Memorandum

Date: July 24, 2012

To: All Reviewing Agencies

From: Scott Morgan, Director

Re: SCH # 2012072024
General Electrical Site Demolition

Pursuant to the attached letter, the Lead Agency has revised the Notice of Preparation and extended the review period for the above referenced project to **August 31, 2012** to accommodate the review process. All other project information remains the same.

RECEIVED
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City of Oakland
Planning & Zoning Division

cc: Scott Miller
City of Oakland
250 Frank H. Ogawa Plaza, Suite 2114
Oakland, CA 94612-2031

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- [ ] Dept. of Fish & Game M
  George Isaac
  Marine Region

Other Departments

- [ ] Food & Agriculture
  Sandra Schubert
  Dept. of Food and Agriculture
- [ ] Depart. of General Services
  Public School Construction
- [ ] Dept. of General Services
  Anna Garbeff
  Environmental Services Section
- [ ] Dept. of Public Health
  Bridgette Binning
  Dept. of Health/Drinking Water
- [ ] Delta Stewardship Council
  Kevan Samsam

Independent Commissions,Boards

- [ ] Delta Protection Commission
  Michael Machado
- [ ] Cal EMA (Emergency Management Agency)
  Dennis Castrillo
- [x] Native American Heritage Comm.
  Debbie Treadway
- [ ] Public Utilities Commission
  Leo Wong
- [ ] Santa Monica Bay Restoration
  Guangyu Wang
- [ ] State Lands Commission
  Jennifer Deleong
- [ ] Tahoe Regional Planning Agency (TRPA)
  Cherry Jacques

Business, Trans & Housing

- [x] Caltrans - Division of Aeronautics
  Philip Crimmins
- [ ] Caltrans - Planning
  Terri Pencovic
- [x] California Highway Patrol
  Suzann Ikeuchi
  Office of Special Projects
- [ ] Housing & Community Development
  CEQA Coordinator
  Housing Policy Division

Dept. of Transportation

- [ ] Caltrans, District 1
  Rex Jackman
- [ ] Caltrans, District 2
  Marcelino Gonzalez
- [ ] Caltrans, District 3
  Gary Arnold
- [x] Caltrans, District 4
  Erik Alm
- [ ] Caltrans, District 5
  David Murray
- [ ] Caltrans, District 6
  Michael Navarro
- [ ] Caltrans, District 7
  Dianna Watson
- [ ] Caltrans, District 8
  Dan Kopulsky
- [ ] Caltrans, District 9
  Gayle Rosander
- [ ] Caltrans, District 10
  Tom Dumas
- [ ] Caltrans, District 11
  Jacob Armstrong
- [ ] Caltrans, District 12
  Marlon Regisford

Cal EPA

Air Resources Board

- [ ] Airport/Energy Projects
  Jim Lerner
- [ ] Transportation Projects
  Douglas Ito
- [ ] Industrial Projects
  Mike Tollstrup
- [ ] State Water Resources Control Board
  Regional Programs Unit
  Division of Financial Assistance
- [ ] State Water Resources Control Board
  Student Intern, 401 Water Quality Certification Unit
  Division of Water Quality
- [ ] State Water Resouces Control Board
  Phil Crader
  Division of Water Rights
- [x] Dept. of Toxic Substances Control
  CEQA Tracking Center
- [ ] Department of Pesticide Regulation
  CEQA Coordinator

Regional Water Quality Control Board (RWQCB)

- [ ] RWQCB 1
  Cathleen Hudson
  North Coast Region (1)
- [x] RWQCB 2
  Environmental Document Coordinator
  San Francisco Bay Region (2)
- [ ] RWQCB 3
  Central Coast Region (3)
- [ ] RWQCB 4
  Teresa Rodgers
  Los Angeles Region (4)
- [ ] RWQCB 5S
  Central Valley Region (5)
- [ ] RWQCB 5F
  Central Valley Region (5)
  Fresno Branch Office
- [ ] RWQCB 5R
  Central Valley Region (5)
  Redding Branch Office
- [ ] RWQCB 6
  Lahontan Region (6)
- [ ] RWQCB 6V
  Lahontan Region (6)
  Victorville Branch Office
- [ ] RWQCB 7
  Colorado River Basin Region (7)
- [ ] RWQCB 8
  Santa Ana Region (8)
- [ ] RWQCB 9
  San Diego Region (9)

- [ ] Other _____

- [ ] _____ Conservancy

Last Updated 6/26/2012

APPENDIX B

INITIAL STUDY

Prepared for

City of Oakland
Community and Economic Development Agency (CEDA)
Planning Division
250 Frank H. Ogawa Plaza, Suite 3315
Oakland, CA 94612

FINAL INITIAL STUDY

GENERAL ELECTRIC SITE
5441 International Boulevard
Oakland, California

Prepared by

Geosyntec consultants

engineers | scientists | innovators

10875 Rancho Bernardo Road, Suite 200
San Diego, CA 92127

City of Oakland File No.: ER11-0011
Reference No.: SC0509

28 June 2012

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LIST OF FIGURES

Figure 1: Site Location

Figure 2: Site Layout

ATTACHMENTS

Attachment A: URBEMIS Construction Emission Estimate Report

Attachment B: Sausal Creek Watershed Map

City of Oakland
File No. ER11-0011
Reference No. SC0509

INITIAL STUDY AND ENVIRONMENTAL REVIEW CHECKLIST

California Environmental Quality Act (CEQA)

1. **Project Title:** GE Demolition – International Boulevard

2. **Lead Agency:** City of Oakland
Community and Economic Development Agency (CEDA)
Planning Division
250 Frank H. Ogawa Plaza, Suite 3315
Oakland, CA 94612

3. **Contact Person:** Peterson Vollmann, Planner III
(510) 238-6167
pvollmann@oaklandnet.com

4. **Project Location:** 5441 International Boulevard
Oakland, CA 94601

5. **Project Sponsor:** Geosyntec Consultants
10875 Rancho Bernardo Road, Suite 200
San Diego, CA 92127
Attn: Jim Cox
(858) 674-6559
jcox@geosyntec.com

6. **General Plan Designation:** General Industrial

7. **Zoning:** IG/S-19, General Industrial / Health and Safety Protection Overlay
CN-3, Neighborhood Commercial Zone

8. **Description of Project:**

The General Electric Company (GE) Oakland Facility is located at 5441 International Boulevard, Oakland, California (the site). The site consists of approximately 24 acres on International Boulevard, between 54th and 57th Avenues, and east of San Leandro Street (Figure 1).

General Electric Company (GE) purchased the project site as an undeveloped property in 1922. In 1923 GE developed the property to house transformer manufacturing operations. Between 1975 and the mid-1990s, GE Apparatus Service Department (ASD) operated an electrical equipment maintenance and repair operation in portions of the site. Afterwards, the site was used for a period of time for storage of mobile office trailers. There are eight buildings that remain on the site (Buildings 1, 2, 4, 8, 17, 18, 20, and 21); these buildings were constructed between 1924 and 1975 (Figure 2). The site is currently unoccupied, surrounded by a fence, and has onsite security 24 hours a day.

The property was inspected on 2 March 2010 by CEDA, who issued a Declaration of Public Nuisance – Substandard (Declaration) on 21 May 2010 (Complaint #1001777). Therefore, based on the age of the buildings and their current condition, a review of current City of Oakland (City) building codes, the issuance of the Declaration by CEDA, and due to impacts of hazardous constituents in building materials (such as lead, asbestos, and polychlorinated biphenyls (PCBs)), GE proposed to demolish the existing buildings on the site. An application for demolition of the eight existing buildings on the property was submitted to the City of Oakland Building Services on 30 July 2010 and permits were issued on 3 January 2011, contingent upon environmental review.

The proposed demolition does not include foundations or any other elements that would require excavation; the demolition will consist of removing above ground features such as walls and appurtenances. It is anticipated the demolition will take approximately 4 months to complete and an estimated total of 200 truckloads of material will be removed from the site over the project duration. Demolition debris impacted with hazardous constituents will be appropriately disposed of.

There are currently no plans for redeveloping the site following demolition. Therefore, the site shall remain vacant in the interim.

9. **Surrounding Land Uses and Setting:**

The property is bordered by:

- Northwest and Northeast – Commercial and residential property. The residential properties to the northwest of the site and northeast of International Boulevard are typically composed of single-family homes. The commercial property in this area is composed of retail establishments such as markets, automotive repair shops, and some manufacturing.
- Southeast – Industrial property. The industrial property to the southeast is primarily composed of one factory with additional manufacturing facilities towards the southern end of the property.
- Southwest – Union Pacific railroad tracks and Bay Area Rapid Transit (BART) tracks.

10. **Actions/permits which may be required, and for which this document provides CEQA clearance, include without limitation:**

- Demolition Permits
- Plumbing Permit (for abandoning sanitary sewer drains in place)
- Bay Area Air Quality Management District (BAAQMD) Demolition Notification Form

11. **Other Public Agencies Interested in the Project:**

- California Department of Toxic Substances Control (DTSC)
- California Office of Historic Preservation

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages, which will be further studied in the EIR. No other environmental factors will be further studied in the EIR.

☐ Aesthetics	☐ Agricultural Resources	☐ Air Quality
☐ Biological Resources	☒ Cultural Resources	☐ Geology/Soils
☐ Hazards/Hazardous Materials	☐ Hydrology/Water Quality	☐ Land Use/Planning
☐ Mineral Resources	☐ Noise	☐ Population/Housing
☐ Public Services	☐ Recreation	☐ Transportation/Traffic
☐ Utilities/Service Systems	☐ Mandatory Findings of Significance	

City of Oakland
File No. ER11-0011
Reference No. SC0509

DETERMINATION

On the basis of this initial evaluation:

I find that the proposed project COULD NOT have a significant effect on the environment with Uniformly Applied Development Standards imposed as Standards Conditions of Approval, and a NEGATIVE DECLARATION will be prepared. ☐

I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because mitigation measures and Uniformly Applied Development Standards (imposed as Standard Conditions of Approval) have been imposed on the project. A MITIGATED NEGATIVE DECLARATION will be prepared. ☐

I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in earlier document(s) pursuant to applicable legal standards, and 2) has been addressed by mitigation measures or Uniformly Applied Development Standards (imposed as Standard Conditions of Approval) based on the earlier analysis, and, in part, on CEQA Guidelines section 15183. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed, which includes **cultural resources**. No other environmental factors will be further studied. ☒

I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required. ☐

Signature

7-12-12
Date

Peterson Vollmann
Planner III

For Scott Miller
Interim Planning & Zoning Director
Environmental Review Officer

EVALUATION OF ENVIRONMENTAL IMPACTS

CEQA requires that an explanation of all answers be provided along with this checklist, including a discussion of ways to mitigate any significant effects identified.

Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, less than significant with development standards, or less than significant. As defined here, a "Potentially Significant Impact" is appropriate if the significant effect is considered to have a substantial or potentially substantial adverse effect on the environment. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

A "Less than Significant with Mitigation" answer applies where incorporation of a mitigation measure has reduced an effect from a "Potentially Significant Impact" to a "Less than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.

A "Less than Significant with Standard Condition of Approval" answer applies where incorporation of a development standard has reduced an effect from a "Potentially Significant Impact" to a "Less than Significant Impact." The City's Uniformly Applied Development Standards (contained in a separate document) are incorporated into projects as Standard Conditions of Approval regardless of a project's environmental determination. As applicable, the Standard Conditions of Approval are adopted as requirements of an individual project when it is approved by the City and are designed to, and will, substantially mitigate environmental effects, in part, pursuant to CEQA Guidelines section 15183. In reviewing project applications, the City determines which of the standard conditions are applied, based upon the zoning district, community plan, and the types of permits/approvals required for the project. Depending on the specific characteristics of the project type and/or project site, the City will determine which standard conditions apply to each project; for example, standard conditions related to creek protection permits will only be applied to projects on creek side properties.

The Standard Conditions of Approval incorporate development policies and standards from various adopted plans, policies, and ordinances (such as the Oakland Planning and Municipal Codes, Oakland Creek Protection, Stormwater Water Management and Discharge Control Ordinance, Oakland Tree Protection Ordinance, Oakland Grading Regulations, National Pollutant Discharge Elimination System (NPDES) permit requirements, Housing Element-related mitigation measures, California Building Code, and Uniform Fire Code, among others), which have been found to substantially mitigate environmental effects. Where there are peculiar circumstances associated with a project or project site that will result in significant environmental impacts despite implementation of the Standard Conditions, the City will determine whether there are feasible mitigation measures to reduce the impact to less than significant levels in the course of appropriate CEQA review (mitigated negative declarations or EIRs).

A "Less than Significant Impact" answer applies where the project creates no substantial or potentially substantial adverse effect on the environment.

A "No Impact" answer applies where a project does not create any impact in that category. A "No Impact" answer needs to be adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved. A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
I. AESTHETICS, SHADOW, AND WIND -- Would the project:					
a) Have a substantial adverse effect on a public scenic vista?	☐	☐	☐	☐	☒
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings located within a state or locally designated scenic highway?	☐	☐	☐	☐	☒
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	☐	☐	☐	☐	☒
d) Create a new source of substantial light or glare which would substantially and adversely affect day or nighttime views in the area?	☐	☐	☐	☐	☒
e) Introduce landscape that now or in the future cast substantial shadows on existing solar collectors (in conflict with California Public Resource Code sections 25980-25986)?	☐	☐	☐	☐	☒
f) Cast shadows that substantially impairs the function of a building using passive solar heat collection, solar collectors for hot water heating, or photovoltaic solar collectors?	☐	☐	☐	☐	☒
g) Cast a shadow that substantially impairs the beneficial use of any public or quasi-public park, lawn, garden, or open space?	☐	☐	☐	☐	☒
h) Cast shadow on an historic resource, as defined by CEQA Guidelines section 15064.5(a), such that the shadow would materially impair the resource's historic significance by materially altering those physical characteristics of the resource that convey its historical significance and that justify its inclusion on or eligibility for listing in the National Register of Historic Places, California Register of Historical Resources, Local Register of Historic Resources or a historical resource survey form (DPR Form 523) with a rating of 1-5?	☐	☐	☐	☐	☒
i) Require an exception (variance) to the policies and regulations in the General Plan, Planning Code, or Uniform Building Code, and the exception causes a fundamental conflict with policies and regulations in the General Plan, Planning Code, and Uniform Building Code addressing the Provision of adequate light related to appropriate uses?	☐	☐	☐	☐	☒
j) Create winds that exceed 36 mph for more than 1 hour during daylight hours during the year?	☐	☐	☐	☐	☒

Discussion:

The project involves removing structures and would not degrade the aesthetics as described above. Building 1 contains an A1+ historic designation and is proposed for demolition; however the property is not located within a

state or locally designated scenic highway. Issues related to the removal of Building 1 are further discussed in Section V – Cultural Resources.

The proposed project does not include new construction and as such the project would not affect a scenic vista, create a new source or light or glare, cast shadows, or require an exception to policies or regulations related to the provision of adequate light.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
II. AGRICULTURAL AND FOREST RESOURCES -- Would the project:					
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resource Agency, to non-agricultural use?	☐	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☐	☒

Discussion:

The site is located in a General Industrial Zone, with a portion of the northeast end being zoned in a Neighborhood Commercial Zone as designated in Oakland's General Plan and Zoning Ordinance. The project is not located in or near an agricultural area or forest land. Therefore, the project would not convert farmland or conflict with an agricultural use or convert forest land to non-forest use.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
III. AIR QUALITY -- Would the project:					
Project-Level Impacts					
a) During project construction result in average daily emissions of 54 pounds per day of ROG, NO_x, or $PM_{2.5}$ or 82 pounds per day of PM_{10}?	☐	☐	☐	☒	☐
b) During project operation result in average daily emissions of 54 pounds per day of ROG, NO_x, or $PM_{2.5}$ or 82 pounds per day of PM_{10}; or result in maximum annual emissions of 10 tons per year of ROG, NO_x, or $PM_{2.5}$ or 15 tons per year of PM_{10}?	☐	☐	☐	☐	☒
c) Contribute to carbon monoxide (CO) concentrations exceeding the California Ambient Air Quality Standards (CAAQS) of 9 parts per million (ppm) averaged over eight hours and 20 ppm for one hour?	☐	☐	☐	☐	☒
d) During either project construction or project operation expose persons by siting a new source or a new sensitive receptor to substantial levels of Toxic Air Contaminants (TACs) resulting in: i) a cancer risk level greater than 10 in one million ii) a non-cancer risk (chronic or acute) hazard index greater than 1.0 iii) an increase of annual average $PM_{2.5}$ of greater than 0.3 micrograms per cubic meter?	☐	☐	☐	☐	☒
e) Frequently and for a substantial duration, create or expose sensitive receptors to substantial objectionable odors affecting a substantial number of people?	☐	☐	☐	☐	☒
Project Level Cumulative Impacts					
f) During either project operation or project construction expose persons, by siting a new source or a new sensitive receptor, to substantial levels of TACs resulting in: i) a cancer risk level greater than 100 in a million ii) a non-cancer risk (chronic or acute) hazard index greater than 10.0 iii) annual average $PM_{2.5}$ of greater than 0.8 micrograms per cubic meter?	☐	☐	☐	☐	☒
Plan-Level Impacts					
g) Fundamentally conflict with the Bay Area Clean Air Plan (CAP) because the projected rate of increase in vehicle miles traveled (VMT) or vehicle trips is greater than the rate of increase in population?	☐	☐	☐	☐	☒
h) Fundamentally conflict with the CAP because the project does not demonstrate reasonable efforts to implement control measures contained in the CAP?	☐	☐	☐	☐	☒

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
i) Not include special overlay zones containing goals, policies, and objectives to minimize potential TAC impacts in areas located: i) near existing and planned sources of TACs ii) within 500 feet of freeways and high-volume roadways containing 100,000 or more average daily vehicle trips?	☐	☐	☐	☐	☒
j) Not identify existing and planned sources of odors with policies to reduce potential odor impacts?	☐	☐	☐	☐	☒

Discussion:

The proposed project is the demolition of the existing eight buildings on the project site. An estimated maximum of approximately 200 trips total would be required for offsite transportation of demolition waste for the duration of the project. In addition, emissions will be produced from heavy equipment used onsite for demolition activities. Based on the short duration, the project would not result in a considerable net increase of criteria pollutants, and is considered to have a less than significant impact. The Urban Land Use Emissions Model (URBEMIS) was used to estimate emissions during demolition, as recommended by Bay Area Air Quality Management District (BAAQMD). The URBEMIS results indicate that the proposed project would not exceed the daily maximum thresholds for construction emissions, including 54 pounds per day for ROG, NO_X, and $PM_{2.5}$ or maximum PM_{10} exhaust emissions of 82 pounds per day (Attachment A). In addition, the short duration of the 4 month project and limited usage of equipment will not contribute to CO concentrations exceeding the CAAQS. There are no redevelopment plans, therefore there are no emissions related to operation following demolition.

The proposed project would not result in the potential to expose persons to substantial levels of TACs such that the probability of contracting cancer exceed 10 in one million nor result in ground level concentrations of non-carcinogenic TACs such that the Hazards Index would be greater than 1.0. The project will not result in an increase of an annual average $PM_{2.5}$ of greater than 0.8 micrograms per cubic meter. No odors will be generated during demolition activities. Activities related to the demolition would not result in substantial levels of TAC.

Plan-level impacts do not apply to the proposed project since redevelopment of the property is not currently proposed.

Dust control measures and dust monitoring program would be implemented during the demolition work and are compliant with the Dust Control Standard Condition listed below. Therefore, the potential for the project to violate air quality standards is less than significant with City's Standard Conditions of Approvals for dust control and construction emissions listed below.

STANDARD CONDITION AIR – 1

<u>Construction-Related Air Pollution Controls (Dust and Equipment Emissions)</u>
Ongoing throughout demolition

During construction, the project applicant shall require the construction contractor to implement all of the following applicable measures recommended by the BAAQMD:

a) Water all exposed surfaces of active construction areas at least twice daily (using reclaimed water if possible). Watering should be sufficient to prevent airborne dust from

leaving the site. Increased watering frequency may be necessary whenever wind speeds exceed 15 miles per hour. Reclaimed water should be used whenever possible.

b) Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard (i.e., the minimum required space between the top of the load and the top of the trailer).
c) All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
d) Pave all roadways, driveways, sidewalks, etc. as soon as feasible.
e) Enclose, cover, water twice daily, or apply (non-toxic) soil stabilizers to exposed stockpiles (dirt, sand, etc.).
f) Limit vehicle speeds on unpaved roads to 15 miles per hour.
g) Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485, of the California Code of Regulations. Clear signage to this effect shall be provided for construction workers at all access points.
h) All construction equipment shall be maintained and properly tuned in accordance with the manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
i) Post a publicly visible sign that includes the contractor's name and telephone number to contact regarding dust complaints. When contacted, the contractor shall respond and take corrective action within 48 hours. The telephone numbers of contacts at the City and the BAAQMD shall also be visible. This information may be posted on other required onsite signage.
j) Install sandbags or other erosion control measures to prevent silt runoff to public roadways.
k) Designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holidays and weekend periods when work may not be in progress.
l) Install appropriate wind breaks (e.g., trees, fences) on the windward side(s) of actively disturbed areas of the construction site to minimize windblown dust. Wind breaks must have a maximum 50 percent air porosity.
m) Activities shall be phased to reduce the amount of disturbed surfaces at any one time.
n) All trucks and equipment, including tires, shall be washed off prior to leaving the site.
o) Site accesses to a distance of 100 feet from the paved road shall be treated with a 6- to 12-inch compacted layer of wood chips, mulch, or gravel.
p) Minimize the idling time of diesel-powered construction equipment to two minutes.
q) The project applicant shall develop a plan demonstrating that the off-road equipment (more than 50 horsepower) to be used in the construction project (i.e., owned, leased, and subcontractor vehicles) would achieve a project wide fleet-average 20 percent NO_x reduction and 45 percent particulate matter (PM) reduction compared to the most recent California Air Resources Board (CARB) fleet average. Acceptable options for reducing emissions include the use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, add-on devices such as particulate filters, and/or other options as they become available.

r) All construction equipment, diesel trucks, and generators shall be equipped with Best Available Control Technology for emission reductions of NO_x and PM.

s) Off-road heavy diesel engines shall meet the CARB's most recent certification standard.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES -- Would the project:					
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☐	☒
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☐	☒
c) Have a substantial adverse effect on federally protected wetlands (as defined by section 404 of the Clean Water Act) or state protected wetlands, through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☐	☒
d) Substantially interfere with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☐	☒
e) Fundamentally conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☐	☐	☒
f) Fundamentally conflict with the City of Oakland Tree Preservation Ordinance (Oakland Municipal Code (OMC) Chapter 12.36) by removal of protected trees under certain circumstances? Factors to be considered in determining significance include: The number, type, size, location, and condition of (i) the protected trees to be removed and/or impacted by construction and (ii) the protected trees to remain, with special consideration given to native trees. Protected trees include the following: *Quercus agrifolia* (California or coast live oak) measuring four inches diameter at breast height (dbh) or larger, and any other tree measuring nine inches dbh or larger except eucalyptus and *Pinus radiata* (Monterey pine); provided, however, that Monterey pine trees on City property and in development-related situations where more than five Monterey pine trees per acre are proposed to be removed are considered to be protected trees.	☐	☐	☐	☐	☒

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
g) Fundamentally conflict with the City of Oakland Creek Protection Ordinance (OMC Chapter 13.16) intended to protect biological resources. Although there are no specific, numeric/ quantitative criteria to assess impacts, factors to be considered in determining significance include whether there is substantial degradation of riparian and aquatic habitat through: i) discharging a substantial amount of pollutants into a creek; ii) significantly modifying the natural flow of the water; iii) depositing substantial amounts of new material into a creek or causing substantial bank erosion or instability; or iv) adversely impacting the riparian corridor by significantly altering vegetation or wildlife habitat?	☐	☐	☐	☐	☒

Discussion:

The project was developed for industrial uses in the 1920s. It is located in an industrial area and is surrounded by manufacturing, residential, and commercial areas. There are no wetlands, creeks, or riparian zones located on the site or in the area nearby. Historically, a 54th Avenue Creek drained onto the property at the northwest corner; however, records indicate it was buried or drained circa 1850 (Attachment B). Suitable habitat to support candidate, sensitive, or special status species does not exist on the project site or surrounding area. Vegetation on the property would not be disturbed or removed as part of the demolition. Therefore, no impacts to biological resources are projected.

V. CULTURAL RESOURCES -- Would the project:

a) Cause a substantial adverse change in the significance of an historical resource as defined in CEQA Guidelines section 15064.5. Specifically, a substantial adverse change includes physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of the historical resource would be "materially impaired." The significance of an historical resource is "materially impaired" when a project demolishes or materially alters, in an adverse manner, those physical characteristics of the resource that convey its historical significance **and** that justify its inclusion on, or eligibility for inclusion on an historical resource list (including the California Register of Historical Resources, the National Register of Historical Resources, Local Register, or historical resources survey form (DPR Form 523) with a rating of 1-5)?	☒	☐	☐	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to section 15064.5?	☐	☐	☐	☐	☒
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☐	☐	☒
d) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☐	☐	☒

Discussion:

In 1994, a Reconnaissance Survey was completed by the Oakland Cultural Heritage Survey; the survey classified Building 1 as a potentially historical designated property, with a provisional rating of A1+. The proposed project is the demolition of all the buildings on the site, including Building 1. Building 1 and the other buildings have been vacant for several years. Considering the age of the building, its current physical condition, City of Oakland building codes, and due to impacts of hazardous constituents in building materials, demolition of the buildings was deemed appropriate by the site owner. The removal of the Building 1 designated A1+ structure will be further discussed in the EIR.

Soil would not be disturbed as part of the proposed project and as such there would be no impacts to archaeological or paleontological resources. The proposed project would not have the potential to disturb human remains including those interred outside of formal cemeteries.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
VI. GEOLOGY AND SOILS -- Would the project:					
a) Expose people or structures to substantial risk of loss, injury, or death involving:					
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map or Seismic Hazards Map issued by the State Geologist for the area or based on other substantial evidence of a known fault (refer to California Geological Survey 42 and 117 and Public Resources Code section 2690 et. seq.)?	☐	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☐	☐	☐	☒
iii) Seismic-related ground failure, including liquefaction, lateral spreading, subsidence, collapse?	☐	☐	☐	☐	☒
iv) Landslides?	☐	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil, creating substantial risks to life, property, or creek/waterways?	☐	☐	☐	☐	☒
c) Be located on expansive soil, as defined in section 1802.3.2 of the California Building Code (2007, as it may be revised), creating substantial risks to life or property?	☐	☐	☐	☐	☒
d) Be located above a well, pit, swamp, mound, tank vault, or unmarked sewer line, creating substantial risks to life or property?	☐	☐	☐	☐	☒

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
e) Be located above landfills for which there is no approved closure and post-closure plan, or unknown fill soils, creating substantial risks to life or property?	☐	☐	☐	☐	☒
f) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	☐	☒

Discussion:

The proposed project consists of removing surface buildings; no subsurface activity is proposed. There would be no new construction and no new population would be introduced on the site. There would be no seismic- or soil-related impacts from project implementation.

VII. GREENHOUSE GAS EMISSIONS / GLOBAL CLIMATE CHANGE -- Would the project:

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment, specifically:					
Project-Level Impacts					
i) For a project involving a stationary source, produce total emissions of more than 10,000 metric tons of CO_{2e} annually?	☐	☐	☐	☐	☒
ii) For a project involving a land use development, produce total emissions of more than 1,100 metric tons of CO_{2e} annually and more than 4.6 metric tons of CO_{2e} per service population annually?	☐	☐	☐	☐	☒
Plan-Level Impacts					
iii) Produce emissions of more than 6.6 metric tons of CO_{2e} per service population annually?	☐	☐	☐	☐	☒
b) Fundamentally conflict with an applicable plan, policy, or regulation adopted for the purposes of reducing greenhouse gas emissions?	☐	☐	☐	☐	☒

Discussion:

The project involves only a short-term demolition phase and would not be a continuing source of greenhouse gas emissions or result in long-term climate change impacts. Discussed below are the demolition-related activities that could contribute to the generation of increased greenhouse gas emissions during the project's short (4-month) duration:

- Motor Vehicle Use – Transportation associated with the proposed project would result in greenhouse gas emissions from the combustion of fossil fuels in daily automobile and truck trips.

- Heavy Equipment – Construction equipment typically uses fossil-based fuels to operate. The combustion of fossil-based fuels creates greenhouse gases such as carbon dioxide, methane, and nitrous oxide. Furthermore, methane is emitted during the fueling of heavy equipment.
- Water Use – California's water conveyance system is energy-intensive, with electricity used to pump and treat water. Minimal amounts of water would be used during demolition activities for dust control.
- Construction Waste – The proposed project would be required to comply with the Construction and Waste Reduction Ordinance and has submitted a Waste Reduction and Recycling Plan (WRRP) for review and approval with the Demolition Permit application package. Clean materials appropriate for reuse onsite would result in reduced construction-related truck traffic and associated emissions. In addition, reuse of concrete, brick, and other debris would reduce the amount of material introduced to area landfills.

Although no significant impacts related to greenhouse gas emissions have been identified, and no mitigation is required, the project's greenhouse gas emissions generated during construction and operation would be minimized by best management construction practices as described in Standard Condition AIR-1 in Section III.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
VIII. HAZARDS AND HAZARDOUS MATERIALS -- Would the project:					
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐	☐
c) Create a significant hazard to the public through the storage or use of acutely hazardous materials near sensitive receptors?	☐	☐	☐	☐	☒
d) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☐	☒
e) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code section 65962.5 (i.e. "Cortese List") and, as a result, would create a significant hazard to the public or the environment?	☐	☐	☐	☐	☒
f) Result in less than two emergency access routes for streets exceeding 600 feet in length unless otherwise determined to be acceptable by the Fire Chief, or his/her designee, in specific					

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
instances due to climatic, geographic, topographic, or other conditions?	☐	☐	☐	☐	☒
g) Be located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, and would result in a significant safety hazard for people residing or working in the project area?	☐	☐	☐	☐	☒
h) Be located within the vicinity of a private airstrip, and would result in a significant safety hazard for people residing or working in the project area?	☐	☐	☐	☐	☒
i) Fundamentally impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☐	☒
j) Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	☐	☐	☐	☐	☒

Discussion:

There are currently eight buildings on the site; these buildings were constructed between 1924 and 1975 to house transformer manufacturing operations. Between 1975 and the mid-1990s, electrical equipment maintenance and repair operations were performed in portions of the site. The site was then used for a period of time for storage of mobile office trailers. The site is currently vacant. Due to the materials used for constructing and maintaining the buildings and for manufacturing operations, the building materials are impacted with hazardous materials. The site is listed on the Government Code Section 65962.5 list (Cortese List), but it only applies to the impacts in the subsurface,[1] and therefore the buildings on the site are not part of this list.

The site is under a Consent Order (Docket #HSA 96/97-061) with the California Department of Toxic Substances Control (DTSC) for remediating impacts in the subsurface. The primary constituents of concern at the site include PCBs in soil and chlorinated volatile organic compounds, including trichloroethene, cis-1,2-dichloroethene, and vinyl chloride, in groundwater and soil. The DTSC approved remedy includes institutional controls, targeted soil excavation, groundwater extraction and treatment, monitored natural attenuation, and capping the site. The DTSC completed an Initial Study related to the proposed remedy and determined that implementation of the remediation project will not result in any significant environmental impact (see Appendix E of the Final Remedial Action Plan).[2]

Two building material characterization studies have been completed and the data will be used to properly manage demolition materials and segregate them for reuse, recycling, and/or disposal.[3] The following constituents are

[1] The site is listed on the Cortese List due to the PCB manufacturing previously performed at the site. The potential contaminants of concern in the subsurface listed on the DTSC Envirostor website are PCBs, TCE, vinyl chloride, and cis-1,2-dichloroethene.

[2] Geosyntec, 2011, *Final Remedial Action Plan*. Prepared for General Electric, June 30.

[3] ARCADIS, 2009. *Draft Phase I Building Assessment Report*. Prepared for General Electric, January.
Geosyntec, 2010. *Phase II Building Materials Characterization Report*. Prepared for General Electric, July.

known to exist in building materials: PCBs, lead, asbestos, zinc, chromium, cadmium, and mercury. Initial mitigation efforts were completed in the fall of 2009 to remove asbestos, mercury switches, PCB ballasts, sodium light bulbs, and storage tanks. The remaining impacted materials are:

- Paint impacted with PCBs, lead, zinc, chromium, and cadmium;
- Brick and metal materials impacted by contaminated paint;
- Concrete impacted with PCBs and VOCs;
- Asbestos remains in roofing materials and window caulking; and
- Pentachlorophenol in treated wood support poles.

During demolition activities, the following measures would be implemented to prevent the above hazard impacts from migrating off site:

- Disposal containers will have hard lids and will be closed at the end of every shift. If stockpiles are used, they will be covered with plastic sheeting and sandbags.
- Waste containers transported off site will be covered during transportation.
- BMPs will be used as described in the site specific SWPPP to prevent demolition debris from entering the stormwater system.
- Dust control measures will be used as described in Section III.

Implementation of the City's Standard Condition of Approval – Hazards and Hazardous Materials (see below) would further reduce any potential impacts.

STANDARD CONDITION HAZ – 1

Hazards Best Management Practices
Prior to commencement of demolition

The project applicant and construction contractor shall ensure that construction of Best Management Practices (BMPs) are implemented as part of construction to minimize the potential negative effects to groundwater and soils. These shall include the following:

a) Follow manufacture's recommendations on use, storage, and disposal of chemical products used in construction.
b) Avoid overtopping construction equipment fuel gas tanks.
c) During routine maintenance of construction equipment, properly contain and remove grease and oils.
d) Properly dispose of discarded containers of fuels and other chemicals.
e) Ensure that construction would not have a significant impact on the environment or pose a substantial health risk to construction workers and the occupants of the proposed development. Soil sampling and chemical analyses of samples shall be performed to determine the extent of potential contamination beneath all UST's, elevator shafts, clarifiers, and subsurface hydraulic lifts when onsite demolition, or construction activities would potentially affect a particular development or building.
f) If soil, groundwater, or other environmental medium with suspected contamination is encountered unexpectedly during construction activities (e.g., identified by odor or visual staining, or if any underground storage tanks, abandoned drums or other hazardous

materials or wastes are encountered), the applicant shall cease work in the vicinity of the suspect material, the area shall be secured as necessary, and the applicant shall take all appropriate measures to protect human health and the environment. Appropriate measures shall include notification of regulatory agency(ies) and implementation of the actions described in the City's Standard Conditions of Approval, as necessary, to identify the nature and extent of contamination. Work shall not resume in the area(s) affected until the measures have been implemented under the oversight of the City or regulatory agency, as appropriate.

STANDARD CONDITION HAZ – 2

Asbestos Removal in Structures
Prior to issuance of a demolition permit

If asbestos-containing materials (ACM) are found to be present in building materials to be removed, the project applicant shall submit specifications signed by a certified asbestos consultant for the removal, encapsulation, or enclosure of the identified ACM in accordance with all applicable laws and regulations, including but not necessarily limited to: California Code of Regulations, Title 8; Business and Professions Code, Division 3; California Health and Safety Code 25915-25919.7; and Bay Area Air Quality Management District, Regulation 11, Rule 2, as may be amended.

STANDARD CONDITION HAZ – 3

Site Review by the Fire Services Division
Prior to the issuance of demolition permit

The project applicant shall submit plans for site review and approval to the Fire Prevention Bureau Hazardous Materials Unit. Property owner may be required to obtain or perform a Phase II hazard assessment.

STANDARD CONDITION HAZ – 4

Lead-Based Paint/Coatings, Asbestos, or PCB Occurrence Assessment
Prior to issuance of any demolition permit

The project applicant shall submit a comprehensive assessment report to the Fire Prevention Bureau, Hazardous Materials Unit, signed by a qualified environmental professional, documenting the presence or lack thereof of asbestos-containing materials (ACM), lead-based paint, and any other building materials or stored materials classified as hazardous waste by State or federal law.

STANDARD CONDITION HAZ – 5

Lead-Based Paint Remediation
Prior to issuance of any demolition permit

If lead-based paint is present, the project applicant shall submit specifications to the Fire Prevention Bureau, Hazardous Materials Unit signed by a certified Lead Supervisor, Project Monitor, or Project Designer for the stabilization and/or removal of the identified lead paint in accordance with all applicable laws and regulations, including but not necessarily limited to:

Cal/OSHA's Construction Lead Standard, 8 CCR1532.1 and DHS regulation 17 CCR Sections 35001 through 36100, as may be amended.

STANDARD CONDITION HAZ – 6

Other Materials Classified as Hazardous Waste
Prior to issuance of any demolition permit

If other materials classified as hazardous waste by State or federal law are present, the project applicant shall submit written confirmation to Fire Prevention Bureau, Hazardous Materials Unit that all State and federal laws and regulations shall be followed when profiling, handling, treating, transporting, and/or disposing of such materials.

STANDARD CONDITION HAZ – 7

Health and Safety Plan per Assessment
Prior to issuance of any demolition permit

If the required lead-based paint/coatings, asbestos, or PCB assessment finds presence of such materials, the project applicant shall create and implement a health and safety plan to protect workers from risks associated with hazardous materials during demolition, renovation of affected structures, and transport and disposal.

The proposed project consists of removing surface buildings; there would be no new construction and no new population would be introduced on the site. The proposed project would not result in a safety hazard related to proximity to an airport or private air strip, or from wildland fires. It would not interfere with an adopted emergency response or emergency evacuation plan.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
IX. HYDROLOGY AND WATER QUALITY -- Would the project:					
a) Violate any water quality standards or waste discharge requirements?	☐	☐	☒	☐	☐
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	☐	☐	☐	☐	☒
c) Result in substantial erosion or siltation on or offsite that would affect the quality of receiving waters?	☐	☐	☐	☐	☒
d) Result in substantial flooding on or offsite?	☐	☐	☐	☐	☒

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
e) Create or contribute substantial runoff which would exceed the capacity of existing or planned stormwater drainage systems?	☐	☐	☐	☐	☒
f) Create or contribute substantial runoff which would be an additional source of polluted runoff?	☐	☐	☐	☐	☒
g) Otherwise substantially degrade water quality?	☐	☐	☐	☐	☒
h) Place housing within a 100-year flood hazard area, as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map that would impede or redirect flood flows?	☐	☐	☐	☐	☒
i) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	☐	☐	☐	☐	☒
j) Expose people or structures to a substantial risk of loss, injury, or death involving flooding?	☐	☐	☐	☐	☒
k) Expose people or structures to a substantial risk of loss, injury, or death as a result of inundation by seiche, tsunami, or mudflow?	☐	☐	☐	☐	☒
l) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course, or increasing the rate or amount of flow, of a Creek, river or stream in a manner that would result in substantial erosion, siltation, or flooding, both on or offsite?	☐	☐	☐	☐	☒
m) Fundamentally conflict with the City of Oakland Creek Protection Ordinance (OMC Chapter 13.16) intended to protect hydrologic resources. Although there are no specific, numeric/quantitative criteria to assess impacts, factors to be considered in determining significance include whether there is substantial degradation of water quality through: i) discharging a substantial amount of pollutants into a creek; ii) significantly modifying the natural flow of the water or capacity; iii) depositing substantial amounts of new material into a creek or causing substantial bank erosion or instability; or iv) substantially endangering public or private property or threatening public health or safety?	☐	☐	☐	☐	☒

Discussion:

There is a potential for impacted demolition debris and dust to enter the stormwater system. A site-specific stormwater pollution prevention plan (SWPPP) would be adhered to during construction per the Standard Condition listed below. In addition, the existing Best Management Practices (BMPs) would be maintained during demolition; therefore the potential for having a violation of stormwater quality standards would be less than significant. As described in the Standard Conditions in Section III above, good housekeeping and street sweeping would be performed to mitigate migration of debris offsite.

STANDARD CONDITION HYD – 1

<u>Stormwater Pollution Prevention Plan (SWPPP)</u>
Prior to and ongoing throughout demolition

The project applicant must obtain coverage under the General Construction Activity Storm Water Permit (General Construction Permit) issued by the State Water Resources Control Board (SWRCB). The project applicant must file a notice of intent (NOI) with the SWRCB. The project applicant will be required to prepare a stormwater pollution prevention plan (SWPPP) and submit the plan for review and approval by the Building Services Division. At a minimum, the SWPPP shall include a description of construction materials, practices, and equipment storage and maintenance; a list of pollutants likely to contact stormwater; site-specific erosion and sedimentation control practices; a list of provisions to eliminate or reduce discharge of materials to stormwater; Best Management Practices (BMPs), and an inspection and monitoring program. Prior to the issuance of any construction-related permits, the project applicant shall submit to the Building Services Division a copy of the SWPPP and evidence of submittal of the NOI to the SWRCB. Implementation of the SWPPP shall start with the commencement of construction and continue through the completion of the project. After construction is completed, the project applicant shall submit a notice of termination to the SWRCB.

The proposed project consists of removing surface buildings and would not result in depleting groundwater supplies or interfering substantially with groundwater recharge, substantial erosion or siltation, flooding, or runoff. No new construction is currently proposed so housing will not be placed within a 100-year flood hazard area. Flood flows will not be impeded or redirected and the project will not result in inundation by seiche, tsunami, or mudflow. The existing drainage pattern will not be altered.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
X. LAND USE AND PLANNING -- Would the project:					
a) Physically divide an established community?	☐	☐	☐	☐	☒
b) Result in a fundamental conflict between adjacent or nearby land uses?	☐	☐	☐	☐	☒
c) Fundamentally conflict with applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect and actually result in a physical change in the environment?	☐	☐	☐	☐	☒
d) Fundamentally conflict with any applicable habitat conservation plan or natural community conservation plan?	☐	☐	☐	☐	☒

Discussion:

The proposed project consists of removing surface buildings. The proposed project would not physically divide an established community, conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project, or conflict with any applicable habitat conservation plan or natural community conservation plan.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
XI. MINERAL RESOURCES -- Would the project:					
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☐	☒
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☐	☒

Discussion:

According to the City's Open Space, Recreation, and Conservation Element of the General Plan, the site is located in a developed urban area that has no known existing mineral resources. Based on the California Geological Survey (CGS), the site is classified based on guidelines adopted by the California State Mining and Geology Board, as mandated by the Surface Mining and Reclamation Act (SMARA) of 1974 as Mineral Resource Zone 1 (MRZ-1), an area where adequate information indicates a low likelihood of significant mineral resources[4]. Therefore, the project would not result in the loss of availability of known mineral resources.

XII. NOISE -- Would the project:					
a) Generate noise in violation of the City of Oakland Noise Ordinance (Oakland Planning Code section 17.120.050) regarding construction noise, except if an acoustical analysis is performed that identifies recommended measures to reduce potential impacts?	☐	☐	☐	☒	☐
b) Generate noise in violation of the City of Oakland nuisance standards (Oakland Municipal Code section 8.18.020) regarding persistent construction-related noise?	☐	☐	☐	☐	☒

[4] Stinson, M. C., M. W. Manson, J. J. Plappert, and others. Mineral Land Classification: Aggregate Materials in the San Francisco-Monterey Bay Area, Part II, Classification of Aggregate Resource Areas South San Francisco Bay Production-Consumption Region, California Division of Mines and Geology Special Report 146, 1982.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
c) Generate noise in violation of the City of Oakland Noise Ordinance (Oakland Municipal Code section 17.120.050) regarding operational noise?	☐	☐	☐	☐	☒
d) Generate noise resulting in a 5 dBA permanent increase in ambient noise levels in the project vicinity above levels existing without the project; or, if under a cumulative scenario where the cumulative increase results in a 5 dBA permanent increase in ambient noise levels in the project vicinity without the project (i.e., the cumulative condition including the project compared to the existing conditions) and a 3 dBA permanent increase is attributable to the project (i.e., the cumulative condition including the project compared to the cumulative baseline condition without the project)?	☐	☐	☐	☐	☒
e) Expose persons to interior L_{dn} or CNEL greater than 45 dBA for multi-family dwellings, hotels, motels, dormitories and long-term care facilities (and may be extended by local legislative action to include single-family dwellings) per California Noise Insulation Standards (CCR Part 2, Title 24)?	☐	☐	☐	☐	☒
f) Expose the project to community noise in conflict with the land use compatibility guidelines of the Oakland General Plan after incorporation of all applicable Standard Conditions of Approval?	☐	☐	☐	☐	☒
g) Expose persons to or generate noise levels in excess of applicable standards established by a regulatory agency (e.g., occupational noise standards of the Occupational Safety and Health Administration [OSHA])?	☐	☐	☐	☒	☐
h) During either project construction or project operation expose persons to or generate groundbourne vibration that exceeds the criteria established by the Federal Transit Administration (FTA)?	☐	☐	☐	☐	☒
i) Be located within an airport land use plan and would expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☐	☒
j) Be located within the vicinity of a private airstrip, and would expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☐	☒

Discussion:

The proposed project would result in a temporary increase in noise levels during building demolition. Implementation of the City's Standard Condition of Approval described below, including the limited days and hours for demolition activities and equipment requirements, would reduce this potential impact to a less than significant level.

Since the project is temporary and no new development is planned, the City of Oakland Noise Ordinance (Oakland Planning Code section 17.120.050) regarding operational noise would not be violated and no permanent increase in ambient noise levels will occur. In addition, due to the short-term (4 months) nature of the project,

City of Oakland Noise Ordinance (Oakland Municipal Code section 8.18.020) regarding nuisance of persistent construction-related noise would not be violated and interior L_{dn} or CNEL will not be greater than 45 dBA for surrounding residences. A vibration will not be generated by the project activities, including rail-related groundbourne vibrations. The site is not located within an airport land use plan or private airstrip and therefore, people working in the project area will not be exposed to excessive noise levels.

STANDARD CONDITION NOI – 1

Days/Hours of Construction Operation
Ongoing throughout demolition

The project applicant shall require construction contractors to limit standard construction activities as follows:

a) Construction activities are limited to between 7:00 am and 7:00 PM Monday through Friday, except that pile driving and/or other extreme noise generating activities greater than 90 dBA shall be limited to between 8:00 AM and 4:00 PM Monday through Friday.

b) Any construction activity proposed to occur outside of the standard hours of 7:00 AM to 7:00 PM Monday through Friday for special activities (such as concrete pouring which may require more continuous amounts of time) shall be evaluated on a case by case basis, with criteria including the proximity of residential uses and a consideration of resident's preferences for whether the activity is acceptable if the overall duration of construction is shortened and such construction activities shall only be allowed with the prior written authorization of the Building Services Division.

c) Construction activity shall not occur on Saturdays, with the following possible exceptions:
    i. Prior to the building being enclosed, requests for Saturday construction for special activities (such as concrete pouring which may require more continuous amounts of time), shall be evaluated on a case by case basis, with criteria including the proximity of residential uses and a consideration of resident's preferences for whether the activity is acceptable if the overall duration of construction is shortened. Such construction activities shall only be allowed on Saturdays with the prior written authorization of the Building Services Division.
    ii. After the building is enclosed, requests for Saturday construction activities shall only be allowed on Saturdays with the prior written authorization of the Building Services Division, and only then within the interior of the building with the doors and windows closed.

d) No extreme noise generating activities (greater than 90 dBA) shall be allowed on Saturdays, with no exceptions.

e) No construction activity shall take place on Sundays or Federal holidays.

f) Construction activities include but are not limited to: truck idling, moving equipment (including trucks, elevators, etc) or materials, deliveries, and construction meetings held onsite in a non-enclosed area.

g) Applicant shall use temporary power poles instead of generators where feasible.

STANDARD CONDITION NOI – 2

Noise Control
Ongoing throughout demolition

To reduce noise impacts due to construction, the project applicant shall require construction contractors to implement a site-specific noise reduction program, subject to the Planning and Zoning Division and the Building Services Division review and approval, which includes the following measures:

a) Equipment and trucks used for project construction shall utilize the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures and acoustically-attenuating shields or shrouds, wherever feasible).

b) Except as provided herein, impact tools (e.g., jack hammers, pavement breakers, and rock drills) used for project construction shall be hydraulically or electrically powered to avoid noise associated with compressed air exhaust from pneumatically powered tools. However, where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used; this muffler can lower noise levels from the exhaust by up to about 10 dBA. External jackets on the tools themselves shall be used, if such jackets are commercially available and this could achieve a reduction of 5 dBA. Quieter procedures shall be used, such as drills rather than impact equipment, whenever such procedures are available and consistent with construction procedures.

c) Stationary noise sources shall be located as far from adjacent receptors as possible, and they shall be muffled and enclosed within temporary sheds, incorporate insulation barriers, or use other measures as determined by the City to provide equivalent noise reduction.

d) The noisiest phases of construction shall be limited to less than 10 days at a time. Exceptions may be allowed if the City determines an extension is necessary and all available noise reduction controls are implemented.

STANDARD CONDITION NOI – 3

Noise Complaint Procedures
Ongoing throughout demolition

Prior to the issuance of each building permit, along with the submission of construction documents, the project applicant shall submit to the Building Services Division a list of measures to respond to and track complaints pertaining to construction noise. These measures shall include:

a) A procedure and phone numbers for notifying the Building Services Division staff and Oakland Police Department (during regular construction hours and off-hours).

b) A sign posted onsite containing permitted construction days and hours, complaint procedures, and who to notify in the event of a problem. The sign shall also include a listing of both the City and construction contractor's telephone numbers (during regular construction hours and off-hours).

c) The designation of an onsite construction complaint and enforcement manager for the project.

d) Notification of neighbors and occupants within 300 feet of the project construction area at least 30 days in advance of extreme noise generating activities about the estimated duration of the activity.

a) A preconstruction meeting shall be held with the job inspectors and the general contractor/onsite project manager to confirm that noise measures and practices (including construction hours, neighborhood notification, posted signs, etc.) are completed.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
XIII. POPULATION AND HOUSING -- Would the project:					
a) Induce substantial population growth in a manner not contemplated in the General Plan either directly (for example by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure), such that additional infrastructure is required but the impacts of such were not previously considered or analyzed?	☐	☐	☐	☐	☒
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere in excess of that contained in the City's Housing Element?	☐	☐	☐	☐	☒
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere in excess of that contained in the City's Housing Element?	☐	☐	☐	☐	☒

Discussion:

The project would not directly or indirectly induce population growth in the project vicinity. The project would not create any new housing units or employment generating land uses. There are no housing units on the project site or people residing on the project site in any form of temporary housing. The project would therefore not displace any existing housing units or people from the project site. Therefore, no impacts are projected.

XIV. PUBLIC SERVICES -- Would the project:

a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
times or other performance objectives for any of the following public services:					
i) Fire protection?	☐	☐	☐	☐	☒
ii) Police protection?	☐	☐	☐	☐	☒
iii) Schools?	☐	☐	☐	☐	☒
iv) Other public facilities?	☐	☐	☐	☐	☒

Discussion:

The project does not include any new buildings or structures, as the work scope involves only demolition activities. Therefore, this project would not impact public services.

XV. RECREATION -- Would the project:

a) Increase the use of existing neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☐	☒
b) Include recreational facilities or require the construction or expansion of recreational facilities which might have a substantial adverse physical effect on the environment?	☐	☐	☐	☐	☒

Discussion:

The project does not involve new housing units or construction of new parks or any other type of recreational facilities. The project would not create any new demands for parks or recreational facilities.

XVI. TRANSPORTATION/TRAFFIC -- Would the project:

Project Impacts

Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit, non-motorized travel, and relevant components of the circulation system, including but not limited to, intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit, specifically:

Traffic Load and Capacity Thresholds

a) At a study, signalized intersection which is located **outside the Downtown** area, the project would cause the level of service (LOS) to degrade to worse than LOS D (i.e., LOS E)?	☐	☐	☐	☐	☒

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
b) At a study, signalized intersection which is located **within the Downtown** area, the project would cause the LOS to degrade to worse than LOS E (i.e., LOS F)?	☐	☐	☐	☐	☒
c) At a study, signalized intersection **outside the Downtown** area where the level of service is LOS E, the project would cause the total intersection average vehicle delay to increase by four (4) or more seconds, or degrade to worse than LOS E (i.e., LOS F)?	☐	☐	☐	☐	☒
d) At a study, signalized intersection for **all areas** where the level of service is LOS E, the project would cause an increase in the average delay for any of the critical movements of six (6) seconds or more, or degrade to worse than LOS E (i.e., LOS F)?	☐	☐	☐	☐	☒
e) At a study, signalized intersection for all areas where the level of service is LOS F, the project would cause (i) the overall volume-to-capacity ("V/C") ratio to increase 0.01 or more or (ii) the critical movement V/C ratio to increase 0.02 or more?	☐	☐	☐	☐	☒
f) At a study, unsignalized intersection, the project would add ten (10) or more vehicles and after project completion satisfy the Caltrans peak hour volume traffic signal warrant?	☐	☐	☐	☐	☒
g) For a roadway segment of the Congestion Management Program (CMP) Network, the project would cause (i) the LOS to degrade from LOS E or better to LOS F or (ii) the V/C ratio to increase 0.03 or more for a roadway segment that would operate at LOS F without the project?	☐	☐	☐	☐	☒
h) Cause congestion of regional significance on a roadway segment on the Metropolitan Transportation System (MTS) evaluated per the requirements of the Land Use Analysis Program of the CMP?	☐	☐	☐	☐	☒
i) Result in substantially increased travel times for AC Transit buses?	☐	☐	☐	☐	☒
Traffic Safety Thresholds					
j) Directly or indirectly cause or expose roadway users (e.g., motorists, pedestrians, bus riders, bicyclists) to a permanent and substantial transportation hazard due to a new or existing physical design feature or incompatible uses?	☐	☐	☐	☐	☒
k) Directly or indirectly result in a permanent substantial decrease in pedestrian safety?	☐	☐	☐	☐	☒
l) Directly or indirectly result in a permanent substantial decrease in bicyclist safety?	☐	☐	☐	☐	☒
m) Directly or indirectly result in a permanent substantial decrease in bus rider safety?	☐	☐	☐	☐	☒

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
n) Generate substantial multi-modal traffic traveling across at-grade railroad crossings that cause or expose roadway users (e.g., motorists, pedestrians, bus riders, bicyclists) to a permanent and substantial transportation hazard?	☐	☐	☐	☐	☒
Other Thresholds					
o) Fundamentally conflict with adopted City policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities adopted for the purpose of avoiding or mitigating an environmental effect and actually result in a physical change in the environment?	☐	☐	☐	☐	☒
p) Result in a substantial, though temporary, adverse effect on the circulation system during construction of the project?	☐	☐	☐	☐	☒
q) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	☐	☐	☐	☐	☒
Cumulative Impacts					
A project's contribution to cumulative impacts is considered "considerable" (i.e., significant) when the project exceeds at least one of the thresholds listed above in a future year scenario.	☐	☐	☐	☐	☒
Planning Related Non-CEQA Issues					
The following transportation-related topics are not considerations under CEQA but should be evaluated in order to inform decision-makers and the public about these issues. i) Parking ii) Transit Ridership iii) Queuing iv) Traffic Control Devices v) Collision History					

Discussion:

The proposed project is the surface demolition of eight buildings; a maximum of 200 trips for disposal of demolition debris are estimated for the entire project duration of approximately 4 months (approximately 5 trips per day at the height of demolition). Trucks would be scheduled to run to and from the site during off-peak traffic hours, therefore limiting any temporary traffic effects. Also, sufficient parking is available on the property for construction personnel's personal vehicles, equipment staging/storage, and staging of waste containers. Therefore, the project would not significantly impact traffic volume or flow and would not increase traffic delay at intersections.

The project will not result in a change in air traffic patterns, a substantial increase traffic hazards, and fundamentally will not conflict with adopted policies, plans, or programs supporting alternative transportation.

The project is short-term (4 months), therefore there are no considerable cumulative impacts on transportation and traffic.

There currently are no redevelopment plans for the property, therefore the planning related non-CEQA issues (parking, transit, queuing, traffic control devices, and collision history) are not discussed in this document.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
XVII. UTILITIES AND SERVICE SYSTEMS -- Would the project:					
a) Exceed wastewater treatment requirements of the San Francisco Bay Regional Water Quality Control Board?	☐	☐	☐	☐	☒
b) Require or result in construction of new storm water drainage facilities or expansion of existing facilities, construction of which could cause significant environmental effects?	☐	☐	☐	☐	☒
c) Exceed water supplies available to serve the project from existing entitlements and resources, and require or result in construction of water facilities or expansion of existing facilities, construction of which could cause significant environmental effects?	☐	☐	☐	☐	☒
d) Result in a determination by the wastewater treatment provider which serves or may serve the project that it does not have adequate capacity to serve the project's projected demand in addition to the providers' existing commitments and require or result in construction of new wastewater treatment facilities or expansion of existing facilities, construction of which could cause significant environmental effects?	☐	☐	☐	☐	☒
e) Be served by a landfill with insufficient permitted capacity to accommodate the project's solid waste disposal needs and require or result in construction of landfill facilities or expansion of existing facilities, construction of which could cause significant environmental effects?	☐	☐	☐	☐	☒
f) Violate applicable federal, state, and local statutes and regulations related to solid waste?	☐	☐	☐	☐	☒
g) Violate applicable federal, state and local statutes and regulations relating to energy standards?	☐	☐	☐	☐	☒
h) Result in a determination by the energy provider which serves or may serve the project that it does not have adequate capacity to serve the project's projected demand in addition to the providers' existing commitments and require or result in construction of new energy facilities or expansion of existing facilities, construction of which could cause significant environmental effects?	☐	☐	☐	☐	☒

Discussion:

The project would not create any new development and therefore the project would not create any demands for or place an undue burden on any utility or service system.

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant with Standard Condition of Approval	Less than Significant Impact	No Impact
XVIII. MANDATORY FINDINGS OF SIGNIFICANCE -- Does the project have:					
a) The potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☒	☐	☐	☐	☐
b) Impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☐	☐	☐	☐	☒
c) Environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☐	☐	☒

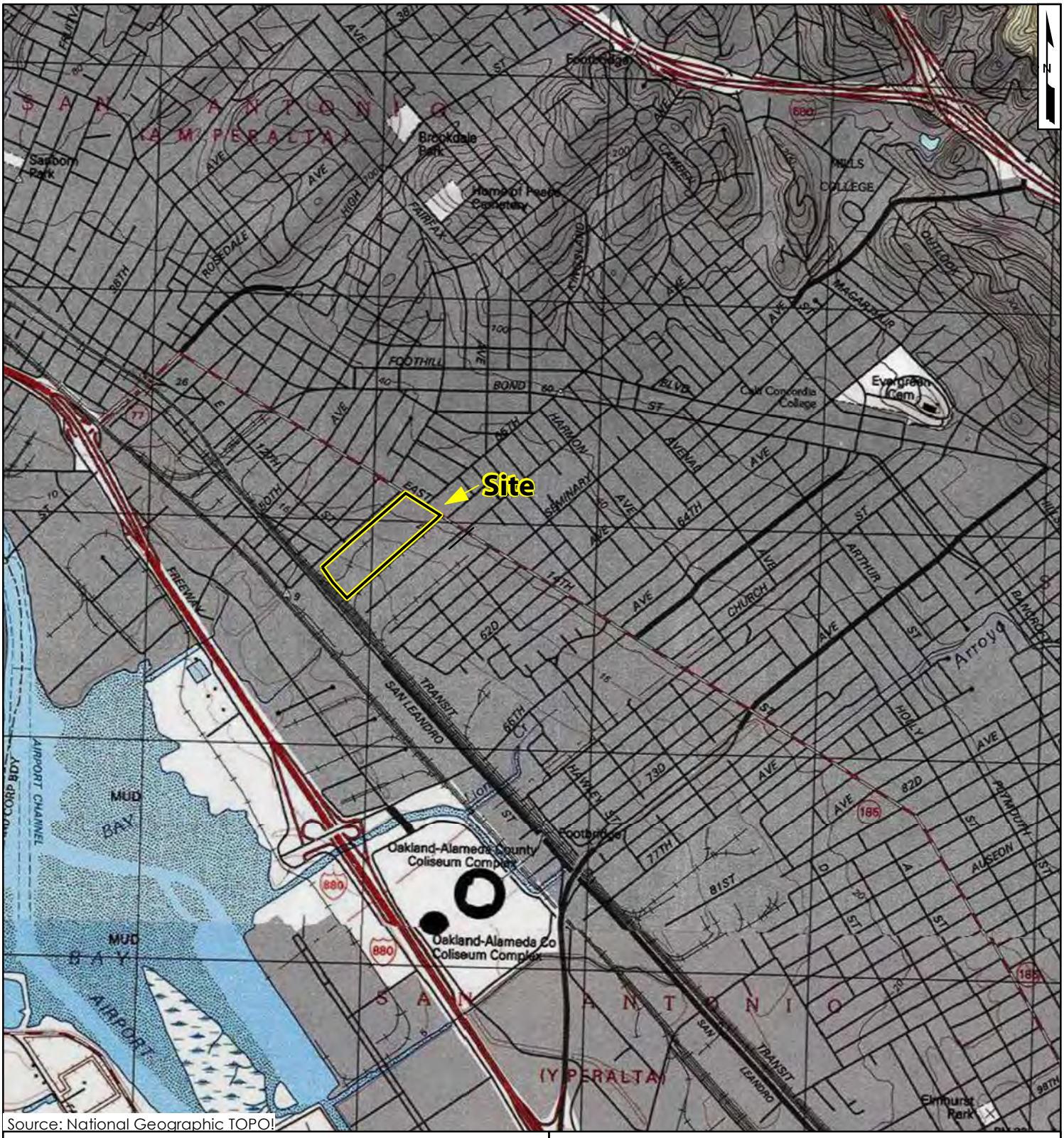
Discussion:

As discussed in Section V above, Building 1 is listed as a potentially designated historical property, with a provisional rating of A1+. The demolition of Building 1 would impact this cultural resource. Building 1 and the other buildings have been vacant for several years. Considering the age of the building, its current physical condition, City of Oakland building codes, and due to impacts of hazardous constituents in building materials, demolition of the buildings was deemed appropriate. This topic will be further discussed in the EIR. Demolition would have no impact on fish or wildlife.

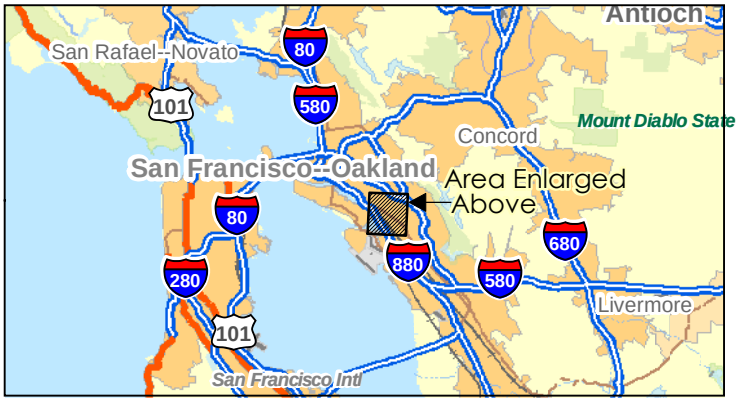
The site is under a Consent Order (Docket #HSA 96/97-061) with the DTSC for remediating impacts in the subsurface. The DTSC approved remedy includes institutional controls (including land use restrictions), targeted soil excavation, groundwater extraction and treatment, monitored natural attenuation, and capping the site. No long-term development is currently proposed for the site following demolition; therefore there are no cumulatively considerable impacts for the project.

The demolition of the buildings would remove hazardous materials, therefore reducing the likelihood of human contact with the materials. The short-term nature of the demolition activities would not cause substantial adverse effects on human beings.

FIGURES



Source: National Geographic TOPO!



2,000 1,000 0 2,000 Feet

Site Location

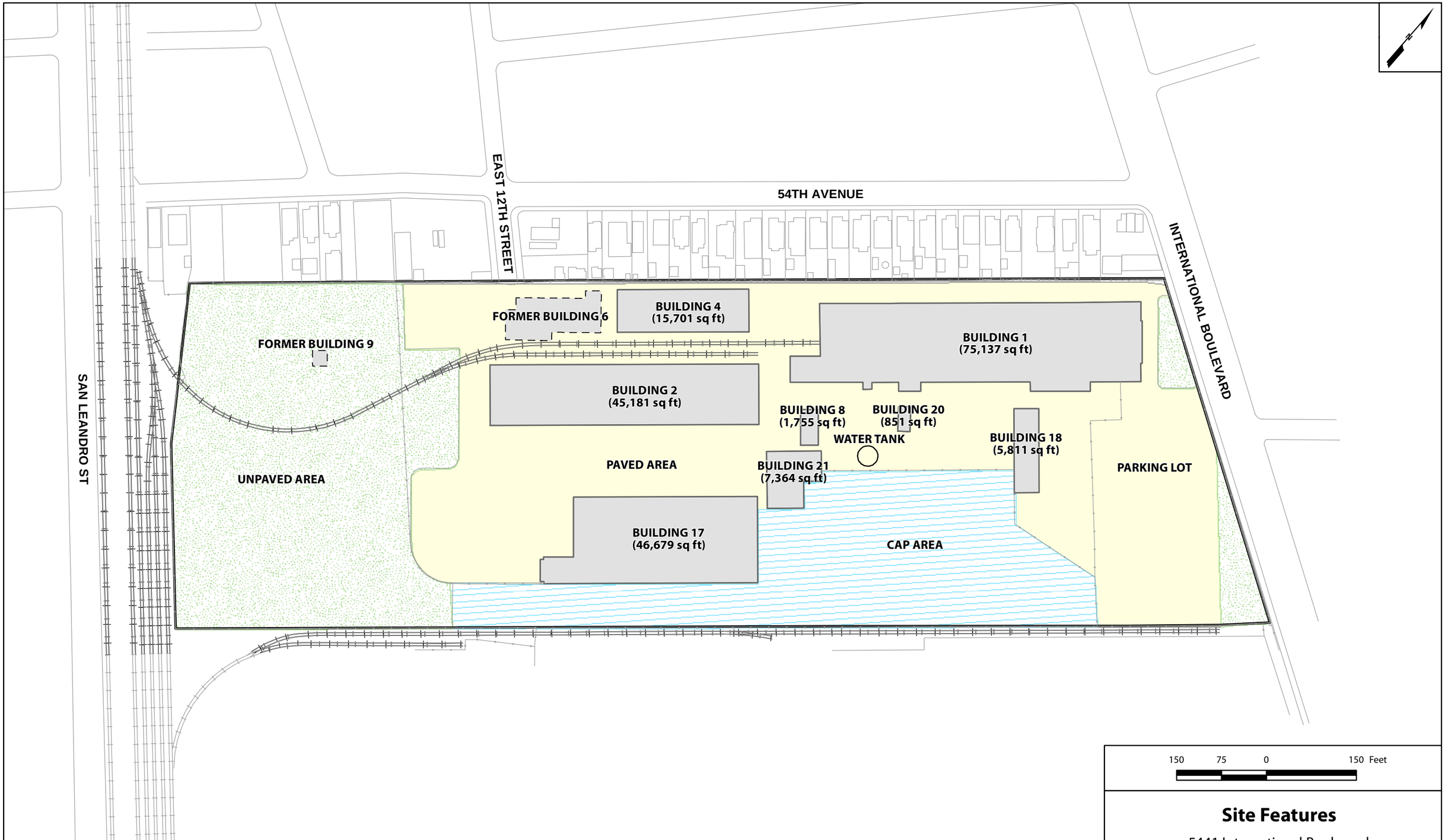
5441 International Boulevard
Oakland, California

Geosyntec consultants

San Diego | June 2012

Figure 1

P:\GIS\SC0659\Site Location.mxd jdanson



Site Features

5441 International Boulevard
Oakland, California

Geosyntec consultants

San Diego | June 2012

Figure 2

ATTACHMENT A

5/31/2012 3:59:42 PM

Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: P:\PRJ\SDWP\Current Projects\SC0509 GE Oakland\PHASE 6 - CEQA\Initial Study\Screencheck Draft\GEoakland.URBEMIS.20120531.urb924

Project Name: GE Oakland

Project Location: Bay Area Air District

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10 Total	PM2.5 Dust	PM2.5 Exhaust	PM2.5 Total	CO2
Time Slice 3/4/2013-6/14/2013 Active Days: 75	**5.34**	**40.51**	**26.51**	**0.01**	**0.25**	**2.31**	**2.57**	**0.06**	**2.13**	**2.18**	**5,069.46**
Demolition 03/04/2013-06/14/2013	5.34	40.51	26.51	0.01	0.25	2.31	2.57	0.06	2.13	2.18	5,069.46
Fugitive Dust	0.00	0.00	0.00	0.00	0.22	0.00	0.22	0.04	0.00	0.04	0.00
Demo Off Road Diesel	5.01	36.61	22.97	0.00	0.00	2.17	2.17	0.00	2.00	2.00	4,050.78
Demo On Road Diesel	0.26	3.78	1.27	0.01	0.03	0.13	0.16	0.01	0.12	0.13	763.45
Demo Worker Trips	0.07	0.12	2.27	0.00	0.01	0.01	0.02	0.00	0.01	0.01	255.23
Time Slice 6/17/2013-6/28/2013 Active Days: 10	3.16	15.47	11.33	0.01	0.02	1.21	1.24	0.01	1.12	1.12	1,834.28
Asphalt 06/17/2013-06/28/2013	3.16	15.47	11.33	0.01	0.02	1.21	1.24	0.01	1.12	1.12	1,834.28
Paving Off-Gas	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.19	13.60	8.91	0.00	0.00	1.15	1.15	0.00	1.05	1.05	1,272.04
Paving On Road Diesel	0.12	1.77	0.59	0.00	0.01	0.06	0.08	0.00	0.06	0.06	358.05
Paving Worker Trips	0.06	0.10	1.82	0.00	0.01	0.01	0.02	0.00	0.00	0.01	204.19

Phase Assumptions

Phase: Demolition 3/4/2013 - 6/14/2013 - Default Fine Site Grading Description

Building Volume Total (cubic feet): 64000

Building Volume Daily (cubic feet): 512

On Road Truck Travel (VMT): 189.63

5/31/2012 3:59:42 PM

Off-Road Equipment:

1 Aerial Lifts (60 hp) operating at a 0.46 load factor for 8 hours per day

1 Concrete/Industrial Saws (10 hp) operating at a 0.73 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

1 Skid Steer Loaders (44 hp) operating at a 0.55 load factor for 8 hours per day

1 Sweepers/Scrubbers (91 hp) operating at a 0.68 load factor for 8 hours per day

3 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 6/17/2013 - 6/28/2013 - Default Paving Description

Acres to be Paved: 3

Off-Road Equipment:

4 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

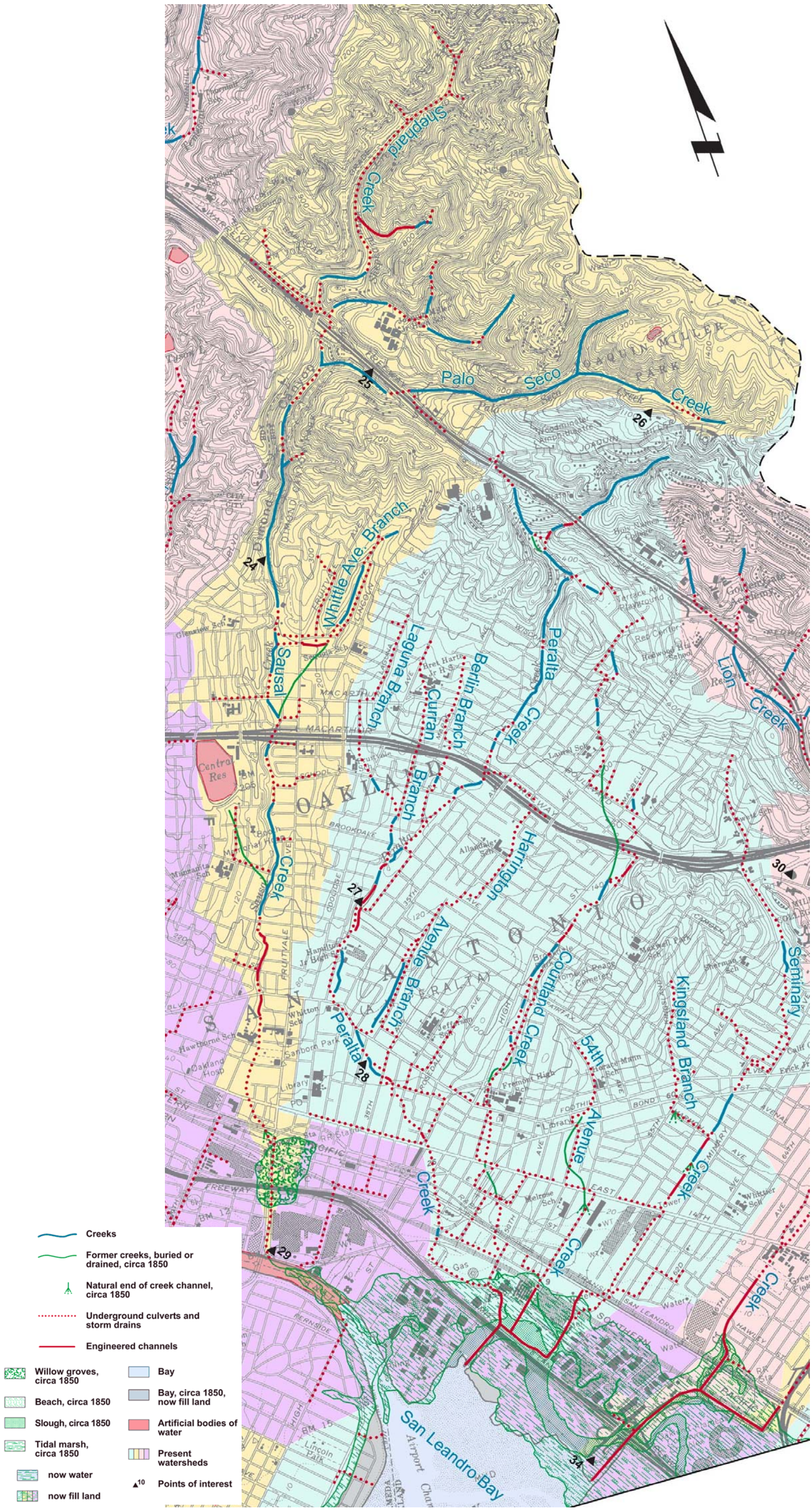
1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

ATTACHMENT B

Sausal Creek Watershed Map

Portion of *Creek & Watershed Map of Oakland & Berkeley*

(source: http://museumca.org/creeks/1190-OMSausalBig.html#)



APPENDIX C

DECLARATION OF PUBLIC NUISANCE

COPY

CITY OF OAKLAND

COMMUNITY AND ECONOMIC DEVELOPMENT AGENCY
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612
Inspection Services: 238-3381 FAX: 238-2959 TDD: 238-3254

May 21, 2010

certified and priority postage

General Electric Co.
c/o Thomson Prof. & Reg.
P.O. Box 4900 201

Subject: **5441 International Blvd**
APN: 041-3848-001-00
Declaration of Public Nuisance - Substandard
Unsafe to Occupy and Order to Vacate
Administrative Penalty - **$5,000.00** Citation

Re: Complaint#: **1001777**

Dear Owner(s):

Our inspection on 03/02/2010, of the subject property confirmed that habitable conditions on the premises have deteriorated to an extent that we are now making the following determinations and, therefore, are required to make the accompanying declarations:

* The Substandard conditions previously identified in the referenced List of Violations (refer to enclosure) are determined to be Unsafe to the safety, health, and welfare of (potential) occupants; therefore, the building is hereby declared a ***Public Nuisance, and the Certificate of Occupancy is hereby revoked.***

* Certain unsafe conditions are determined also to be Dangerous both to occupants and (potential) visitors; therefore, the building is hereby declared ***Unsafe To Occupy*** and the occupied premises shall be vacated immediately.

* An Administrative Penalty is further determined to be applicable and warranted as a sanction for maintaining a Public Nuisance and is hereby assessed.

Penalty Assessment
Oakland Municipal Code 1.12.060

Administrative Citations shall not be assessed at more than five thousand dollars ($5,000.00) cumulatively per calendar year (excludes accrued interest). Fees will be assessed as follows:

1st Issuance	*$100.00*	*3rd Issuance*	*$250.00*
2nd Issuance	*$150.00*	*Subsequent Issuances*	*$500.00*

A "title" search to determine individuals with record title on the building or structure, the holder of any mortgage, deed of trust or other lien or encumbrance of record, the owner or holder of any lease of record and the holder of any other estate or legal interest of record in or to the building or the land on which it is located will be obtained and the actual cost plus administrative charges will be against the owner of record.

Consequently, you are hereby ordered to do the following ***expeditiously*** :

* ***within 14 days*** (from the date of this notification), pay all City assessments to date; *and*
* ***within 45 days***, pay fees and submit a complete permit application for the rehabilitation of the building (or demolition, unless structure has historic status), and pay fees for compliance monitoring and a renewal Certificate of Occupancy, and present evidence of construction financing, and post a completion security deposit, and execute a Compliance Plan for the scheduled rehabilitation, *and*
* ***within 75 days***, obtain required permits for the rehabilitation, *and*
* ***within 135 days***, obtain final inspection approvals and a renewal Certificate of Occupancy, *and*
* ***continually*** maintain the premises free of blighting conditions and secured from unauthorized entry (in accordance with enclosed City specifications), *and*
* ***not*** re-occupy or re-use the vacant premises for any reason or any purpose whatsoever without prior written approval from the City.

Failure to comply fully with all parts of these Declarations and resulting Orders and with all time periods specified herein will subject you to the following:

* continuing re-inspection and administrative fees, *and*
* additional administrative penalties and judicial civil action, *and*
* signage prominently posted on the premises identifying you as the owner, *and*
* survey of the premises for hazardous materials and painting of the facade, *and*
* disposal of personal property and demolition of the structure and foundation, *and*
* disallowance by the California Franchise Tax Board of tax deductions for interest, taxes, depreciation or amortization paid or incurred in the taxable year (R & T 17274 & 24436.5), and,
* re-accessing your property without further notice and for additional charge to remove blighting conditions and/ or (re)install perimeter fencing and locked gates and/ or (re) secure the premises against unauthorized entry.

In accordance with the Oakland Municipal Code, Chapter 15.60, you are required to *pay relocation benefits to all residential tenants* who will vacate a rental unit because of this or any further associated action. Should you fail to make required payments to eligible tenants before

they vacate, the City may make payments on your behalf. A more detailed summary of the Code Enforcement Relocation Ordinance is enclosed for your review.

In accordance with California Civil Code Section 1942.5, you are precluded from specified retaliatory actions against tenants for exercising their rights under Title 5, Chapter 2, or for filing a complaint with the City.

Fees, costs, payments, assessments, and penalties associated with our enforcement and relocation actions are *very* significant and shall be a charge against the property and the owners and, if not reimbursed immediately, shall become a priority lien and special assessment recorded against the property title and are recoverable through the property tax general levy and court action, among other remedies available to the City.

You may appeal the determination to an independent Administrative Hearing Examiner (who may stay and/or rescind our actions). You must pay a **$110.16** non-refundable filing fee, and you must clearly identify in writing ***(Administrative Appeal form attached)*** how the City has erred or abused its discretion in these actions. You will be assessed additional fees for processing the administrative hearings. Should you have questions concerning the appeal process, please contact ***Denise Parker, Office Manager, weekdays from 8:00 a.m. to 4:00 p.m. (510) 238-6282 or by visiting our public counter.***

If we do not receive your written appeal *and* filing fee **before** 4:00 p.m., **06/04/2010**, you will **waive your right** for further administrative adjudication of this matter, and your only other method for redressing this matter will be judicial action.

Note: Incomplete appeals including, but not limited to an oral notification of your intention to appeal, a written appeal postmarked but not received by us within the time prescribed or a written appeal received by us without a filing fee are not acceptable and will be rejected.

Sincerely,

Antoinette Renwick

ANTOINETTE RENWICK
Inspections Manager

Encl.

List of Violations

EXL/asm

Administrative Hearing Fees

Filing Fee	$ 96.00*
Conduct Appeals Hearing	$254.00* an hour
Processing Fee	$506.00*
Reschedule Hearing	$ 96.00*

**Fee Does Not Include 9.5% Records Management Fee and 5.25% Technology Enhancement Fee*

Attachments

1. General Electric Company
2. The Alameda County Tax Collector
3. Lance M. Hauer, P.E.
4.
5.
6.
7.
8.
9.
10.
11.
12.

LIST OF VIOLATIONS

Address:	5441 International Blvd.	Inspection Date:	March 02, 2010
A.P.N:	041-3848-001-00	Complaint No.	1001777
Inspector:	Edward J. Labayog	Occupancy:	F-1/ S-1
No. of pages:	One	Approved Use:	IG
Revised Date:	4/06/10		

THE FOLLOWING SUBSTANDARD VIOLATIONS OF THE BUILDING CONDITIONS ARE DANGEROUS AND SHALL BE CORRECTED IMMEDIATELY:

Building #1 and 2: (vacant/abandoned Main Buildings used as office and factory)

1. The weather protection of the building is inadequate. The roof is leaking in several areas and has damaged some of the elements of the building. There are damaged exterior doors and windows. OMC 15.08.340.H. Repair or replace.
2. The electrical systems have been disconnected. There are damaged and unsecured service/control panels, light fixtures, raceways, conduits, wiring, junction boxes, switches outlets, etc. OMC 15.08.340.E. Repair or replace with permits.
3. The plumbing system is inadequate. Some fixtures are damaged, disconnected and not functional. OMC 15.08.340.F. Repair or replace with permits.
4. There are interior partition walls that have been stripped of its covering and have damage. OMC 15.08.340.C Repair or replace with permits.
5. There is deteriorated wood flooring in the office areas. OMC 15.08.340.C Repair or replace.
6. There are damaged walls and ceilings throughout and the paint is deteriorating and peeling. OMC 15.08.250 Repair or replace.

Building # 8,18, 20 and 21 (vacant/abandoned storage/warehouses):

7. The electrical systems have been disconnected. There are damaged and unsecured service/ control panels, light fixtures, raceways, conduits, wiring, junction boxes, switches outlets, etc. OMC 15.08.340.E. Repair or replace with permits.
8. Unit 21 has damaged concrete from abandoned storage tank stabilizers. OMC 15.08.250. Repair or replace.
9. Some of the buildings have damaged siding. OMC 15.08.340.C Repair or replace with permits.

Building #17 (vacant/abandoned open building):

10. The weather protection of the building is inadequate. The roof is leaking in several areas and has damaged elements of the building frame and sheathing. OMC 15.08.340.H. Repair or replace.

NOTE: The property is subjected to the abatement and removal of all identified hazardous materials from all structures and removal and regulated disposal of all contaminated soils.

CORRECTION NEEDED:

Certain areas were not open for inspection. Any violations or deficiencies subsequently identified shall become a component part of this report and shall be corrected in an approved manner.

Corrections shall not commence without issuance of a Compliance Plan, submittal of a performance security deposit, payment of all assessments and business tax license, field check inspection, and issuance of required permits.

APPENDIX D

GENERAL ELECTRIC – OAKLAND SITE DEED RESTRICTION

STATE OF CALIFORNIA — ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737

April 12, 1993

APR 1993
Received
R.F. Desgroseilliers

Mr. Ron Desgroseilliers
General Electric Company
100 Woodlawn Avenue
Pittsfield, MA 01201

Dear Mr. Desgroseilliers:

GENERAL ELECTRIC SITE - OAKLAND, CALIFORNIA

Enclosed is the negotiated Covenant of Deed Restriction (DEED RESTRICTION) for the General Electric - Oakland Site (Site) located in Oakland, California. This DEED RESTRICTION has been agreed upon by the Department of Toxic Substances Control (Department) and your office on behalf of General Electric - Oakland Site. The Department has signed the DEED RESTRICTION. Please sign and then record the DEED RESTRICTION with Alameda County. Please record the DEED RESTRICTION no later than April 30, 1993. After recording, the original, signed DEED RESTRICTION shall be returned to the Department.

If you have any questions or comments regarding the DEED RESTRICTION, please contact Jose T. Del Rosario at (510) 540-3842.

3831

Sincerely,

Barbara J. Cook

Barbara J. Cook, P.E., Chief
Site Mitigation Branch

Enclosure

cc: Mr. G. Lynn Thorpe
Staff Counsel
Office of Legal Counsel
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806

Mr. Ivan Pouschine, Jr.
Brown and Caldwell
3480 Buskirk Avenue
Pleasant Hill, California 94523-4342

Printed on Recycled Paper

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COVENANT OF DEED RESTRICTION

RECORDED IN OFFICIAL RECORDS
ALAMEDA COUNTY, CALIF.
PATRICK O'CONNELL, CO. RECORDER

'93 APR 19 PM 4 15

Recording Requested By:

32
29+28
89 ga

General Electric Company

When Recorded, Mail To:

Department of Toxic Substances Control
Region 2
700 Heinz Avenue, Suite 200
Berkeley, CA 94710
Attention: Barbara J. Cook, P.E., Chief
Site Mitigation Branch

COVENANT
TO RESTRICT USE OF PROPERTY

GE-Oakland Site
Oakland, California

This Covenant and Agreement ("Covenant") is made on the 9 day of April, 1993 by General Electric Company ("Covenantor"), which is the owner of record of certain property situated in Oakland, County of Alameda, State of California, more particularly described in Exhibit "A" attached hereto and incorporated herein by reference (the "Property"), and by the Department of Toxic Substances Control (the "Department"). Covenantor and the Department desire and intend that in order to protect the present and future public health and safety, the Property shall be used in such a manner as to avoid potential harm to persons or property which may result from hazardous substances which have been deposited on the Property.

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TATE OF CALIFORNIA
TD 113 (REV 8-72)

5 34769

COVENANT OF DEED RESTRICTION

Recording Requested By:

General Electric Company

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Region 2
700 Heinz Avenue, Suite 200
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ARTICLE I

STATEMENT OF FACTS

1.01 Description of Contamination. The Property comprises approximately 24 acres that has been progressively developed and redeveloped over many years with the earliest buildings dating back to 1925. From 1925 to 1975, the Site was used by General Electric Company (GE) for the manufacture of transformers, motors, and switchgear and limited maintenance and repair. Polychlorinated biphenyls (PCBs) were used as a dielectric fluid in the transformer manufacturing operations until 1968. As a result of accidental leaks or spills, oils and PCBs have accumulated in surface and subsurface soils. GE conducted a site investigation to determine the extent of contamination. Following delineation of site contamination, GE implemented an approved Corrective Action Program. The Corrective Action Program included a groundwater collection system; an extraction sump and pump; a treatment system for the removal of oil, volatile organic compounds (VOCs) and PCBs consisting of an oil/water/solids separator; and an extensive site sealing (cover/cap) and drainage system. The surface sealing consisted of two types of sealing systems: (1) a bentonite-soil mixture covered with permeable rock and (2) asphalt-concrete paving and base rock coated with a surface sealant. The bentonite soil mixture consisted of a 4-inch thick layer of imported soil and 4 pounds of bentonite per square foot to achieve a permeability of not greater than 1×10^{-7} cm/sec when the mixture was compacted to 80 percent at optimum moisture content. Six inches of crushed

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drain rock was spread over the bentonite-soil mixture. This type of sealing system was used over portions of the Site containing high concentrations of PCBs, where there was not vehicular traffic and where there were no facility expansion plans.

Part of the Site was sealed using asphalt-concrete paving over an aggregate base. A seal coat, applied at a rate of 0.10 gallons per square yard, was then added to both the existing and newly paved areas.

The western portion of the Site did not warrant a seal and with the concurrence from the regulatory agencies, the section was left in its natural state except for some grading to provide a holding basin for accumulation of runoff during severe storms. Attachment B roughly illustrates the location of the different surface sealing systems and the drainage system at the Site. Long-term monitoring of the Corrective Action Program has shown a decrease in contamination concentrations in soil from the 1981 levels. Monitoring of key wells around the groundwater extraction system has detected either low, relatively stable concentrations of VOCs and PCBs, or no detectable PCBs.

1.02 Health Effects. The corrective actions taken at the Property have essentially eliminated the potential for off-site migration of PCBs and VOCs. The asphalt and bentonite seals prevent surface water from infiltrating into soils containing contaminant concentrations. In addition, the seals at the east portion and the vegetative cover on the open ground at the west end of the Site prevent erosion and dusting of soils from the

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property. A French drain groundwater extraction system has maintained a cone of depression in the water table, directing water flow toward the extraction system.

Potential exposure via direct exposure to contaminated surface soils has been minimized by a security fence along the boundary of the Property, capping of the contaminated areas, and fencing of areas that are not needed for the operations of the current business, including the capped area. Potential health effects if the protective measures are disturbed, are as follows:

Polychlorinated Biphenyls (PCBs). The Department believes the following are PCB health effects. PCBs are a suspected human carcinogen. Exposure can be through ingestion or skin contact. The potential human health effects from exposure to PCBs include chloracne, impairment of liver function, a variety of neurobehavioral symptoms, and minor birth abnormalities.

Volatile Organic Compounds (VOCs). VOCs are not very persistent in the environment, principally due to high solubility, high volatility, low adsorption to soil and organic matter and inability to substantially bioaccumulate. These properties make VOCs highly mobile and transient in the environment. The VOCs found on-site include:

Chloroethane (Ethyl Chloride). Limited data are available for adverse health effects associated with chloroethane exposure. Generally, the primary pathway of exposure is through inhalation. Headaches, dizziness, abdominal cramps, incoordination, and eye

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irritation are common symptoms seen in humans after overexposure to chloroethane. Chronic exposure in chloroethane may result in liver and kidney damage, as demonstrated in animals. At very high levels of chloroethane inhalation, cardiac arrest is possible in humans (U.S. EPA, 1985b). Skin and eye irritation are associated with liquid chloroethane exposure. Chloroethane may be dermally absorbed through liquid or vapor exposure (Sax, 1984). The National Toxicology Program (NTP) is currently conducting studies to determine chloroethane's carcinogenicity. No data are available on teratogenicity of chloroethane, while mutagenicity data suggest no link between mutations and exposure (U.S. EPA, 1985b). The Department has not established an Action Criterion for chloroethane in water. No TTLC for chloroethane has been established.

Chloroform (Trichloromethane). Humans may be exposed to chloroform through inhalation, ingestion, and dermal contact. Chloroform is a central nervous system depressant and may cause kidney and liver damage, gastrointestinal irritation, and/or cardiac arrest. Dizziness, intracranial pressure, and nausea are common sysmptoms of acute exposure. Chronic inhalation produces symptoms such as hallucinations, loss of appetite, incoordination, moodiness, mental and physical sluggishness, nausea, rheumatic pain, and delirium (Sax, 1984). There is evidence that suggests chloroform induces mutagenic activity in animals, while conflicting data exist for linking chloroform with teratogenic disorders (U.S. EPA, 1985b). A link between

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chloroform exposure and animal cancer has been developed. The U.S. EPA rates chloroform as a probable human carcinogen (B2) from limited evidence in humans but sufficient evidence in animals (U.S. EPA, 1985i). The Department's Action Criterion for chloroform in water is 0.5 ppg. No TTLC for chloroform has been established.

1,1-Dichloroethane (1,1-DCA). The literature indicates that 1,1-DCA is one of the least toxic chlorinated ethanes. Although limited toxicological studies on 1,1-DCA have been completed, results available at this time indicate it is a central nervous system depressant in humans when inhaled at high concentrations. It may also be hepatotoxic in humans (U.S. EPA, 1985b). Human health effects associated with chronic inhalation of this compound include potential kidney and liver injury and lung irritation. 1,1-DCA is also a skin and eye irritant upon dermal contact (U.S. EPA, 1985b). There is no conclusive evidence available at this time that indicates 1,1-DCA is a carconogen, mutagen, or teratogen. The U.S. EPA has not rated this compound for carcinogenic effects (U.S. EPA, 1985i). Microbial tests (Ames assay) concluded that the compound was not mutagenic. One study indicated the potential for teratogenic effects in animals when inhaled at high concentrations (U.S. EPA, 1985b). The Department's action Criterion for 1,1-DCA in water in 4,000 ppb.

1,2-Dichloroethane (1,2-DCA, Ethylene Dichloride). Ingestion and inhalation of 1,2-DCA through short-term exposures may cause nausea, vomiting, mental confusion, dizziness, and

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pulmonary edema (Sittig, 1981). In addition, liquid and vapor may cause eye and skin irritation. Acute exposures can lead to death from resporatory and cirulatory failure. Long-term effects include liver and kidney damage and neurologic changes. 1,2-DCA is classified in the IARC Category 2b for carcinogens (probable human carcinogen). The Department's Action Criterion for 1,2-DCA in water is 0.51 ppb. A TTLC for 1,2-DCA has not been established.

1,1-Dichloroethylene (1,1-DCE). Short-term exposures to high vapor concentrations of 1,1-DCE can result in central nervous system depression, which may progress to unconsciousness with prolonged exposure. The liquid is moderately irritating to the eyes, causing pain, conjunctival irritation, and possible transient injury. The liquid is irritating to the skin after only a few minutes' contact (Clayton and Clayton, 1981). Long-term effects include damage to the liver and kidneys. The IARC classification for 1,1-DCE is Category 3 for carcinogens (possible human carcinogen). The Department's Action Criterion for 1,1-DCE in water is 0.1 to 0.4 ppb (limit of quantification). A TTLC for 1,1-DCE has not been established.

Trans-1,2-Dichloroethylene (1,2-DCE). Like other chlorinated ethylenes, 1,2-DCE has anesthetic properties at high concentrations. Humans inhaling high concentrations of the compound display the following symptoms: nausea, vomiting, weakness, tremor, and cramps, followed by unconsciousness (U.S. EPA, 1985b). 1,2-DCE was shown not to be a mutagen in

three different microbial tests. No data are available to determine the compound's teratogenic and carcinogenic effects. The U.S. EPA has not rated this compound on the basis of carcinogenicity (U.S. EPA, 1985i). The Department's Action Ceiterion for 1,2-DCE in water is 70 ppb. No TTLC for 1,2-DCE has been established.

Trichloroethylene (TCE). Acute exposure to TCE depresses the central nervous system, causing such symptoms as headache, dizziness, vertigo, tremors, irregular heartbeat, fatigue, nausea, vomiting, and blurred vision. The vapors may cause irritation of the eyes, nose, and throat. The liquid may cause burning irritation and damage to the eyes. Repeated or prolonged skin contact with the liquid may cause dermatitis (Sittig, 1981). Long-term effects may include liver and kidney injury. TCE is included in IARC Category 3 (possible human carcinogen). The Department's Action Criterion for TCE in water is 1.8 ppb. The TTLC for TCE is 2,040 mg/kg.

Vinyl Chloride. Inhalation of vinyl chloride causes headache, dizziness, abdominal pain, numbness, and tingling of the extremities. The vapors cause eye irritation. Skin contact with the liquid causes irritation and frostbite due to evaporation; vapor may cause irritation (Plunkett, 1976; Sittig, 1981; Toxicology Data Bank, 1984). The long-term effects due to exposure to vinyl chloride include liver damage and liver cancer. There is evidence of mutagenicity. IARC classification of this compound is 1 (known human carcinogen). The Department's Action Criterion for vinyl chloride in water is 0.015 ppb.

1.03 Surrounding Land Use. The Property is located in Alameda County in a community thoroughfare commercial zone. The area within a one-mile radius of the Property is partly industrial and partly residential. Commercial businesses are located along East 14th Street. The nearest homes bordered the Property to the north. There are no hospitals or schools found within one-mile radius of the Property.

ARTICLE II

GENERAL PROVISIONS

2.01 Provisions to Run with the Land. This Covenant sets forth protective provisions, covenants, restrictions, and conditions (collectively referred to as "Restrictions"), upon and subject to which the Property and every portion thereof shall be improved, held, used, occupied, leased, sold, hypothecated, encumbered, and/or conveyed. Each and all of the Restrictions are imposed pursuant to Health and Safety Code Section 25355.5, shall run with the land pursuant to Health and Safety Code Section 25355.5, pass with each and every portion of the Property, and shall apply to, inure to the benefit of, and bind the respective successors in interest thereof unless terminated pursuant to Article V. Each and all of the Restrictions are imposed upon the entire Property unless expressly stated as applicable to a specific portion of the Property. Each and all of the Restrictions are for the benefit of and enforceable by the Department.

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2.02 Concurrence of Owners Presumed. All purchasers, lessees, or possessors of any portion of the Property shall be deemed by their purchase, lease, or possession of such Property, to be in accord with the foregoing and to agree for and among themselves, their heirs, successors, and assignees, and the agents, employees, and lessees of such owners, heirs, successors, and assignees, that the Restrictions as herein established must be adhered to for the benefit of future Owners and Occupants and that their interest in the Property shall be subject to the Restrictions contained herein.

2.03 Incorporation into Deeds and Leases. Covenantor desires and covenants that the Restrictions set out herein shall be incorporated by reference in each and all deeds and leases of any portion of the Property.

ARTICLE III

DEFINITIONS

3.01 Department. "Department" shall mean the California State Department of Toxic Substances Control and shall include its successor agencies, if any.

3.02 Improvements. "Improvements" shall mean all buildings, roads, driveways, regrading, and paved parking areas, constructed or placed upon any portion of the Property.

3.03 Occupant(s). "Occupant(s)" shall mean those persons entitled by ownership, leasehold, or other legal relationship to the exclusive right to occupy any portion of the Property.

3.04 Owner(s). "Owner(s)" shall mean the Covenantor or successors in interest, including heirs and assigns, who hold title to all or any portion of the Property.

3.05 Director. "Director" shall mean the Director of the California Department of Toxic Substances control or his or her designee.

ARTICLE IV

DEVELOPMENT, USE, AND CONVEYANCE OF THE PROPERTY

4.01 Restrictions on Development and Use. Covenantor promises to restrict the use of the Property as follow:

a. Property shall be restricted to commercial or industrial uses.

b. Residential development for human habitation shall not be permitted on the Property.

c. Hospitals or health clinics shall not be permitted on the Property.

d. Day-care centers for either children or senior citizens shall not be permitted on the Property.

e. Schools for children under 18 years of age shall not be permitted on the Property.

f. No drilling for drinking water shall be permitted on the Property.

g. No raising of food (cattle, food crops, cotton, etc.) shall be permitted on the Property.

h. Subdivision of the Property is forbidden, except as allowed under Health and Safety Code Section 25232 (a) (2) and (b) (2).

i. No activities which will disturb the capped soils or groundwater depression system (e.g., excavation, grading, removal, trenching, filling, earth movement, or mining) shall be permitted on the Property without a Health & Safety Plan submitted to the Department for review and approval.

j. The capped areas shall be posted with a bilingual sign in English and Spanish stating that no grading, excavation or construction activities can occur on the capped areas of Property without written permission of the Department.

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k. Any contaminated soils brought to the surface by grading, excavation, trenching or backfilling pursuant to a Department-approved Health and Safety Plan shall be managed in accordance with all applicable provisions of state and federal law.

l. All uses and development of the Property shall preserve the integrity of the caps, surface and ground water extraction system and shall not disturb the integrity of any hazardous substance containment.

m. The Owner(s)/Occupant(s) shall maintain all vegetative ground cover, soil caps, surface water and ground water extraction system, fences, gates and warning signs related to the corrective action program.

n. Any proposed alteration of the caps shall require written approval by the Department.

o. The Owner(s) shall monitor the caps annually for signs of deterioration and to ensure integrity of the cap.

p. The Owner(s)/Occupant(s) shall notify the Department of each of the following: 1) the type, cause, location and date of any disturbance to either cap which would affect the ability of the cap to contain subsurface hazardous substances on the Property and 2) the type and date of

repair of such disturbance. Notification to the Department shall be made by registered mail within ten (10) working days of both the discovery of cap disturbance and completion of repairs.

q. If monitoring detects contamination at levels requiring corrective action(s) by the Department, the Owner(s)/Occupant(s) shall develop and submit a plan of correction for Department approval.

r. The Owner(s)/Occupant(s) shall grant the Department and other government agencies access to the Property, upon reasonable notice and at reasonable times, for inspection, surveillance, monitoring, maintenance, and other purposes as deemed necessary by the Department in order to protect the public health and safety.

s. The Owner(s)/Occupant(s) shall provide notification to any subsequent purchasers, lessees and tenants stating that there is residual contamination as specified in Health & Safety Code Section 25359.7(a).

4.02 Conveyance of Property. The Owner(s) shall provide thirty (30) days notice to the Department of any sale, lease, or other conveyance of the Property or an interest in the Property to a third person. The Department shall not, by reason of the

Covenant, have authority to approve, disapprove, or otherwise affect any sale, lease, or other conveyance of the Property.

4.03 Enforcement. Failure of any Owner/Occupant to comply with any of the Restrictions set forth in Section 4.01, shall be grounds for the Department, by reason of the Covenant, to require that the Owner/Occupant modify or remove any Improvements constructed in violation of that Section 4.01. Violation of the Covenant shall be grounds for the Department to file civil and criminal actions against the Owner/Occupant as provided by law.

4.04 Notice in Agreements. In the event of any conveyance, all Owner(s)/Occupant(s) shall execute written lease, sublease, or rental agreements relating to the Property. Any such instrument shall contain the following statement:

> "The land described herein contains hazardous substances. Such condition renders the land and the owner, lessee, or other possessor of the land subject to requirements, restrictions, provisions, and liabilities contained in Chapter 6.5 and Chapter 6.8 of Division 20 of the Health and Safety Code as made applicable to this Property by a specific Covenant of Deed Restriction, a copy of which is attached hereto and incorporated herein by reference. This statement is not a declaration that a hazard exists."

ARTICLE V

VARIANCE AND TERMINATION

5.01 Variance. Any Owner(s) or, with the Owner's(s') written consent, any Occupant of the Property or any portion thereof may apply to the Department for a written variance from the provisions of this Covenant. Such application shall be made in accordance with Health & Safety Code Section 25233.

5.02 Termination. Any Owner(s) or, with the Owner's(s') written consent, any Occupant of the Property or a portion thereof may apply to the Department for a termination of the Restrictions as they apply to all or any portion of the Property. Such application shall be made in accordance with Health & Safety Code Section 25234.

5.03 Term. Unless terminated in accordance with Section 5.02 above, by law or otherwise, this Covenant shall continue in effect in perpetuity.

ARTICLE VI

MISCELLANEOUS

6.01 No Dedication Intended. Nothing set forth herein shall be construed to be a gift or dedication, or offer of a gift or dedication, of the Property or any portion thereof to the general public or for any purposes whatsoever.

6.02 Notices. Whenever any person gives or serves any notice, demand, or other communication with respect to this Covenant, each such notice, demand, or other communication shall be in writing and shall be deemed effective 1) when delivered, if personally delivered to the person being served or to an officer of a corporate party being served or official of a government agency being served, or 2) three (3) business days after deposit in the mail if mailed by United States mail, postage paid, certified return receipt requested:

To: General Electric Company
100 Woodlawn Avenue
Pittsfield, MA 01201

To: Department of Toxic Substances Control
Region 2
700 Heinz Avenue, Suite 200
Berkeley, CA 94710
Attention: Barbara J. Cook, P.E., Chief
Site Mitigation Branch

6.03 Partial Invalidity. If any portion of the Restrictions or terms set forth herein is determined to be invalid for any reason, the remaining portion shall remain in full force and effect as if such portion had not been included herein.

6.04 Article Headings. Headings at the beginning of each numbered article of this Covenant are solely for the convenience of the parties and are not a part of the Covenant.

6.05 Recordation. This instrument shall be executed by the Covenantor and by the Regional Administrator, California Department of Toxic Substances Control. This instrument shall be recorded by the Covenantor in the County of Alameda within ten (10) days of the latest date of execution.

6.06 References. All references to Code sections include successor provisions.

IN WITNESS WHEREOF, the parties execute this Covenant as of the date set forth above.

COVENANTOR: _____

By: Ronald F. Desgroseilliers

Title: Manager, GE Environmental Programs

Date: April 16, 1993

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

By: _____

Barbara J. Cook, Chief

Title: Site Mitigation Branch, Region 2

Date: 4/9/93

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF BERKSHIRE

On April 16, 1993 before me, the undersigned, a Notary Public in and for said state, personally appeared Ronald F. Desgroseilliers, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as Manager of General Electric Environmental Programs, the corporation that executed the within instrument, and acknowledge to me that such corporation executed the same pursuant to its bylaws or a resolution of its board of directors.

WITNESS my hand and official seal.

Michael J. Austin

Notary Public in and for said

County and State

STATE OF CALIFORNIA)
)
COUNTY OF Alameda)

On April 9, 1993 before me, the undersigned, a Notary Public in and for said state, personally appeared BARBARA J. COOK, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as Chief, Site Mitigation Branch, Region 2, of the Department of Toxic Substances Control, the agency that executed the within instrument, and acknowledged to me that such agency executed the same.

WITNESS my hand and official seal.

OFFICIAL SEAL
Mary Ann Harrel
NOTARY PUBLIC CALIFORNIA
ALAMEDA COUNTY
My Comm Expires July 15, 1995

Mary Ann Harrel

Notary Public in and for said County and State

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STATE OF CALIFORNIA
STD. 113 (REV. 8-72)

85 34769

FEB 17 '93 11:01AM GE [illegible] 510 2562422 P.1

Deed

This Indenture, Made this 10th day of FEBRUARY 19[illegible]

Between HELEN D. UMBSEN (widow) of the City and County of San Francisco State of California the part y of the first part, and

GENERAL ELECTRIC COMPANY a corporation of the State of New York the part y of the second part

Witnesseth, that the said part y of the first part, for and in consideration of the sum of TEN DOLLARS, the receipt whereof is hereby acknowledged, does grant, bargain, sell and convey unto the said part y of the second part, and to its successors and assigns forever, all that land with the appurtenances situate in the City of Oakland, County of Alameda State of California, and particularly described as follows, to-wit: BEGINNING at a point the Southwestern line of East 14th Street at the intersection thereof with the Northeastern boundary line of that certain parcel of land described in the Deed from M. W. Crawford et al to Helen D. Umbsen, dated April 25,1919 and recorded in Liber 2573 of Deeds, at Page 548, Alameda County Records, said point of intersection lying North 72°23'20" West two Hundred six and 44/100 feet from a concrete monument set at the junction of 55th Avenue and East 14 Street on the Monument line of said Street as established by Ordinance No.1082 N.S. passed November 8,1916; and running thence from said point of beginning South 69°28'30" East Six Six and 44/100 feet along the said line of East 14th Street (said Street line being paralle and distant Sixty-four feet Southwesterly measured at right angles from the aforesaid mon line) to the intersection of the said Southeastern line of East 14th Street with the North line of that certain Twenty-eight and 926/1000 acre parcel of land conveyed by Helen D. Um and G.H. Umbsen, her husband, to Libby, McNeil&Libby, a corporation, by deed dated October 2 and recorded October 20,1919 in Liber 2839 of Deeds, at page 46, Alameda County Records, sai point being distant along said line of East 14th Street North 89°26'30" West Six Hundred S two and 83/100 feet from the Southeastern boundary line of the said land conveyed from Cra to Umbsen; thence leaving said line of East 14th Street South 47°30'30" West along the said Northwestern boundary line of the Twenty-eight and 926/1000 acre of land as above referred distance of One Thousand Eight Hundred Sixty-six and 29/100 feet to a point on the Northeas boundary of the right of way of the Western Pacific Railway distant thereon Northeasterly Hundred Forty-three and 98/100 feet from the Southeastern boundary line of the property co to Umbsen as aforesaid; thence along the said line of the right of way of the Western Paci Railway Company, North 43°43'20" West Five Hundred Eighty-one and 01/100 feet to the north boundary line of the said land conveyed by Crawford to Umbsen; thence along said Northwest boundary line North 47°30' East One Thousand Seven Hundred One and 61/100 feet to the said western line of East 14th Street and the point of beginning. CONTAINING 23 and 759/1 acres of land and being a portion of that certain parcel of land conveyed by M. W. Crawf al, to Helen D. Umbsen, as first hereinabove referred to. EXCEPTING from the above des parcel of land so much thereof as is included in the Deed from Helen D. Umbsen, to Central Railway Company, a corporation, dated October 17, 1919 and recorded October 25, 1919 in Li 2844 of Deeds, at Page 68, Alameda County Records. The property contained in the last ab mentioned Deed is more particularly described as follows:- BEGINNING at the intersection the Southeastern line of Block Lettered "F" Melrose Station Tract, and the Northeastern bo line of the Western Pacific Railway Company's Eighty foot right of way; thence Southeast on and along said Northeastern boundary line of right of way, a distance of One Thousand S Hundred Twenty-four and 2/10 feet; thence Northeasterly at a right angle a distance of Thi five feet; thence Northwesterly parallel to and at a uniform distance of Thirty-five feet Easterly from said Northeastern boundary line of right of way, a distance of Nine Hundred feet; thence Northwesterly in a straight line a distance of Two Hundred Seventy-five feet or less, to a point on said Southeastern line of said Block Lettered "F" that is distant S feet, more or less, measured Northeasterly on and along said Southeastern line of Block Le "F" from said Northeastern boundary line of right of way; thence Southwesterly on and alo said Southeastern line of Block Lettered "F", a distance of Seventy feet, more or less, t point of beginning and containing an area of 1 and 09/100 acres, more or less.

In Witness Whereof, the said part y of the first part ha s hereunto set her hand — and seal — the day and year first above written.

Helen D. Umbsen

L.W.

State of California,
County of Alameda. } ss

On this, day of
in the year, A. D. Nineteen Hundred and , before me,
a Notary Public in and for said County of
Alameda, State of California, duly commissioned and sworn, personally appeared

known to me to be the person described in and who executed and whose name
subscribed to the within instrument and acknowledged to me that
executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my official seal at my office in the said County, the day and year first above written.

Notary Public in and for the County of Alameda, State of California.

Recorded at Request of Return to

Oakland Title Insurance and Guaranty Company
1308 BROADWAY

Deed

$18559

HEDER D. MURSELL

TO

GENERAL MORTGAGE COMPANY

(corporation)

Dated Feb. 10, 1922

RECORDED AT REQUEST OF
Oakland Title Insurance and Guaranty Company
min. past 3 P.M.
IN LIBER FEB 14 1922 OFFICIAL RECORDS
126 OR
Page 348 Records of Alameda Co., Cal.
County Recorder.

Return to

K-1356

7508

Oakland Title Insurance and Guaranty Company
1308 BROADWAY

TITLE B. 1 34

Oakland Title Insurance and Guaranty Company

PJS

PURCHASED BY THE LEGGETT-BRADFORD TITLE CO.

CAPITAL AND SURPLUS OVER $600,000.00

TITLE INSURANCE BUILDING
16TH AND FRANKLIN STS.
OAKLAND

APPLICATION No. 77508 K-1356

AMOUNT $83,000.00

Title Insurance Policy

In Consideration of the premium paid it for this *Policy of Title Insurance*,

Oakland Title Insurance and Guaranty Company

a California corporation, does by *This Policy of Insurance* insure

GENERAL ELECTRIC COMPANY

(herein called the *Assured*), and all other persons to whom this Policy may be transferred with the assent of this Company endorsed thereon, from all loss or damage not exceeding

EIGHTY - THREE THOUSAND ($83,000.00)

Dollars, which the *Assured* shall sustain by reason of any defect in the title of the Assured to the estate or interest described in *Schedule "A"* hereto annexed, affecting the premises specified and described in said schedule or by reason of liens or incumbrances affecting the same on this 14th day of February, 1922 at 3:51 o'clock P. M., saving and excepting only such defects, liens or incumbrances, if any, as are specified in *Schedule "B,"* hereto annexed; subject to the conditions specified in *Schedule "C,"* hereto annexed, which, with the schedules aforesaid, are a part of this Policy.

If the *Assured* be a corporation, this contract of insurance shall also extend to and insure all persons claiming said estate or interest under it by operation of law; otherwise it shall also extend to and insure all persons claiming said estate or interest under the *Assured* by will or descent.

In Witness Whereof, Oakland Title Insurance and Guaranty Company has caused these presents to be signed by its President and its Secretary, under its corporate seal this 14th day of February, in the year One Thousand Nine Hundred and Twenty-two (1922).

Oakland Title Insurance and Guaranty Company

By _____ PRESIDENT

By _____ SECRETARY

Schedule A
VESTITURE

The title to the real property herein described is vested in:

G E N E R A L E L E C T R I C C O M P A N Y
(a corporation)

FREE OF INCUMBRANCES.

NOTE 1 - The Articles of Incorporation of the General Electric Company are not on file in the office of the County Clerk of Alameda County.

NOTE 2 - STATE AND COUNTY, MELROSE SANITARY DISTRICT AND CITY OF OAKLAND TAXES for the fiscal year 1921-22 have been paid.

NO STREET ASSESSMENT LIENS APPEAR.

No. 75793

All that certain lot, piece, or parcel of land situate, lying and being in the City of Oakland, County of Alameda, State of California, described as follows:

BEGINNING at

Title Page 3.14

No. 75793

All that certain lot, piece, or parcel of land situate, lying and being in the City of Oakland, County of Alameda, State of California, described as follows:

BEGINNING at a point on the Southwestern line of East 14th Street at the intersection thereof with the Northwestern boundary line of that certain parcel of land described in the Deed from M. W. Crawford et al, to Helen D. Umbsen, dated April 25, 1919 and recorded in Liber 2573 of Deeds, at page 345, Alameda County Records, said poi of intersection lying North 72° 23' 20" West Two Hundred Eighty-six and 44/100 feet from a concrete monument set at the junction of 55th Avenue and East 14th Street on the monument line of said Street as established by Ordinance No. 1082 N. S. Passed November 8, 1916; and. running thence from said point of beginning South 59° 28' 30" East Six Hundred Six and 44/100 feet along the said line of East 14th Stre said Street line being parallel to and distant Sixty-four feet South- westerly measured at right angles from the aforesaid monument line, t the intersection of the said Southwestern line of East 14th Street wi the Northwestern line of that certain Twenty-eight and 926/1000 acre parcel of land conveyed by Helen D. Umbsen and G. H. Umbsen, her husb to Libby, McNeil & Libby, a corporation, by deed dated October 3, 191 and recorded October 20, 1919 in Liber 2839 of Deeds, at page 46, Ala County Records, said point being distant along said line of East 14th Street, North 59° 28' 30" West Six Hundred Seventy-two and 83/100 fee from the Southeastern boundary line of the said land conveyed from Crawford to Umbsen; thence leaving said line of East 14th Street, Sou 47° 30' 30" West and along that said Northwestern boundary line of th Twenty-eight and 926/1000 acres of land as above referred to a distan of One Thousand Eight Hundred Sixty-six and 29/100 feet to a point on the Northeastern boundary of the right of way of the Western Pacific Railway distant thereon Northwesterly Six Hundred Forty-three and 98/ feet from the Southeastern boundary line of the property conveyed to Umbsen as aforesaid; thence along the said line of the right of way the Western Pacific Railway Company, North 43° 43' 20" West Five Hund Eighty-one and 01/100 feet to the Northwestern boundary line of the land conveyed by Crawford to Umbsen; thence along said Northwestern boundary line North 47° 30' East One Thousand Seven Hundred One and 61/100 feet to the said Southwestern line of East 14th Street and th point of beginning.

CONTAINING 23 and 759/1000 acres of land and being a p of that certain parcel of land conveyed by M. W. Crawford, et al, t Helen D. Umbsen, as first hereinabove referred to.

EXCEPTING from the above described parcel of land so much thereof as is included in the Deed from Helen D. Umbsen, to Central Pacific Railway Company, a corporation, dated October 17, 19 and recorded October 25, 1919 in Liber 2844 of Deeds, at page 68, Al County Records. The property contained in the last above mentioned Deed is more particularly described as follows:

BEGINNING at the intersection of the Southeastern line of Block Lettered "P", Melrose Station Tract, and the Northeastern boundary line of the Western Pacific Railroad Company's Eighty feet right of way; thence Southeasterly on and along said Northeastern boundary line of right of way, a distance of One Thousand Two Hundr Twenty-four and 2/10 feet; thence Northeasterly at a right angle a distance of Thirty-five feet; thence Northwesterly parallel to and a uniform distance of Thirty-five feet Northeasterly from said Nort eastern boundary line of right of way, a distance of Nine Hundred Fifty feet; thence Northwesterly in a straight line a distance of Two Hundred Seventy-five feet, more or less, to a point on said Sou eastern line of said Block Lettered "P" that is distant Seventy fee

Title

SCHEDULE A (CONTINUED)

(Description)

more or less, measured Northeasterly on and along said Southeastern line of Block Lettered "F" from said Northeastern boundary line of right of way; thence Southwesterly on and along said Southeastern line of Block Lettered "F", a distance of Seventy feet, more or less, to the point of beginning, and containing an area of 1 and 09/100 acres, more or less.

ASSESSOR'S MAP 41

Code Area Nos. 17-001

3848

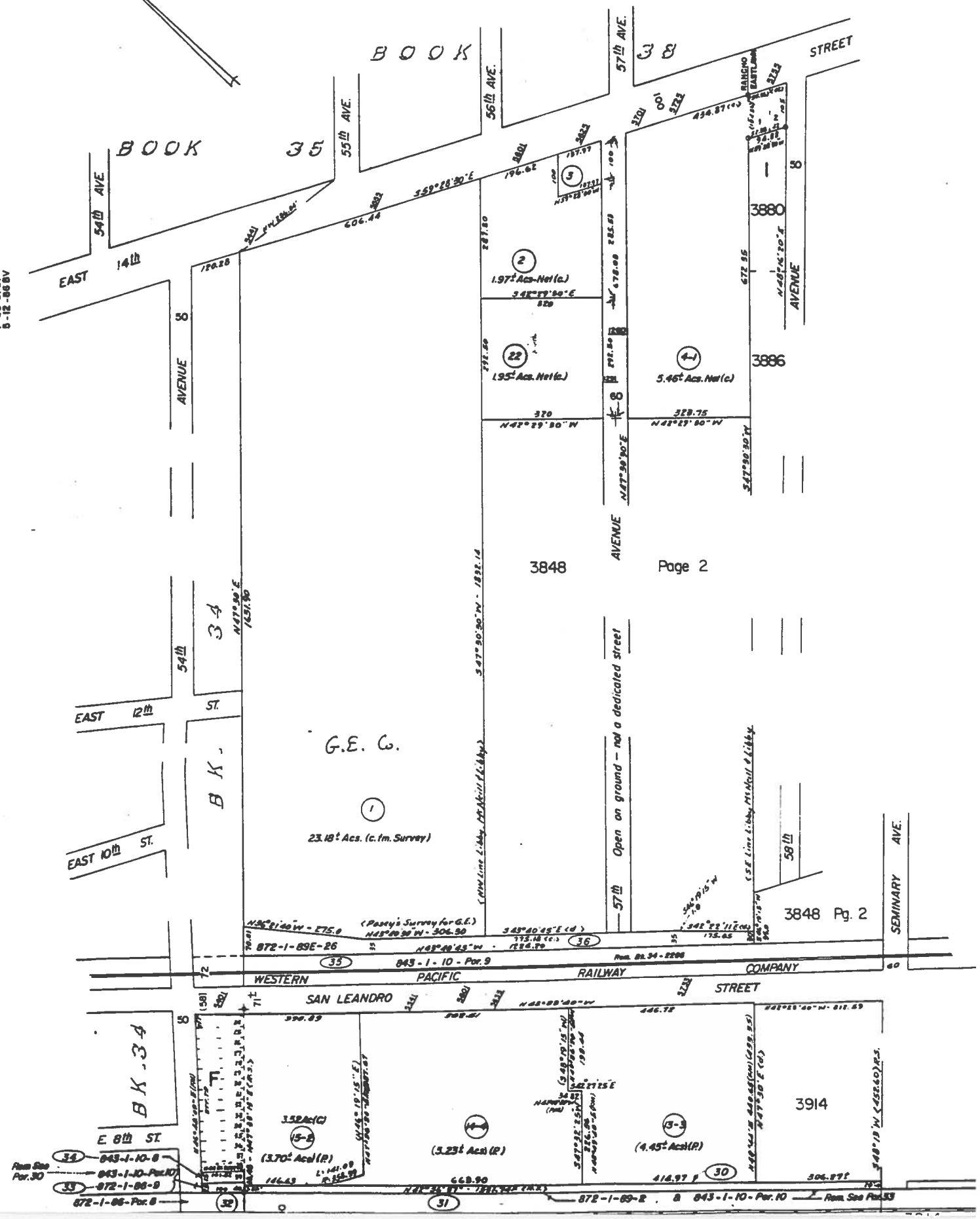
Scale: 1" = 200'

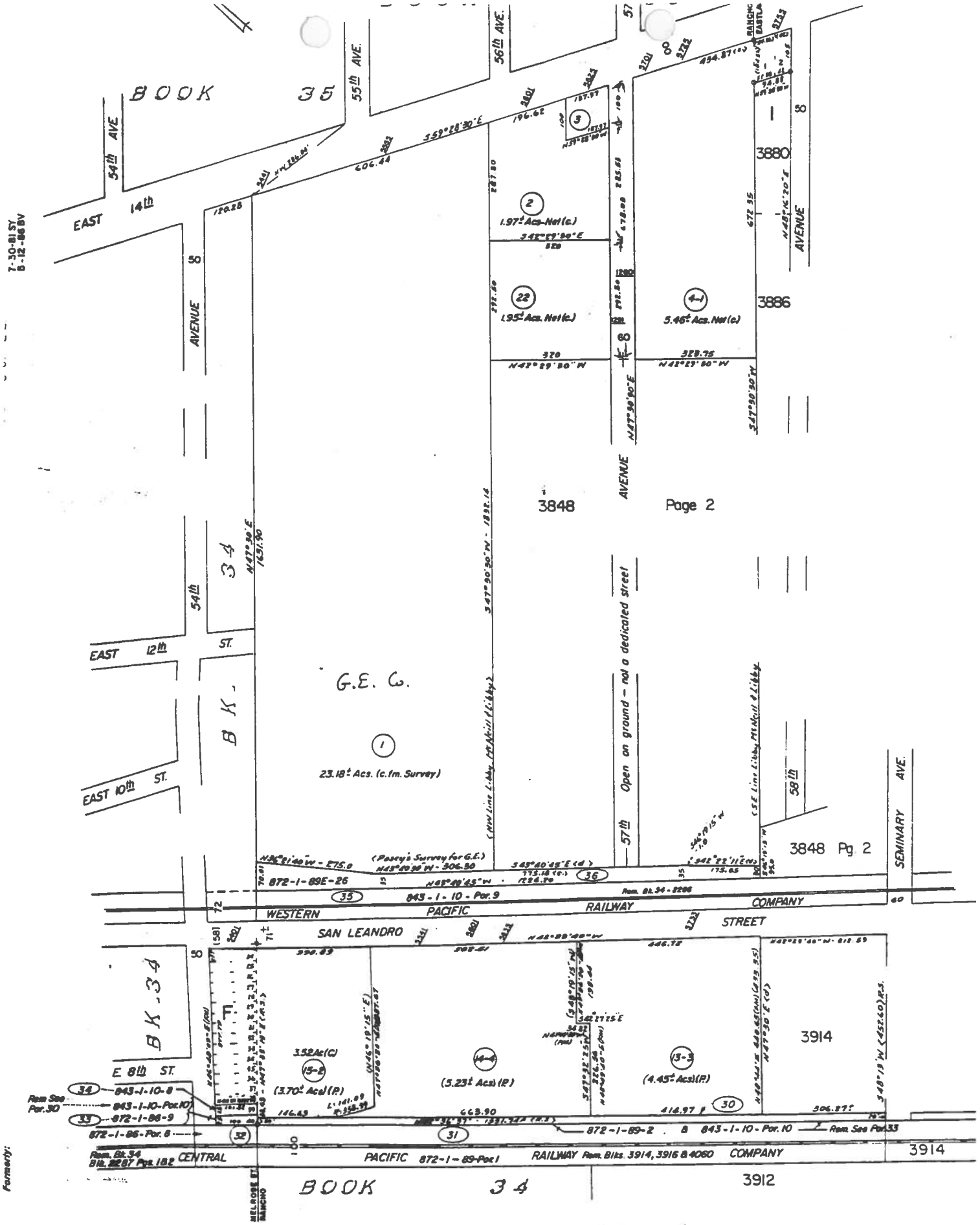
Page 1

RANCHO SAN ANTONIO (A.M.Peralta et al) (Bk. "A" Pats. Pg.669)

MELROSE STATION TRACT (Bk. 12 Pg. 28)

EASTLAWN (Bk. 25 Pg. 35)





A.C.M.:

References: Posey Survey (Gen'l. Elec. Co.) Case 2-21A-1, (R/S ARB. NO. 53 Rec. Sur. (Con. Con Co.) R.S. Bk. 1 Pg. 43) BART (Bk. 68 Pg. 94), R/S ARB NO. 50 (

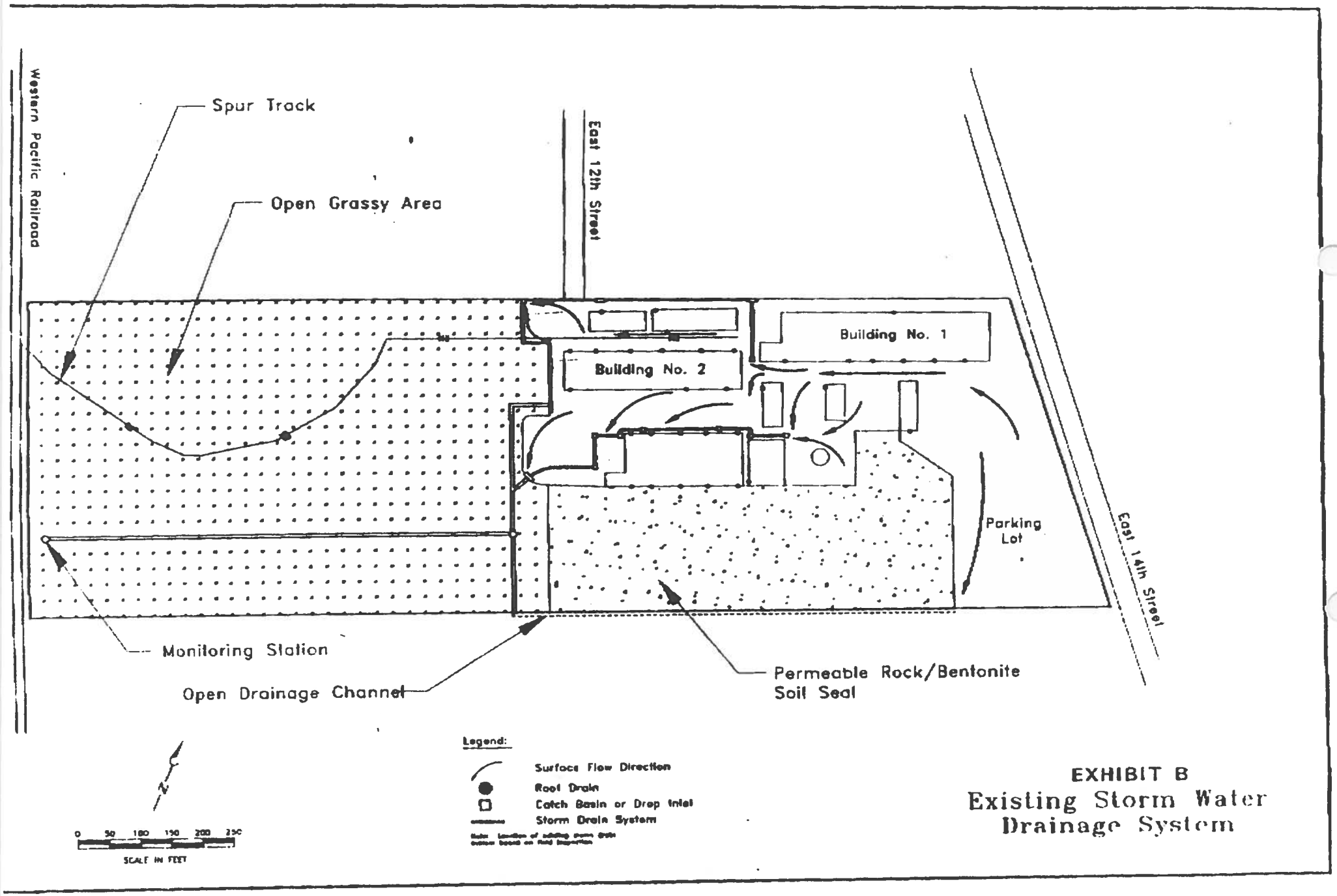


EXHIBIT B
Existing Storm Water Drainage System

APPENDIX E

PHASE I BUILDING ASSESSMENT REPORT

Imagine the result

General Electric Company

Phase I Building Assessment Report

East 14th Street Facility
Oakland, California

January 2009

ARCADIS

Phase I Building Assessment Report

East 14th Street Facility
Oakland, California

David R. Gerber, P.E.
Program Manager

Jerzy Cebula, P.E.
Certified Project Manager

Prepared for:
General Electric Company

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Our Ref.:
B0031045.0000

Date:
January 2009

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Appendices

A Photo Log of Visible Site Features

B Historical File Index

C Sampling Logs

D Photo Log of Sampling Locations

E Laboratory Reports

F Limited Asbestos Survey

ACCM	Asbestos Containing Construction Materials
ACM	Asbestos Containing Materials
AHERA	Asbestos Hazard Emergency Response Act
ARCADIS	ARCADIS U.S., Inc
BAR	Building Assessment Report
BARMM	Building Assessment Report Memorandum (ARCADIS, October 8, 2008)
Cal OSHA	California Occupational Safety and Health Act
CCR	California Code of Regulations
CFR	Code of Federal Regulations
EMSL	EMSL Analytical, Inc.
GE	General Electric Company
Geosyntec	Geosyntec Consultants
LF	Linear Foot
LFR	LFR, Inc.
mg/kg	milligrams per kilogram
NESHAP	National Emission Standards for Hazardous Air Pollutants
OSHA	Occupational Safety and Health Act
PACM	Potential Asbestos Containing Materials
PCB	Polychlorinated biphenyl

ppb	parts per billion
ppm	part per million
RCRA	Resource Conservation and Recovery Act
SAP	Sampling and Analysis Plan (ARCADIS, October 2008)
SAP Addendum	Addendum No.1 Sampling and Analysis Plan (ARCADIS November 2008)
SES	Sevenson Environmental Services, Inc.
SF	Square Foot
STLC	Soluble Threshold Limits Concentrations
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TEM	Transmission Electron Microscope
TestAmerica	TestAmerica Laboratories, Inc.
TSCA	Toxic Substance Control Act
TTLC	Total Threshold Limits Concentrations
$\mu g/cm^2$	Microgram per square centimeter
USEPA	United States Environmental Protection Agency
VFT	Vinyl Floor Tile
VOC	Volatile Organic Compound

1. Introduction

This Phase 1 Building Assessment Report (BAR) presents the results of the Phase 1 pre-demolition building assessment for the General Electric Company (GE) Oakland, California facility located at 5441 East 14th Street (also known as International Boulevard), Oakland, California (the site). This BAR has been prepared as part of the Phase I Pre-Demolition Building Assessment. The assessment activities were performed in general accordance with the following facility-specific documents:

- ARCADIS U.S., Inc.'s (ARCADIS') July 23, 2008 *Pre-Demolition Building Assessment Scope of Work* letter to GE.
- ARCADIS' October 28, 2008 *Scope of Work for Additional Pre-Demolition Building Assessment - Phase I* letter to GE.
- *Sampling and Analyses Plan (SAP)* (ARCADIS, October 2008).
- *Addendum No. 1 to Sampling and Analyses Plan* (SAP Addendum) (ARCADIS, November 2008).

Certain facility-related information has already been presented in the above-referenced documents and in the draft Building Assessment Report Memorandum (ARCADIS, October 8, 2008) (BARM). To avoid repetition, specific sections of these documents may be referenced in this BAR, as appropriate.

1.1 Site Description and Background

GE's East 14th Street Oakland facility originally consisted of five buildings and two radio towers. During the course of operations, the facility underwent expansions and modifications and currently ten buildings are present at the site. A more detailed description of the current site and facility structures is included in the BARM.

The facility operated as a transformer manufacturing facility from 1924 through 1975. Site activities included, but were not limited to, the manufacture of transformers containing polychlorinated biphenyl- (PCB-) oils and the importation and storage of PCB-oils to meet operational needs. After 1975 the facility's use was limited to serving as GE's Oakland Apparatus Service Shop and as a storage facility. Current site activities are limited to storage and soil/groundwater remediation.

1.2 Site Location and General Description

The facility is located at 5441 East 14th Street, also known as International Boulevard, in Oakland, California. The property consists of approximately 24 acres of land on the southwest side of International Boulevard and the southeast side of 54th Avenue. The property is bordered by a commercial/industrial property to the southeast, railway to the southwest and commercial and residential properties to the northwest. A site location is presented on Figure 1.

The site is surrounded by a perimeter fence and 24-hour security service is provided. Most of the site is covered by asphalt pavement; however, a grassy area is located on the western end of the property outside the fence.

The facility features ten building structures with the majority of process-related equipment previously removed. The approximate location of the facility structures is shown on Figure 2. A photo log of the existing visible site features is included as Appendix A.

1.3 Report Organization

Section	Description
1. Introduction	Presents a site description and background and organization of the report.
2. Pre-demolition Building Assessment Scope and Objectives	Presents the scope and objectives of the building assessment activities.
3. Phase I Visual Assessment Activities	Presents an account of the historic document review and visual observation of tanks.
4. Electric Disconnections	Describes the electric disconnections performed prior to and reconnections made following the assessment activities.
5. Sampling and Analyses	Presents the proposed and actual sample quantities and sampling protocol used to collect samples. Includes a discussion of regulatory criteria that should be considered in conjunction with the analytical results. Presents the sample analytical results.
6. Conclusions/ Recommendations	Presents conclusions and recommendations based on the results of the Phase I building assessment.

2. Pre-Demolition Building Assessment Scope and Objectives

2.1 Scope

The Phase I Pre-Demolition Building Assessment activities were conducted to furnish data which would provide a conceptual understanding of the conditions and potential impacts to the building interiors. The Phase 1 Pre-Demolition Building Assessment results will be used to facilitate preparation of conceptual level cost estimates for building demolition program, and to determine scope and cost of additional building characterization that will be needed prior to initiation of building demolition.

The scope of the assessment activities was limited to facility structures and associated equipment only and did not include soil, groundwater or other environmental media. Any environmental media-related data (i.e., soil, air) included in this BAR was collected to promote safe implementation of the work or to aid in proper characterization of the structures for demolition/removal purposes. The following structures were subject to the assessment activities described herein:

- Building 1 – High Bay and 1st and 2nd floor office areas.
- Buildings 2, 4, 8, 9, 17, 18, 20 and 21.
- Pump House.
- Exterior (Outer) Tanks.

The approximate location of the facility structures is presented on Figure 2.

Phase I Pre-Demolition Building Assessment field activities included the following:

- Historic document review.
- Verification of electric service disconnection and lockout/tagout of remaining energy sources during sampling activities.
- An asbestos survey.
- Building material sampling and analyses.

- Visual observation of tanks.

2.2 Objectives

The primary objective of the building assessment program was to generate data to support the following:

- Proper decontamination, decommissioning and demolition (D3) of the facility structures.
- Proper handling, segregation and disposition of waste materials generated during the D3 activities.
- Preparation of bid specifications for D3 of the facility structures.
- Determining minimum health and safety requirements to be followed during implementation of the project.

3. Phase 1 Visual Assessment Activities

3.1 Historic Document Review

Pursuant to GE's request, in September and October 2008 ARCADIS reviewed 9 site-related documents previously provided to us by GE. These documents are marked as "Reviewed" in a historical file index included as Appendix B to this BAR.

Based on the review of the 9 documents, ARCADIS did not identify any useful information that could be directly applied to aid in building material assessment. A record of several wipe and bulk samples collected in 1999 that contained Aroclor 1260 was identified, but locations from which these samples had been collected could not be determined based on the information presented in the reviewed documents.

Subsequently, per GE's request, on October 22, 2008, ARCADIS reviewed selected files associated with the site at Geosyntec Consultants' (Geosyntec's) office in Oakland, CA. Of specific interest to ARCADIS were files concerning historical building material sampling, specifically sampling pertaining to the tanks located in Building 21 and the gravel-filled pits located in Building 1. Reviewed files included previous Environmental Site Assessment Reports, schematics for the oil water separator, etc. ARCADIS marked information of potential reference to the buildings and future demolition.

ARCADIS copied files containing pictures of the floor pits in Building 1, sandblasting material analytical results from a floor pit in Building 1, paint chip sampling information from Building 2, wipe sampling information from Building 4 and tank inspection field logs and sampling records from Building 21. Additional information requested by ARCADIS during the October 22, 2008 file review was provided to ARCADIS by Geosyntec in November 2008. A list of information/files received and reviewed by ARCADIS is shown in Appendix B, marked as "Reviewed". The additional information consisted of the historical site information from previous environmental assessment reports, site sump sampling records, sewer system and fire line modification records, pyranol and 10C oil infrastructure records, previous tank farm demolition specifications, oil/water separator permitting and closure records and underground storage tank closure records. A summary of pertinent tank- and gravel-filled pit information identified during the historical document review is presented below.

3.1.1 Building 21 Tanks

Liquid contained in three of the Building 21 tanks: No. 3, No. 8 and No. 14 was sampled by Geosyntec in May 2001. The analytical laboratory results indicated that a sample collected from Tank 14 liquid contained PCBs at concentration of 4 parts per billion (ppb). No PCBs were detected at concentrations exceeding laboratory detection limits in samples collected from tanks No. 3 and No. 8. No volatile organic compounds (VOCs) were detected in samples collected from the 3 tanks at concentrations above laboratory detection limits (*Storage Containers in Building 21,* Geomatrix Consultants, 2001).

3.1.2 Building 1 Gravel-Filled Pits

Only one photograph and one sample result (sand blasting media) were available to address the prior status of the gravel-filled floor pits in Building 1. Based on this information, it appears that walls of the concrete pits were visibly clean prior to backfilling with gravel. A visible condition of pits' bottoms could not be determined based on the review of the photograph. In November 1996, bulk samples of sandblasting media collected from equipment and a sandblasting pit in Building 1 showed notable results for metals, including 3,300 ppm lead. PCB results ranged from 0.25 to 2.1 ppm in the equipment related samples and 3.2 ppm in the media from the pit. (*Sandblast Material - Building 1*, Geomatrix Consultants, November 1996).

3.1.3 Piping

Historical records describing the pyranol oil infrastructure removal at the site indicate that approximately 260 feet of former pyranol piping may still be present overhead in Building 1.

3.2 Visual Observations of Tanks

The storage tanks were visually observed by ARCADIS in November 2008. The tank inspection logs are included along with sampling logs in Appendix C. A summary of the observations is presented in Table 1.

4. Electric Disconnections

Since electrical power was still connected to portions of the site at the start of field activities, ARCADIS subcontracted Sevenson Environmental Services, Inc. (SES) to provide a California-licensed electrician to clear proposed core sampling locations. In order to eliminate electric hazards prior to initiating intrusive building material sampling in Buildings 2 and 4, the electrician disconnected power to the west end of Building 2 and all of Building 4.

Following the completion of sampling activities, the security guard requested that the power be restored to maintain functionality of the security lights on the exterior of Building 2, cameras on the exterior of Building 2 and lights on the exterior of Building 4. The electrician remobilized to the site and restored power to the west end of Building 2. Power was not restored to Building 4 as the previously existing electrical connection did not meet California Electrical Code (California Code of Regulations Title 24 Part 3) standards. Figure 3 documents the status of remaining electrical service at the site following the disconnection to Building 4, as observed by the electrician.

5. Sampling and Analyses

This section presents a description of the sampling and analyses activities performed under the pre-demolition building assessment along with a summary of associated laboratory analytical results.

All sampling activities were conducted in accordance with applicable federal, state, and local regulations including, but not limited to:

- Title 29 of the Code of Federal Regulations (Title 29 CFR) (Occupational Safety and Health Administration [OSHA] regulations).
- Title 40 CFR – Protection of the Environment (United States Environmental Protection Agency [USEPA] Regulations).

In accordance with State of California regulations, asbestos sampling was conducted by California-licensed asbestos inspectors, and laboratory analysis was performed by a State of California certified laboratory.

5.1 Sampling Activities

Sampling activities were conducted during October and November 2008 by ARCADIS and LFR, Inc. (LFR), as a subcontractor to ARCADIS. The following subsections summarize the matrix and sample quantities detailed in the SAP and the SAP Addendum that were to be collected and the actual sample quantities collected. Unless otherwise noted, building and equipment samples were sent to TestAmerica Laboratories Inc. (TestAmerica) located in Irvine, CA for analyses; and potential asbestos-containing material (PACM) samples were sent to EMSL Analytical, Inc. (EMSL) located in Pasadena, CA.

Sample data including sample identification, location, matrix sampled, sample date/time and visual conditions of sample and sample location were recorded on individual sampling logs. Sampling logs are presented in Appendix C. Sample identifications were marked at the sample locations using a piece of duct tape and the locations were photographed. A photo log of the sample locations is presented in Appendix D.

Following sample collection, sample locations in building concrete floor slab were patched with concrete patch and sample locations in exterior walls and ceilings were patched with sealant/caulk.

5.1.1 Equipment Oil

The SAP and SAP Addendum proposed the collection of up to 13 samples of oil from oil-containing equipment (bridge and jib cranes) present in Buildings 1 and 2. Samples were to be analyzed for PCBs using USEPA SW-846 Method 8082.

Fourteen (14) samples (including one duplicate) were collected. Bulk samples of oil from oil-containing equipment were collected by draining an appropriate amount of oil either directly into the laboratory provided sample container or using a sampling tool (i.e., pipette).

5.1.2 Residual Sludge and Debris

The SAP and SAP Addendum proposed the collection of samples of residual sludge and debris present in selected sumps and pits. The following samples were to be submitted to TestAmerica for analyses:

- One bulk debris sample for total RCRA metals using USEPA SW-846 Method 6010B.
- Four bulk debris samples for total PCBs using USEPA SW-846 Method 8082.
- Up to 5 grab samples of residual product (if any) present in the abovegrade storage tanks located in Building 21 and the two former used oil storage tanks adjacent to Building 1 for total PCBs using USEPA SW-846 Method 8082.

Seven samples were collected. Each bulk sample of debris/soil was collected using a hand trowel/scoop. After each sample was collected, the trowel/scoop was decontaminated. Bulk samples of residual sludge and oil were collected by dipping a sample jar or sampling tool into the liquid and placing into a laboratory-supplied sample container.

5.1.3 Building Material Core Samples

Full core samples were collected from selected building materials and submitted to TestAmerica for analysis as follows:

- Up to 30 full core building material samples were to be analyzed for RCRA hazardous waste determination and total concentration analyses using the following methods:
  - TCLP VOCS using USEPA SW-846 Method 1311/8260C.
  - TCLP SVOCs using USEPA SW-846 Method 1311/8270C.
  - TCLP metals using USEPA SW-846 Method 1311/6010B/7470A.
  - Corrosivity using USEPA Method 9045.
  - Ignitability using USEPA Method 1010.
  - Total metals (CCR Title 22 metals) using USEPA SW-846 Method 6010B/7470A.
  - Total SVOCs(CCR Title 22 SVOCs) using USEPA SW-846 Method 8270C.
  - Total VOCs(CCR Title 22 VOCs) using USEPA SW-846 Method 8260C.
  - Total PCBs using USEPA SW-846 Method 8082.

  If the total threshold limit concentrations (TTLC) for these samples indicates the potential to exceed soluble threshold limit concentrations (STLC), then STLC analyses was to be performed.

- Up to 53 full core building material samples were to be analyzed for total PCBs using USEPA SW-846 Method 8082.

86 building material cores were collected. Core samples were collected using a rotary drill with a one-inch core bit from the full depth of the material or to refusal, whichever encountered first. After each sample was collected, the bit was decontaminated. Samples were collected and placed into laboratory-supplied containers.

5.1.4 Wipes Samples

The SAP and SAP addendum proposed the collection of up to 23 wipe samples from selected equipment and building material surfaces. In addition, up to 12 wipe samples were to be collected from the interiors of the abovegrade storage tanks located in Building 21 and used oil storage tanks near Building 1. Wipe samples were to be analyzed for PCBs using USEPA SW-846 Method 8082.

A total of 37 wipe samples were collected. Samples of the building materials were collected in accordance with TSCA regulations with the exception of tank interiors, due to access limitations. Wipe samples were collected from equipment and building material surfaces for total PCB analysis. With the exception of samples collected from tank interiors, each wipe sample was collected from a 100-square-centimeter area using a sterile gauze pad moistened with hexane water prior to sampling. The moistened gauze pads were wiped over the sample area from top to bottom, and then left to right. The wipe samples were collected and placed into a laboratory-supplied sample containers.

The samples collected from the tank interiors did not meet TSCA requirements as a specific area could not be marked on the interior of the tanks without performing confined space entry.

5.1.5 Paint

The SAP and SAP Addendum proposed the collection of up to 30 paint chip samples to be sent for analysis for the following:

- 15 samples for total PCBs using USEPA SW-846 Method 8082.
- 15 samples for total lead and cadmium using USEPA SW-846 Method 6010B.

During field activities, 15 paint chip samples were collected and submitted for PCB analysis and 16 paint chip samples for lead and cadmium analysis. Samples were collected by removing loose paint with a metal scraper and placing the paint chips directly into a sample jar. When more than one color of paint was present at a location, composite samples were collected and the different paints were identified in the sampling logs (Appendix C). One proposed paint chip sample could not be collected in Building 20 because no paint chips could be removed from the specified location so a wipe sample was collected at this location instead.

5.1.6 Asbestos-Containing Materials

An asbestos survey complying with the requirements of California Occupational Safety and Health Act (Cal OSHA), EPA's Asbestos Hazard Emergency Response Act (AHERA) guidelines, and EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations was conducted. The survey did not include building

exteriors (i.e., features external to the buildings) or belowgrade features (e.g., utility piping, etc.).

5.2 Data Considerations

Various regulatory criteria/values are discussed below. If applicable, the analytical results were screened against these criteria and values. Because disposition of the buildings has not yet been determined, some of the criteria are not directly applicable at this time; however, the criteria provide a means for assessment of the data. Future use/disposition of the buildings will determine the applicability of the criteria and the need for further sampling, if warranted.

5.2.1 Hazardous Waste

5.2.1.1 Resource Conservation and Recovery Act Toxicity Limits

The RCRA maximum concentrations of contaminants for toxicity characteristic (toxicity limits) from Title 40 CFR Part 261 are applicable if buildings are demolished and removed for disposal or if building material is removed during renovation or building remediation (i.e., generated as a waste). The toxicity limits were used for comparison with TCLP values for preliminary assessment purposes.

Using values equal to 20 times the RCRA Toxicity Limit (20X RCRA Toxicity Limit) for comparison with totals analyses provides an indication of the potential for a waste to be characteristic. However, after the waste is generated, further testing (TCLP testing) will be required to determine if the waste is characteristically hazardous or not.

5.2.1.2 California Code of Regulations Title 22

Total constituent results are compared to the total threshold limit concentration for constituents listed in Table 2 of 22 CCR Section 66261. If any total constituent concentration exceeds the TTLC values, then the material is a non-RCRA hazardous waste (Cal-Haz) under the California hazardous waste regulations. If none of the total constituent results exceed the TTLC values, then the total constituent results for inorganic constituents are compared to the solubility threshold limit concentration (STLCs) listed in Table 2 of 22 CCR 66261 to determine if any of the total results exceed the values by more than 10 times. If any of the total constituent results exceed

10 times the STLC value, then the material would have the potential to be a non-RCRA hazardous waste.

5.2.2 TSCA

Under a scenario of a mothballed facility, the most applicable PCB criteria are the Toxic Substances Control Act (TSCA) PCB criteria for low occupancy areas presented in Title 40 CFR 761.61(a). A low occupancy area is defined as an area where occupancy for any individual not wearing dermal or respiratory protection during a calendar year is less than 840 hours for nonporous-surfaces and less than 335 hours for bulk PCB remediation waste. For low occupancy areas, the cleanup level for bulk PCB remediation waste is $\leq$25 parts per million (ppm) (roughly equivalent to milligrams per kilogram [mg/kg]), and for non-porous surfaces, the surface cleanup standard is $\leq$100 micrograms/100 square centimeters (100µg/100cm^2). Low occupancy areas may remain at concentrations >25 ppm and $\leq$50 ppm if access is restricted and the area is marked with a sign that includes the M_L mark [Large PCB Mark defined in Title 40 CFR 761.45(a)]. Under Title 40 CFR 761.30(p), PCB-impacted porous surfaces such as concrete flooring, brick, and wood, can remain "in service" provided the material surfaces are double washed and rinsed, covered by either a double coating or a solid barrier, and the surface is marked with the M_L mark.

If future use of the building involves high occupancy, the cleanup level for bulk PCB remediation waste in high occupancy areas is $\leq$1 ppm without further conditions. A high occupancy area is an area where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is 840 hours or more for non-porous surfaces and 335 hours or more for bulk PCB remediation waste.

Under a demolition scenario, TSCA disposal criteria would be applicable. Please note that the TSCA-related disposal requirements presented below would become applicable when the materials are generated as a waste for disposal (through building demolition or building remediation). Bulk PCB remediation waste containing PCBs at concentrations >50 ppm requires TSCA-regulated disposal in a permitted hazardous waste landfill. Bulk PCB remediation waste that contains <50 ppm PCBs as the result of a release that occurred prior to the effective date of the TSCA regulations (April 1978) can be disposed in a non-TSCA-regulated nonhazardous permitted landfill. Bulk PCB remediation waste that contains PCBs as the result of a release that occurred after the effective date of the regulations may require USEPA notification prior to disposal at a nonhazardous landfill or may be disposed at a permitted hazardous waste landfill without agency notification.

PCB bulk product wastes are wastes derived from manufactured products containing PCBs in a non-liquid state and are regulated under different regulations than bulk PCB remediation waste. Window glaze and expansion joint compound would be considered PCB bulk product waste and as such would require disposal as a TSCA-regulated waste if they contain PCBs >50 ppm.

5.2.3 OSHA

Lead and cadmium in paint analytical results were compared to OSHA standards. A result greater than 600 parts per million (ppm) for lead and/or any concentration of cadmium above detection limits triggers worker protection provisions in Title 29 CFR 1926.62, Lead in Construction Standard, and/or Title 29 CFR 1926.1127 for Cadmium if these materials are disturbed during building maintenance, renovation, or building demolition.

5.3 Analytical Results

This section presents a summary of analytical results for building materials and equipment samples collected by ARCADIS in November 2008. For more details refer to figures and tables referenced in subsections below. A summary of the asbestos survey results is presented in Section 5.4.

The laboratory analytical reports are provided in Appendix E. The sampling results are discussed below on a building by building basis.

5.3.1 Building 1

Building 1 sample locations are presented on Figure 4.

<u>Equipment Oil</u>

ARCADIS collected three bulk oil samples (including one duplicate) from the overhead bridge cranes in Building 1. Oil samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 2A.

PCBs were not detected in any of the three samples at concentrations above the laboratory detection limits.

Residual Sludge and Debris

ARCADIS collected two bulk debris samples from two floor sumps in Building 1. Debris samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 2A.

PCBs were detected in both samples with concentrations of 1.8 mg/kg and 1,003.5 mg/kg.

Building Material Core Samples

ARCADIS collected 23 building material core samples from various concrete, wood and brick building materials in Building 1. Each of the core samples was analyzed for total PCBs. Eight of the core samples were also analyzed for RCRA hazardous waste determination and total concentration analyses. Results obtained from the laboratory analyses are presented in Tables 2A and 2D.

PCBs were detected in 20 of the core samples at concentrations ranging from 0.125 mg/kg to 460 mg/kg

Lead was detected in two samples at concentrations of 86 and 120 mg/kg, indicating a possibility for these samples to fail STLC analyses.

Wipe Samples

ARCADIS collected three wipe samples of building surfaces in Building 1. Wipe samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 2B.

PCBs were detected in one of the wipe samples at a concentration of 16 ug/wipe.

Paint

ARCADIS collected six paint samples of peeling paint in Building 1. Paint samples were analyzed for total PCBs, lead and cadmium. Results obtained from the laboratory analysis are presented in Table 2C.

Three samples were analyzed for total PCBs. PCBs were detected in each of the three samples at concentrations ranging from 17 mg/kg to 63.5 mg/kg.

Three samples were analyzed for lead and cadmium. Lead was detected in each of the three samples at concentrations ranging from 38 mg/kg to 2,700 mg/kg. Cadmium was detected in all three samples at concentrations ranging from 0.72 mg/kg to 36 mg/kg.

5.3.2 Building 2

Building 2 sample locations are presented on Figure 5.

Equipment Oil

ARCADIS collected eleven oil samples from the overhead bridge cranes in Building 2. Oil samples were analyzed for total PCBs. Results obtained from the laboratory analyses are presented in Table 3A.

PCBs were not detected in any of the samples at concentrations above the laboratory detection limits.

Residual Sludge and Debris

ARCADIS collected one bulk debris sample from a floor sump in Building 2. The debris sample was analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 3A.

PCBs were detected in the sample at a concentration of 3.3 mg/kg.

Building Material Core Samples

ARCADIS collected 19 building material core samples and one duplicate sample from various concrete, wood and brick building materials in Building 2. Each of the core samples was analyzed for total PCBs. Five of the core samples were also analyzed for RCRA hazardous waste determination and total concentration analyses. Results obtained from the laboratory analysis are presented in Table 3A and 3D.

PCBs were detected in 16 of the samples at concentrations ranging from 0.051 mg/kg to 6.3 mg/kg.

Wipe Samples

ARCADIS collected three wipe samples of building material surfaces in Building 2. Wipe samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 3B.

PCBs were detected in two of the wipe samples at concentrations of 3.3 ug/wipe and 7.6 ug/wipe.

Paint

ARCADIS collected six paint samples and two duplicate samples of peeling paint in Building 2. Paint samples were analyzed for total PCBs, lead and cadmium. Results obtained from the laboratory analysis are presented in Table 3C.

Four samples were analyzed for total PCBs. PCBs were detected in each of the four samples at concentrations ranging from 3.4 mg/kg to 280 mg/kg.

Four samples were analyzed for lead and cadmium. Lead was detected in each of the four samples at concentrations ranging from 1,300 mg/kg to 20,000 mg/kg. Cadmium was detected in all four samples at concentrations ranging from 36 mg/kg to 64 mg/kg.

5.3.3 Building 4

Building 4 sample locations are presented on Figure 5.

Oil-Containing Equipment

No oil-containing equipment samples were collected in Building 4.

Residual Sludge and Debris

No residual sludge, debris or oil samples were collected in Building 4.

Building Material Core Samples

ARCADIS collected eight building material core samples from various concrete and wood building materials in Building 4. Each of the core samples was analyzed for total PCBs. Two of the core samples were also analyzed for RCRA hazardous waste

determination and total concentration analyses. Results obtained from the laboratory analysis are presented in Table 4A and 4D.

PCBs were detected in three of the core samples at concentrations ranging from 0.069 mg/kg to 0.410 mg/kg.

Wipe Samples

ARCADIS collected three wipe samples of building material surfaces from Building 4. Wipe samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 4B.

PCBs were detected in one of the wipe samples at a concentration of 3.1 ug/wipe.

Paint

ARCADIS collected six paint samples from peeling paint in Building 4. Paint samples were analyzed for total PCBs, lead and cadmium. Results obtained from the laboratory analysis are presented in Table 4C.

Three samples were analyzed for total PCBs. PCBs were detected in two of the samples at concentrations of 34.2 mg/kg and 38.3 mg/kg.

Three samples were analyzed for lead and cadmium. Lead was detected in each of the three samples at concentrations ranging from 14 mg/kg to 3,600 mg/kg. Cadmium was not detected at concentrations greater than the detection limit.

5.3.4 Building 8

Building 8 sample locations are presented on Figure 7.

Equipment Oil

No equipment oil samples were collected in Building 8.

Residual Sludge and Debris

ARCADIS collected one dust/debris sample from Building 8, B08-CW-B-003, and analyzed for total concentration of 8 RCRA metals. Results obtained from the laboratory analysis are presented in Table 5D.

Chromium was detected at a concentration of 150 mg/kg indicating a potential to fail STLC and/or TCLP analyses; and lead was detected at a concentration of 81 mg/kg indicating a potential to fail STLC analysis.

Building Material Core Samples

ARCADIS collected seven building material samples and two duplicate samples from various concrete and wood building materials in Building 8. Each of the core samples was analyzed for total PCBs. Four of the core samples were analyzed for RCRA hazardous waste determination and total concentration analyses. Results obtained from the laboratory analysis are presented in Table 5A and 5E.

PCBs were detected in three of the building material samples at concentrations ranging from 0.053 mg/kg to 2.494 mg/kg. Chromium was detected in one of the waste characterization samples and the duplicate of that sample at concentrations of 53 mg/kg and 56 mg/kg.

Wipe Samples

ARCADIS collected one wipe sample of a building material surface in Building 8. The wipe sample was analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 5B.

PCBs were not detected at concentrations above detection levels in the wipe sample.

Paint

ARCADIS collected two paint samples from peeling paint in Building 8. Paint samples were analyzed for total PCBs, lead and cadmium. Results obtained from the laboratory analysis are presented in Table 5C.

One sample was analyzed for total PCBs. PCBs were detected at a concentration of 98 mg/kg.

One sample was analyzed for lead and cadmium. Lead was detected at a concentration of 1,100 mg/kg. Cadmium detected at a concentration of 1.7 mg/kg.

5.3.5 Building 9

Building 9 sample locations are presented on Figure 6.

Equipment Oil

No equipment oil samples were collected in Building 9.

Residual Sludge and Debris

No residual sludge, debris or oil samples were collected in Building 9.

Building Material Core Samples

ARCADIS collected one building material core sample from a railroad tie wood base in Building 9. The core sample was analyzed for total PCBs and RCRA hazardous waste determination and total concentration analyses. Results obtained from the laboratory analysis are presented in Table 6A and 6C.

PCBs were not detected at a concentration above the detection limit.

Wipe Samples

No wipe samples were collected from Building 9.

Paint

ARCADIS collected two paint samples from peeling paint in Building 9. Paint samples were analyzed for total PCBs, lead and cadmium. Results obtained from the laboratory analysis are presented in Table 6B.

One sample was analyzed for total PCBs. PCBs were not detected at a concentration above detection limits.

One sample was analyzed for lead and cadmium. Lead was detected at a concentration of 790 mg/kg. Cadmium was not detected at a concentration above detection limits.

5.3.6 Building 17

Building 17 sample locations are presented on Figure 6.

Equipment Oil

No equipment oil samples were collected in Building 17.

Residual Sludge and Debris

No residual sludge, debris, or oil samples were collected from Building 17.

Building Material Core Samples

ARCADIS collected seven building material core samples and one duplicate sample from various concrete and wood building materials in Building 17. Each of the core samples was analyzed for total PCBs. Three of the core samples were also analyzed for RCRA hazardous waste determination and total concentration analyses. Results obtained from the laboratory analysis are presented in Table 7A and 7D.

PCBs were detected in one of the core samples at a concentration of 0.052 mg/kg.

Pentachlorophenol was detected in one sample at a concentration of 4,500 mg/kg, which exceeds TTLC for California hazardous waste.

Wipe Samples

ARCADIS collected three wipe samples of building material surfaces in Building 17. Wipe samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 7B.

PCBs were not detected at concentrations above detection levels in the wipe samples.

Paint

ARCADIS collected two paint samples from peeling paint in Building 17. Paint samples were analyzed for total PCBs, lead and cadmium. Results obtained from the laboratory analysis are presented in Table 7C.

One sample was analyzed for total PCBs. PCBs were detected at a concentration of 2 mg/kg.

One sample was analyzed for lead and cadmium. Lead was detected at a concentration of 1,100 mg/kg. Cadmium was not detected at a concentration above the detection limit.

5.3.7 Building 18

Building 18 sample locations are presented on Figure 7.

Equipment Oil

No equipment oil samples were collected in Building 18.

Residual Sludge and Debris

No residual sludge, debris, or oil samples were collected from Building 18.

Building Material Core Samples

ARCADIS collected four building material core samples from various concrete and wood building materials in Building 18. Each of the core samples was analyzed for total PCBs. One of the core samples was also analyzed for RCRA hazardous waste determination and total concentration analyses. Results obtained from the laboratory analysis are presented in Table 8A and 8D.

PCBs were detected in each sample with concentrations ranging from 0.120 mg/kg to 0.590 mg/kg.

Wipe Samples

ARCADIS collected one wipe samples and one duplicate sample of building material surfaces in Building 18. Wipe samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 8B.

PCBs were detected in both samples at concentrations of 14 ug/wipe and 22 ug/wipe.

Paint

ARCADIS collected two paint samples from peeling paint in Building 18. Paint samples were analyzed for total PCBs, lead and cadmium. Results obtained from the laboratory analysis are presented in Table 8C.

One sample was analyzed for total PCBs. PCBs were detected at a concentration of 5.3 mg/kg.

One sample was analyzed for lead and cadmium. Lead was detected at a concentration of 400 mg/kg. Cadmium was not detected at a concentration above the detection limit.

5.3.8 Building 20

Building 20 sample locations are presented on Figure 7.

Equipment Oil

No equipment oil samples were collected in Building 20.

Residual Sludge and Debris

No residual sludge, debris, or oil samples were collected from Building 20.

Building Material Core Samples

ARCADIS collected three building material core samples from various concrete building materials in Building 20. Each of the core samples was analyzed for total PCBs. One of the core samples was also analyzed for RCRA hazardous waste

determination and total concentration analyses. Results obtained from the laboratory analysis are presented in Table 9A and 9D.

PCBs were detected in two samples at concentrations of 0.21 mg/kg and 1.03 mg/kg.

Wipe Samples

ARCADIS collected two wipe samples and one duplicate from building material surfaces in Building 20. Wipe samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 9B.

PCBs were detected in two samples at concentrations of 3.5 ug/wipe and 7 ug/wipe.

Paint

ARCADIS collected one paint sample from peeling paint in Building 20. The paint sample was analyzed for lead and cadmium. Results obtained from the laboratory analysis are presented in Table 9C.

Lead was detected at a concentration of 7,500 mg/kg. Cadmium was not detected at a concentration above the detection limit.

5.3.9 Building 21

Building 21 sample locations are presented on Figure 7.

Equipment Oil

No equipment oil samples were collected in Building 21.

Residual Sludge and Debris

ARCADIS collected one debris sample of dry dark brown crust-like material located in a sump in Building 21. The debris sample was analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 10A.

PCBs were detected in the bulk sample at a concentration of 68 mg/kg.

Building Material Core Samples

ARCADIS collected seven building material samples and one duplicate sample from various concrete features in Building 21. Each of the core samples was analyzed for total PCBs. One of the core samples was also analyzed for RCRA hazardous waste determination and total concentration analyses. Results obtained from the laboratory analysis are presented in Table 10A and 10D.

PCBs were detected in two samples at concentrations of 0.18 mg/kg and 0.22 mg/kg.

Wipe Samples

ARCADIS collected 16 wipe samples of building material surfaces and the interior and exterior of tanks in Building 21. Wipe samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 10B.

PCBs were detected in two samples at concentrations of 1.1 ug/wipe (interior of Tank 9) and 23 ug/wipe (interior of Tank 10).

Paint

ARCADIS collected two paint samples from peeling paint in Building 21. Paint samples were analyzed for total PCBs, lead and cadmium. Results obtained from the laboratory analysis are presented in Table 10C.

One sample was analyzed for total PCBs. PCBs were detected at a concentration of 0.29 mg/kg.

One sample was analyzed for lead and cadmium. Lead was detected at a concentration of 82 mg/kg. Cadmium was not detected at a concentration above the detection limit.

5.3.10 The Outer Tanks

The Outer Tanks sample locations are presented on Figure 7.

Residual Sludge and Debris

ARCADIS collected one sample of black two phase liquid/sludge material from one of the Outer Tanks. The bulk debris sample was analyzed for total PCBs and RCRA 8 metals. Results obtained from the laboratory analysis are presented in Table 11A and 11C. PCBs were detected in the bulk sample at a concentration of 50 mg/kg.

Chromium and lead were detected at concentrations of 140 mg/kg and 250 mg/kg, respectively, indicating a potential to fail STLC and/or TCLP analyses.

Wipe Samples

ARCADIS collected one wipe sample each from the interior of the East and West Tanks. Wipe samples were analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 11B.

PCBs were detected in both samples at concentrations of 14 ug/wipe and 31 ug/wipe.

5.3.11 Pump House

Pump House sample locations are presented on Figure 7.

Equipment Oil

ARCADIS collected one oil sample from a pump motor in the Pump House. The oil sample was analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 12A.

PCBs were not detected in the oil sample at concentrations above the laboratory detection limits.

Residual Sludge and Debris

No residual sludge, debris or oil-containing equipment samples were collected from the Pump House.

Building Material Core Samples

ARCADIS collected two building material core samples from the concrete floors in the Pump House. Each of the core samples was analyzed for total PCBs. One of the core samples was also analyzed for RCRA hazardous waste determination and total concentration analyses. Results obtained from the laboratory analysis are presented in Table 12A and 12C.

PCBs were detected in both samples at concentrations of 0.14 mg/kg and 0.53 mg/kg.

Wipe Samples

ARCADIS collected one wipe sample of dust from the top of a water pipe in the Pump House. The wipe sample was analyzed for total PCBs. Results obtained from the laboratory analysis are presented in Table 12B.

PCBs were detected at a concentration of 1.7 ug/wipe.

Paint

No paint samples were collected from the Pump House.

5.4 Asbestos Survey Summary

This section summarized results of the asbestos survey performed by LFR on October 28, through 30, 2008. A copy of Building Material Survey Report (BMSR) is included as Appendix F. Please note that LFR in their report refers to Pump House as “Fire House”.

The following asbestos-containing materials (ACMs) (i.e., materials containing more than 1% of asbestos) and asbestos-containing construction materials (ACCMs) (i.e., materials containing between 0.1 and 1% of asbestos) were identified in buildings 1, 2, 4, 8, 9, 17, 18 and Pump House:

Location	Description	Approx. Quantity SF	LF	Notes
Building 1				
ACM				
Roof	Dark gray shingles	70,000		
1st Floor Offices	White 12"x12" VFT and mastic	1,500		The tile is ACCM, mastic is ACM
1st Floor Offices	Light brown 12"x12" VFT and mastic	800		
Restroom	Brown 9"x9" tile	1,120		The tile is ACM, mastic is ACCM
2nd Floor Offices	Green 9"x9" VFT (beneath carpet) & mastic	2,700		
Office Addition	Green 9"x9" VFT (beneath gray VFT) & mastic	1,500		The tile is ACCM, mastic is ACM
ACCM				
Roof	Gray shingles and black rolled roofing	70,000		
1st & 2nd Floor Offices	Painted texture and joint compound	17,000		
Building 2				
ACM				
Building Interior	Gray window caulk		5,000	
Office Addition	Gray 12'x12' VFT and mastic	120		
Office Addition	Tan 12'x12' VFT and mastic	180		
Office Addition	Brown coverbase mastic		250	
Northern Restroom	9" cement pipe		30	
Northern Restroom	Red 9"x9" VFT and mastic	500		The tile is ACM, mastic is ACCM
Building 4				
ACM				
Roof	Black penetration mastic	500		
Kitchen	Sink undercoating	4		
Building 8				
ACM				
Interior	White pipe insulation		100	Fair condition
Roof	Black rolled comp. shingle/mastic	1,800		
Building 9				
ACM				
Concrete pad	Beige 9"x9" VFT and mastic	900		Fair condition
ACCM				
Restroom	Sheet flooring: paper backing	150		Fair condition

Location	Description	Approx. Quantity SF	LF	Notes
Building 17				
ACCM				
Roof	Rolled comp; felt paper	50,000		
Building 18				
ACCM				
Office Area	Clear mastic	150		
Office Area	Brown 4" covebase and mastic		100	
Fire House Building				
ACM				
Building Exterior	Wall/Roof board and gray caulk	650		
	Total SF:	**219,574**		
	Total LF:		**5480**	

No ACMs or ACCMs were identified in Buildings 20 and 21.

For sampling methodology, analytical methods, regulatory overview and more detailed survey results refer to the BMSR (Appendix F).

6. Conclusions/Recommendations

6.1 Recommendations based on Historic Document Review and Visual Assessment

6.1.1 Pyranol Piping

The historical records describing the pyranol oil infrastructure removal at the site indicate that approximately 260 feet of former pyranol piping may still be present overhead in Building 1. As pyranol was a known source of PCBs, ARCADIS recommends that any remaining pyranol piping be removed and disposed of appropriately prior to building demolition.

6.1.2 Gravel-Filled Pits

During the historic record review, only one photograph and one sample result (sand blasting media) were available to address the prior status of the gravel-filled floor pits in Building 1. ARCADIS recommends additional samples of the pit construction material be collected and analyzed for PCBs and hazardous waste characteristics once the gravel is removed.

6.1.3 Loose/Separated Paint Chips

Large accumulations of loose/separated paint chips were observed on floor and other surfaces in Building 2. In addition, following a rain event in November 2008, approximately 2 to 4 inches of rainwater was observed by ARCADIS on the building floor. Most of the water disappeared from the building floor within approximately 2 – 3 days.

As indicated by the laboratory analyses, paint samples collected from Building 2 contained lead at concentrations ranging from 1,300 mg/kg to 20,000 mg/kg; and cadmium at concentrations ranging from 36 mg/kg to 64 mg/kg.

ARCADIS recommends removal of loose/separated paint chips from Building 2 to minimize a potential for human exposure and/or uncontrolled release of lead/cadmium into the environment.

6.2 Equipment Oil

PCBs were not detected at concentrations above the laboratory detection limits in any of the oil samples collected from the 2 cranes in Building 1, 11 cranes in Building 2, and the pump motor in Pump House. The corresponding laboratory detection limits were 5 ppm for samples collected from Building 1 and Pump House, and 5 ppb for samples collected from Building 2.

Based on the existing analytical results, management, handling and disposal of the equipment oil is not regulated under TSCA or under California hazardous waste regulations. However, if oil contains PCBs at concentrations greater than or equal to 2 ppm, it may be regulated for disposal and/or distribution in commerce under TSCA, depending on a source of PCBs in oil. As such, GE may consider additional sampling of equipment oil in Buildings 1 and Pump House to confirm that it does not contain PCB at concentration at or above 2 ppm. No further sampling of equipment oil is recommended for cranes located in Building 2.

If the oil-containing equipment is designated for demolition/removal and offsite disposal, non-PCB oil must be drained and managed under used oil regulations in accordance with 40 CFR 279, 22 CCR 66279, and California Health and Safety Code (HSC), Chapter 6.5, Article 13.

6.3 Residual Sludge and Debris

6.3.1 Floor Sumps

A total of four debris samples were collected from sumps located in Building 1 (two samples), Building 2 (one sample), and Building 21 (one sample). PCBs were detected in all the four samples at concentrations ranging from 1.8 to 1,003.5 ppm. The highest concentration of PCBs was detected in black-colored debris collected from Building 1 sump near column 12 (1,003.5 ppm), followed by dark brown debris collected from Building 21 sump near Tank 9 ((68 ppm). Debris collected from the remaining two sumps, one in Building 1 and one in Building 2, contained PCBs at concentrations of 1.8 ppm and 3.3 ppm, respectively.

Based on the existing analytical data, ARCADIS recommends removal and offsite disposal of debris accumulated in the two Building 1 and 21 sumps that contains PCBs at concentrations above 50 ppm. As a conservative measure, GE may consider removal and offsite disposal of debris from the remaining 2 sumps as well.

Additional investigation activities should be conducted to determine if inlet/outlet piping exist in the sump and the physical condition of the sump pit. Additional sampling should be conducted to determine if PCBs are present in piping and the sump structure.

No sufficient data was available to ARCADIS at this time to allow for providing additional recommendations for addressing other sumps and sub-grade building features. ARCADIS recommends conducting an additional investigation of subsurface building features to generate data pertaining to current condition of subsurface features (e.g., electric conduit/piping sumps inside and immediately adjacent to the buildings, drainage piping, below-grade conduits, foundations, etc.).

6.3.2 Residual Oil/Sludge in Outer Tank

PCBs were detected at concentration of 50 ppm in the two phase liquid/sludge sample collected from one of the outer tanks. Although, per the laboratory report, the sample results may be biased high, based on the existing analytical data, management, handling and disposal of the liquid/sludge contained in the outer tank is regulated under TSCA (40 CFR 761) and California hazardous waste regulations (22 CCR 66261).

In addition, the liquid/sludge sample contained chromium and lead at concentrations of 140 ppm and 250 ppm, respectively, indicating a possibility to fail STLC and/or TCLP hazardous waste toxicity characteristics for chromium and/or lead.

ARCADIS recommends additional analysis of the liquid/sludge sample for STLC and TCLP chromium and lead to determine if the liquid/sludge exhibits federal and/or California toxicity characteristic(s) due to these metals. In addition, ARCADIS recommends removal and offsite disposal of the liquid/sludge in accordance with federal and California regulations (a full extent of these regulations will be determined based on the additional STLC and TCLP analytical results), and cleaning tank interior prior to tank disposition, as required by TSCA regulations. Alternatively, the tank may be disposed of as a bulk remediation waste under TSCA, without additional cleaning.

6.4 PCB-Related Considerations

A total of 86 building material core samples, including five duplicate samples; 35 wipe samples, including 1 duplicate sample; and 16 paint chip samples were collected from the onsite buildings for total PCB analyses. The samples were collected from various building materials, including building floors, sumps/containment areas, walls, ceilings,

support wood beams and columns, glass, non-porous surfaces (glass, non-painted metal, etc.). A summary of the PCB-related findings and recommendations is presented below, on a building-by-building basis.

6.4.1 Building 1

PCBs were detected in 20 of the 23 building material core samples at concentrations ranging from 0.125 mg/kg to 460 mg/kg. The highest concentrations of PCBs were detected in samples collected from the concrete floor of train loading bay located in southwest end of the building (460 ppm); the concrete floor located in mid section of the building (one sample adjacent to the sump containing PCB-impacted debris) (49 ppm, 38 ppm and 28 ppm, respectively); and the painted brick wall in southwest portion of the building.

As summarized above, only one core sample contained PCBs at concentration above 50 ppm. The presence of PCBs at concentrations greater than or equal to 50 ppm indicates that the building materials would be regulated for disposal as a TSCA PCB waste. In addition, depending on the date and source of the PCB release, other PCB-impacted building materials may also be regulated as a PCB remediation waste for disposal purposes. Additional delineation sampling is required to refine the presence/absence, concentration and extent of PCBs in building materials.

PCBs were detected in one of the three wipe samples collected from Building 1 at a concentration of 16 ug/wipe. The presence of PCBs in wipe samples at concentrations exceeding 10 μg/ 100cm^2 indicate that the material should be either decontaminated to less than 10 μg/ 100cm^2 or managed for disposal as a TSCA-regulated waste.

PCBs were detected in each of the three paint chip samples collected from Building 1 at concentrations ranging from 17 mg/kg to 63.5 mg/kg. The presence of PCBs in paint at concentrations greater than or equal to 50 ppm indicates that the paint would be regulated as PCB bulk product waste for disposal purposes if PCBs were included in the paint formulation during manufacture. If PCBs are present in the paint as the result of a spill or release, the paint could be regulated as a PCB remediation waste for disposal purposes. Additional evaluation and/or sampling of painted surfaces are recommended to determine if the presence of PCBs in paint is due to spills and/or manufacture.

6.4.2 Building 2

PCBs were detected in 15 of the 19 building material core samples and in one duplicate sample at concentrations ranging from 0.051 mg/kg to 6.3 mg/kg. Only 5 samples, including one duplicate, all collected from the concrete floor of the building, contained PCBs at concentrations above 1 ppm. The highest concentration of PCBs was detected in the duplicate sample collected from the concrete floor (PCB concentration in the corresponding core sample was 1.8 ppm).

Based on the existing analytical data, PCBs are present in building materials and there is a potential to be regulated for disposal. Depending on the date and source of the PCB release, the building materials could be regulated as a PCB remediation waste for disposal purposes. Additional delineation sampling is required to refine the extent of PCBs in building materials.

PCBs were detected in two of the three wipe samples collected from Building 2 surfaces at concentrations of 3.3 ug/wipe and 7.6 ug/wipe. No additional sampling is recommended at this time.

PCBs were detected in each of the four paint chip samples collected from Building 2 at concentrations ranging from 3.4 mg/kg to 280 mg/kg. The presence of PCBs in paint at concentrations greater than or equal to 50 ppm indicates that the paint would be regulated as PCB bulk product waste for disposal purposes if PCBs were included in the paint formulation during manufacture. If PCBs are present in the paint as the result of a spill or release, the paint could be regulated as a PCB remediation waste for disposal purposes. Additional evaluation and/or sampling of painted surfaces are recommended to determine if the presence of PCBs in paint is due to spills and/or manufacture.

6.4.3 Building 4

PCBs were detected in three of the eight building material core samples at concentrations ranging from 0.069 mg/kg to 0.410 mg/kg. No additional sampling is recommended.

PCBs were detected in one of the three wipe samples at a concentration of 3.1 ug/wipe. No additional sampling is recommended.

PCBs were detected in two of the three paint chip samples at concentrations of 34.2 mg/kg and 38.3 mg/kg. If PCBs are present in the paint as the result of a spill or release, the paint could be regulated as a PCB remediation waste for disposal purposes. Additional evaluation and/or sampling of painted surfaces are recommended to determine if the presence of PCBs in paint is due to spills and/or manufacture.

6.4.4 Building 8

PCBs were detected in three of the 7 building material samples at concentrations ranging from 0.053 mg/kg to 2.494 mg/kg. The concentrations indicate that PCBs are present in building materials and there is a potential to be regulated for disposal. Depending on the date and source of the PCB release, the building materials could be regulated as a PCB remediation waste for disposal purposes. Additional delineation sampling is required to refine the extent of PCBs in building materials.

PCBs were not detected at concentrations above detection levels in one wipe sample collected from Building 8 metal ceiling vent. No additional wipe sampling is recommended.

PCBs were detected in the one paint chip sample collected from Building 8 at a concentration of 98 mg/kg. The presence of PCBs in paint at concentrations greater than or equal to 50 ppm indicates that the paint would be regulated as PCB bulk product waste for disposal purposes if PCBs were included in the paint formulation during manufacture. If PCBs are present in the paint as the result of a spill or release, the paint could be regulated as a PCB remediation waste for disposal purposes. Additional evaluation and/or sampling of painted surfaces are recommended to determine if the presence of PCBs in paint is due to spills and/or manufacture.

6.4.5 Building 9

PCBs were not detected in the railroad tie wood sample at a concentration above the detection limit. No additional sampling is recommended.

PCBs were not detected at a concentration above the detection limit in the one paint sample collected in Building 9. No wipe samples were collected in Building 9.

6.4.6 Building 17

PCBs were detected in one of the seven core samples at a concentration of 0.052 mg/kg. No additional sampling is recommended.

PCBs were not detected at concentrations above detection levels in any of the three wipe samples collected from Building 17. No additional sampling is recommended.

PCBs were detected in the one paint chip sample collected from Building 17 at a concentration of 2 mg/kg. If PCBs are present in the paint as the result of a spill or release, the paint could be regulated as a PCB remediation waste for disposal purposes. Additional evaluation and/or sampling of painted surfaces are recommended to determine if the presence of PCBs in paint is due to spills and/or manufacture.

6.4.7 Building 18

PCBs were detected in each of the four building material samples collected in Building 18 at concentrations ranging from 0.120 mg/kg to 0.590 mg/kg. No additional sampling is recommended.

ARCADIS collected one wipe samples and one duplicate sample of building material surfaces in Building 18. PCBs were detected in both the sample and the duplicate at concentrations of 14 ug/wipe and 22 ug/wipe, respectively. The presence of PCBs in wipe samples at concentrations exceeding 10 μg/ 100cm^2 indicate that the material should be either decontaminated to less than 10 μg/ 100cm^2 or managed for disposal as a TSCA-regulated waste.

PCBs were detected in the one paint chip sample collected from the Building 18 sliding door at a concentration of 5.3 mg/kg. If PCBs are present in the paint as the result of a spill or release, the paint could be regulated as a PCB remediation waste for disposal purposes. Additional evaluation and/or sampling of painted surfaces are recommended to determine if the presence of PCBs in paint is due to spills and/or manufacture.

6.4.8 Building 20

PCBs were detected in two of the three concrete floor samples at concentrations of 0.21 mg/kg and 1.03 mg/kg. The concentrations indicate that PCBs are present in building materials and there is a potential to be regulated for disposal. Depending on the date and source of the PCB release, the building materials could be regulated as a

PCB remediation waste for disposal purposes. Additional delineation sampling is required to refine the extent of PCBs in building materials.

PCBs were detected in one of the two wipe samples collected from Building 20 and corresponding duplicate at concentrations of 7 ug/wipe and 3.5 ug/wipe, respectively. No additional sampling is recommended. No paint chip samples for PCB analyses were collected in Building 20.

6.4.9 Building 21

PCBs were detected in two of the 7 core and one duplicate samples collected from Building 21 at concentrations of 0.18 mg/kg and 0.22 mg/kg. No additional sampling is recommended.

PCBs were detected in two of the 16 wipe samples collected from Building 21 tanks and building material surfaces at concentrations of 1.1 ug/wipe (interior of Tank 9) and 23 ug/wipe (interior of Tank 10). The presence of PCBs in wipe samples at concentrations exceeding 10 μg/ 100cm^2 indicate that the material should be either decontaminated to less than 10 μg/ 100cm^2 or managed for disposal as a TSCA-regulated waste. However, due to the access limitations, the wipe samples collected from the tank interiors did not comply with TSCA requirements (i.e., sampled surface area was not as required by TSCA). As such, further evaluation of the tank 9 and 10 interiors is needed to determine if the PCBs area present on tank surfaces at regulated concentrations. Alternatively, GE may chose to assume that PCBs are present on the tank interior surfaces at regulated concentrations and act accordingly.

PCBs were detected in the one paint chip sample collected from Building 21 at a concentration of 0.29 mg/kg. No additional sampling is recommended.

6.4.10 Pump House

PCBs were detected in two concrete floor samples collected from Pump House at concentrations of 0.14 mg/kg and 0.53 mg/kg. No additional sampling is recommended.

PCBs were detected in the one wipe sample collected from Pump House at a concentration of 1.7 ug/wipe. No additional sampling is recommended. No paint chip samples were collected from Pump House.

6.5 Hazardous Waste Determination

6.5.1 Building 1

Two samples, both collected from the painted brick walls in the office area, contained lead at concentrations indicating a potential to fail STLC California hazardous waste analysis (86 and 120 mg/kg, respectively). In addition, one of the two samples contained lead at concentration indicating a potential to fail federal TCLP hazardous waste analyses. If GE elects to demolish the building, additional analyses of these two samples are recommended to determine if the brick walls in the office area exhibit RCRA and/or California hazardous waste characteristic due to lead toxicity.

6.5.2 Building 2

Although several metals, VOCs and SVOCs were detected at low concentrations in the samples collected from Building 2, none of these samples exhibited any of the hazardous waste characteristics or potential to fail hazardous waste determination analyses. Nor further sampling is recommended at this time.

6.5.3 Building 4

Although several metals and one VOC were detected at low concentrations in the samples collected from Building 4, none of these samples exhibited any of the hazardous waste characteristics or potential to fail hazardous waste determination analyses. No further sampling is recommended at this time.

6.5.4 Building 8

The sample of dust/debris (white sand blasting media) collected from the building floor contained chromium at concentration indicating a potential to fail federal TCLP hazardous waste analysis (150 mg/kg). In addition, this sample contained lead at concentration indicating a potential to fail California STLC hazardous waste analyses (81 mg/kg). ARCADIS recommends conducting additional analyses of the sampled material to determine if the white sand blasting media exhibits federal and/or California hazardous waste toxicity characteristic(s) due to chromium and/or lead. GE may consider removal and offsite disposal of the blasting media as a separate waste stream in accordance with federal and California regulations (a full extent of these regulations will be determined based on the additional STLC and TCLP analytical results) prior to building demolition.

6.5.5 Building 9

Although several metals, VOCs and SVOCs were detected at low concentrations in the railroad tie wood sample collected from Building 2, the sample did not exhibit any of the hazardous waste characteristics or potential to fail hazardous waste determination analyses. No further sampling is recommended at this time.

6.5.6 Building 17

Pentachlorophenol was detected in a sample of a wood support in Building 17 at a concentration of 4,500 mg/kg. This concentration exceeds the California hazardous waste TTLC indicating that this waste stream would be a California hazardous waste.

6.5.7 Building 18

Although several metals were detected at low concentrations in the concrete floor sample collected from Building 18, the sample did not exhibit any of the hazardous waste characteristics or potential to fail hazardous waste determination analyses. No further sampling is recommended at this time.

6.5.8 Building 20

Although several metals were detected at low concentrations in the concrete floor samples collected from Building 20, the samples did not exhibit any of the hazardous waste characteristics or potential to fail hazardous waste determination analyses. No further sampling is recommended at this time.

6.5.9 Building 21

Although several metals, VOCs and one SVOC were detected at low concentrations in the samples collected from Building 20, the samples did not exhibit any of the hazardous waste characteristics or potential to fail hazardous waste determination analyses. No further sampling is recommended at this time.

6.5.10 Pump House

Although several metals and one VOC were detected at low concentrations in the samples collected from Pump House, the samples did not exhibit any of the hazardous

waste characteristics or potential to fail hazardous waste determination analyses. No further sampling is recommended at this time.

6.6 Lead and Cadmium in Paint

Lead was detected in all 16 paint chip samples collected from the site buildings at concentrations ranging from 38 ppm to 20,000 ppm, with 11 of these samples containing lead at concentration greater than 600 ppm (samples collected from Buildings 1, 2, 4, 8, 9, 17 and 20); and cadmium was detected at concentrations above the laboratory detection limits in 8 of the 16 paint chip samples (Buildings Buildings 1, 2 and 8).

Based on the analytical results, if demolition or renovation is conducted in Buildings 1, 2, 4, 8, 9, 17 and/or 20, the worker protection provisions in Title 29 CFR 1926.62 and/or 1926.1127 would apply.

Some of the lead and chromium concentrations exceed the TTLC indicating that this waste stream, if removed and disposed of as separately, would be classified as a California hazardous waste. In addition, based on total concentrations of lead and/or cadmium, selected paints, if removed and handled separately, have a potential to fail federal TCLP and/or California STLC hazardous waste determination analyses. ARCADIS recommends additional analyses for selected paints to determine if they exhibit hazardous waste characteristic(s) due to lead and/or cadmium, if these paints are removed and handled as a separate waste stream. Alternatively, GE may assume that removed/collected paint exhibits RCRA hazardous waste toxicity characteristics due to lead and cadmium, and handle these materials accordingly. The alternative approach would eliminate the need for additional paint sampling and analyses.

6.7 Asbestos

Asbestos-related conclusions and recommendations are presented in BMSR, included in Appendix F. For convenience, these conclusions and recommendations are also summarized in this section.

ACMs were identified at six of the ten onsite building: Buildings 1, 2, 4, 8, 9 and Pump Hose (referred to as “Fire House Building” in Appendix F); and ACCMs were identified at 4 of the ten buildings: Buildings 1, 9, 17 and 18. Based on the above, ACMs and/or ACCMs were not identified in two buildings: Buildings 20 and 21.

Main categories of ACMs and ACCMs identified at the buildings include roofing materials, VFT and associated mastic, and window caulk.

Recommendations for addressing the ACMs and ACCMs include the following:

- Collect additional samples of window glazing and VFT mastic from Building 1 and submit the samples for 1,000 point counting and transmission electron microscope (TEM) analyses, respectively. The additional sampling is being recommended to verify that these materials do not contain asbestos at regulated concentrations.

- Prior to initiating any demolition, renovation or other activities that could disturb these materials, all ACMs and ACCMs should be abated from the buildings. The abatement activities should be conducted by a California-licensed abatement contractor, and the abatement work should be performed under the oversight of a CalOSHA Certified Asbestos Consultant.

- If removed, non-asbestos VFT associated with asbestos-containing mastic should be treated as asbestos-containing and managed accordingly, unless complete removal of mastic from the VFT can be accomplished during abatement.

6.8 All Buildings

Based on visual review of the facility buildings, buildings should be made weatherproof if buildings will remain in place for an extended period of time to prevent rain/surface water entering the building and potentially migrating outside the building and offsite.

Tables

Table 1

Phase 1 Pre-Demolition Building Assessment Report
Summary of Tank Survey

General Electric Company
East 14th Street Facility
Oakland, California

Location	Tank Number	Tank Capacity or Exterior Dimensions	Former Tank Contents (as marked on exterior)	Current Tank Contents	Visible Condition of Tank Interior
Building 21	3	~10,000 gallons (9'1" diameter x 22' length)	Not Marked	None	Clean with rust (red and black)
Building 21	4	~5,000 gallons (7'7" diameter x 16' length)	Not Marked	None	Clean with rust (red and black)
Building 21	5	~5,000 gallons (7'7" diameter x 16'1" length)	Not Marked	None	Clean with rust (red and black)
Building 21	6	~5,000 gallons (7'7" diameter x 16'1" length)	Not Marked	None	Clean with rust (red and black)
Building 21	7	~5,000 gallons (7'7" diameter x 16'1" length)	Not Marked	None	Clean with rust (red and black)
Building 21	8	~10,000 gallons (9'1" diameter x 21'11" length)	Not Marked	None	Clean with rust (red and black)
Building 21	9	~10,000 gallons (9'35" diameter x 20'9" length)	Not Marked	None	Clean with rust (red and black)
Building 21	10	~10,000 gallons (9'35" diameter x 20'9" length)	Not Marked	None	Clean with rust (red and black)
Building 21	11	~10,000 gallons (9'1" diameter x 22' length)	Not Marked	None	Clean with rust (red and black)
Building 21	14	~1000 gallons (4' diameter x 11' length)	Not Marked	None	Yellow staining, rust
PHT	-	~100 gallons (2' diameter x 4' length)	Not Marked	~5" of product resembling gasoline	Interior of tank could not be observed due to small access opening
Exterior Tanks	Exterior 1	~5,000 gallons (6' diameter x 27')	Not Marked	<1% black oil and sludge	Sidewalls are rusted
Exterior Tanks	Exterior 2	~5,000 gallons (6' diameter x 27')	Not Marked	None	Clean but heavily rusted

Notes:
1. ' = feet
2. " = inches
3. < = less than

Table 2A
Phase I Pre-Demolition Building Assessment Report
Building 1 - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Debris						
1BH-SMP-B-008	11/4/2008	Gray sandy dirt with moisture clumps. Covered 1' dia. floor sump. North end.	30	1260	1.8	-
1BH-SMP-B-009	11/4/2008	Soil, black colored debris. Rectangular floor sump near Column 12.	12	1260	1003.5	A-01, RL1
Building Materials						
1BH-WC-CP-012	11/7/2008	Painted wood ceiling of middle high bay.	1.5	NA	ND(0.68)	RL1
1BH-WC-CHWP-013	11/7/2008	Painted wood ceiling high bay and wood support beam.	1.5	1260	0.87	RL1
1BH-WC-CP-014	11/7/2008	Painted wood ceiling east end high bay.	1.5	1260	0.75	RL1
1BH-WW-CP-015	11/11/2008	Painted wood plank wall. West end.	2	NA	ND(0.15)	RL1
1BH-CF-CP-016	11/11/2008	Concrete floor. Train loading bay. West end.	6-8	1242, 1260	460	A-01
1BH-BW-CP-017	11/11/2008	Painted brick wall. Southwest.	3-4	1248, 1260	47.1	A-01
1BH-CF-CP-018	11/11/2008	Concrete floor. West-central. Black oil-like stain under jib crane.	6-8	1260	19	-
1BH-CF-CHWP-019	11/11/2008	Concrete floor. 1/4" sealant layer present.	6-8	1260	0.56	-
1BH-BW-CHWP-020	11/11/2008	Painted brick wall. South central. Newer brick used to replace window.	3-4	1260	0.65	-
1BH-CF-CP-021	11/11/2008	Concrete floor in fenced area. North-central. Dark staining.	6-8	1260	38	-
1BH-CF-CP-022	11/11/2008	Concrete floor in containment near tank saddles. North-central. Very dark staining.	6-8	1242, 1254, 1260	49	A-01
1BH-BW-CP-023	11/11/2008	Painted brick wall. South central. Black scuff stain.	3-4	1260	3.1	-
1BH-CF-CHWP-024	11/11/2008	Concrete floor. East central. Thin slab. 1/8" thick sealant.	2	1260	28	-
1BH-BW-CHWP-025	11/11/2008	Painted brick wall. Northeast.	3-4	1260	0.37	-
1BH-CF-CP-026	11/11/2008	Concrete floor near sump. Northeast.	6-8	1260	0.24	-
1BH-CF-CP-027	11/11/2008	Concrete floor. Southeast.	6-8	1260	0.38	-
1BH-BW-CP-028	11/11/2008	Painted brick wall. High bay/office dividing wall.	3-4	1260	0.29	-
1B1-BW-CHWP-029	11/12/2008	Painted brick wall. Office building. South end. Double layer of brick.	6-8	1260	0.31	A-01
1B1-BW-CP-031	11/12/2008	Painted brick wall. Stairwell hallway.	6-8	1254, 1260	0.125	A-01
1B2-BW-CHWP-032	11/12/2008	Painted brick wall. Second story north.	6-8	1254, 1260	0.191	A-01
1B2-WF-CHWP-033	11/17/2008	Wood floor where tile missing. Second story hallway. Black stain.	6	1260	1.1	-
1BH-WW-CP-035	11/17/2008	Painted wood wall of middle high bay near ceiling.	6	NA	ND(0.15)	RL1
1BH-BW-CP-038	11/18/2008	Painted brick wall. Northwest.	5-6	1260	0.2	-
Equipment Oil						
1BH-CR-B-036	11/17/2008	Oil from 15,000 lb. bridge crane spanning middle high bay.	NA	NA	ND(5)	C-7
1BH-CR-B-036DUP	11/17/2008	Duplicate of 1BH-CR-B-036	NA	NA	ND(5)	C-7
1BH-CR-B-037	11/17/2008	Oil from 2,000 lb. bridge crane. North high bay.	NA	NA	ND(5)	-

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. A-01 = Sample result might be biased high due to coelution of Aroclors.
5. RL1 = Reporting limit raised due to sample matrix effects.
6. C-7 = Calibration verification recovery was below the method control limit.
7. DUP = Duplicate sample
8. in = inches
9. mg/kg = milligrams per kilogram
10. NA = Not Applicable

Table 2B

Phase I Pre-Demolition Building Assessment Report
Building 1 - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
Building Materials				
1BH-BW-WP-005	11/4/2008	Painted brick wall, south, brown drips present.	NA	ND(0.001)
1BH-HV-WP-006	11/4/2008	Metal surface of wall-mounted vent. Southeast. Very dusty.	1260	0.016
1BH-GW-WP-007	11/4/2008	Glass window. Office area hallway.	NA	ND(0.001)

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. mg/wipe = milligrams per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)
5. NA = Not Applicable

Table 2C

Phase I Pre-Demolition Building Assessment Report
Building 1 - Paint Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Color	Aroclor(s) Detected	Total PCBs (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)
1BH-BW-PLC-001	11/4/2008	Peeling paint from interior brick wall. South.	White/aqua	NA	NA	38	1
1BH-SS-PP-002	11/4/2008	Peeling paint from structural steel beam, metal wall, control box.	Aqua/orange	1260	47	NA	NA
1B1-BW-PLC-003	11/4/2008	Peeling paint from brick wall and wood door frame.	Cream	NA	NA	2700	36
1B1-SS-PP-004	11/4/2008	Peeling paint from structural steel column. Office area.	Cream	1248, 1260	63.5 A-01	NA	NA
1BH-WC-PLC-010	11/5/2008	Peeling paint, wood ceiling. North.	White	NA	NA	100	0.72
1BH-SS-PP-011	11/5/2008	Peeling paint from metal steel beam and pipe at ceiling.	White	1260	17	NA	NA

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082, and lead and cadmium using USEPA SW-846 Method 601
3. A-01 = Sample result might be biased high due to coelution of Aroclors.
4. NA = Not analyzed
5. mg/kg = milligram per kilogram (parts per million)

Value exceeds criteria. For lead results greater than 600 ppm (roughly equivalent to mg/kg), worker protection provisions in Title 29 of the Code of Federal Regulations (CFR) 1926.62 would apply. For cadmium results greater than 0 ppm, worker protection provisions of Title 29 CFR 1926.1127 would apply.

Table 2D

Phase I Pre-Demolition Building Assessment Report
Building 1 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID		Criteria		1BH-WC-CHWP-013	1BH-CF-CHWP-019	1BH-BW-CHWP-020	1BH-CF-CHWP-024	1BH-BW-CHWP-025	1B1-BW-CHWP-029	1B2-BW-CHWP-032	1B2-WF-CHWP-033
Analytical Test	**Units**	**RCRA Toxicity Limits**	**CA Regulatory Limits**								
TCLP Metals			CA Toxicity Limits								
Barium	mg/L	100	100	ND	0.34	0.70	0.42	0.46	0.30	0.47	ND
Total Metals			10xSTLC/TTLC for mg/kg								
Mercury	mg/kg	NA	2/20	ND	0.026	0.046	0.069	ND	0.34	0.030	ND
Arsenic	mg/kg	NA	50/500	ND	4.2	7.3	4.1	2.3	2.9	2.3	ND
Barium	mg/kg	NA	1,000/10,000	740	100	570	100	200	290	460	7.2
Cadmium	mg/kg	NA	10/100	0.74	ND	ND	0.70	ND	0.76	ND	ND
Chromium	mg/kg	NA	50/500	ND	37	25	44	24	36	18	ND
Cobalt	mg/kg	NA	800/8,000	ND	6.5	3.5	9.2	3.5	3.2	2.6	ND
Copper	mg/kg	NA	250/2500	ND	25	12	86	6.1	6.0	4.2	ND
Lead	mg/kg	NA	50/1000	17	4.8	43	14	49	86	120	ND
Nickel	mg/kg	NA	200/2,000	2.8	31	16	47	15	17	10	ND
Silver	mg/kg	NA	50/500	ND	ND	ND	1.8	ND	ND	ND	ND
Vanadium	mg/kg	NA	24/2400	ND	30	31	33	18	21	14	ND
Zinc	mg/kg	NA	250/5000	380	41	270	59	130	180	330	ND
TCLP VOCs			CA Toxicity Limits								
p-Isopropyltoluene	mg/L	NS	NS	0.025	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	mg/L	NS	NS	ND	0.030	ND	ND	ND	ND	ND	ND
Trichloroethene	mg/L	0.5	0.5	ND	0.27	ND	ND	ND	ND	ND	ND
Total VOCs			10xSTLC/TTLC for mg/kg								
p-Isopropyltoluene	mg/kg	NA	NS	13 A-01, RL1	ND	ND	ND	ND	ND	ND	7.6
Naphthalene	mg/kg	NA	NS	1.3 A-01, RL1	ND	ND	ND	ND	ND	ND	1.6
n-Propylbenzene	mg/kg	NA	NS	0.52 A-01, RL1	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	mg/kg	NA	NS	1.4 A-01, RL1	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	mg/kg	NA	NS	0.73 A-01, RL1	ND	ND	0.25	ND	ND	ND	ND
1,3,5-Trimethylbenzene	mg/kg	NA	NS	ND	ND	ND	0.11	ND	ND	ND	ND
m,p-Xylenes	mg/kg	NA	NS	2.1 A-01, RL1	4	ND	1	ND	ND	ND	ND
o-Xylene	mg/kg	NA	NS	0.69 A-01, RL1	11	ND	0.68	ND	ND	ND	ND
1,1-Dichloroethene	mg/kg	NA	NS	ND	2	ND	ND	ND	ND	ND	ND
Ethylbenzene	mg/kg	NA	NS	ND	1	ND	0.19	ND	ND	ND	ND
Toluene	mg/kg	NA	NS	ND	0.96	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	mg/kg	NA	NS	ND	40	ND	ND	ND	ND	ND	ND
Trichloroethene	mg/kg	NA	2,040/2,040	ND	63	ND	ND	ND	ND	ND	ND
TCLP SVOCs			CA Toxicity Limits								
4-Methylphenol	mg/L	200	200	2.1	ND	ND	ND	ND	ND	ND	0.83 T5
Benzyl alcohol	mg/L	NS	NS	ND	1.5 M1	ND	ND	ND	ND	ND	ND
Total SVOCs			10xSTLC/TTLC for mg/kg								
4-Methylphenol	mg/kg	NA	NS	51	ND	ND	ND	ND	ND	ND	15
Benzyl alcohol	mg/kg	NA	NS	ND	54	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	mg/kg	NA	NS	ND	ND	ND	ND	ND	0.54	0.58	ND
Di-n-butyl phthalate	mg/kg	NA	NS	ND	ND	ND	ND	ND	ND	0.62	ND
Ignitability, Corrosivity											
Ignitability	SU	NS	<140^{0}F	ND	ND	ND	ND	ND	ND	ND	ND
pH	pH units	NS	<2 or >12.5	3.27	12.2	10.5	9.49	10.7	11.4	12.0	4.27 HFT

Notes:
1. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for:
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 8260
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 6010
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND = Constituent not detected at a concentration above the reported detection limit.
3. A-01 = Sample result might be biased high due to coelution of Aroclors.
4. RL1 = Reporting limit raised due to sample matrix effects.
5. T5 = Less than the prescribed sample amount was available to perform the leachate extraction. The volume of extraction fluid was adjusted proportionately based on the method prescribed ratio of extraction fluid to sample weight.
6. M1 = The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
7. HFT = The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
8. TCLP = Toxicity Characteristic Leaching Procedure
9. SU = Standard units
10. NS = No Standard
11. VOCs = Volatile organic compounds
12. SVOCs = Semi-volatile organic compounds
13. mg/kg = milligram per kilogram (parts per million)
14. mg/L = milligram per liter
15. NA = Not Applicable.
16. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
17. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristis of TCLP toxicity.
18. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
19. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
20. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.

= indicates potential to fail STLC

Table 3A

Phase I Pre-Demolition Building Assessment Report
Building 2 - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Building Materials						
B2-WC-CP-010	11/7/2008	Painted wood ceiling.	2	NA	ND(0.61)	RL1
B2-WC-CP-011	11/7/2008	Painted wood ceiling. Center of building.	2	NA	ND(0.62)	RL1
B2-WC-CHWP-012	11/7/2008	Painted wood ceiling. East end of building.	2	NA	ND(0.68)	RL1
B2-SW-CP-013	11/7/2008	Sheetrock wall. North office building. Black mold.	NA	NA	ND(0.15)	RL1
B2-BW-CHWP-014	11/12/2008	Painted brick wall. East. Double layer of brick.	6-8	1260	0.17	-
B2-BW-CP-015	11/12/2008	Painted brick wall. Southeast.	6	1260	0.32	-
B2-CF-CP-016	11/12/2008	Concrete floor. Containment area. East end. Dark staining and paint chips.	6-8	1260	4.1	-
B2-BW-CP-017	11/12/2008	Painted brick wall. Northeast.	6	1260	0.19	-
B2-CF-CHWP-018	11/12/2008	Concrete floor. Central location. Light staining.	6-8	1260	2.1	-
B2-CF-CP-019	11/13/2008	Concrete floor. Central location. Black oily staining, paint chips.	6-8	1260	1.8	-
B2-CF-CP-019 DUP	11/13/2008	Duplicate of B2-CF-CP-019	6-8	1260	6.3	-
B2-BW-CHWP-020	11/13/2008	Painted brick wall. South central. Double layer of brick.	6	1260	0.12	-
B2-BW-CP-021	11/13/2008	Painted brick wall. South central. Near jib crane.	4	1260	0.2	-
B2-CF-CP-022	11/13/2008	Concrete floor. Center of building. Fresh oil stain under jib crane.	6-8	1260	1.9	-
B2-CF-CP-023	11/13/2008	Concrete floor. West central. Old liquid-like stain.	6-8	1260	0.087	-
B2-CF-CP-024	11/13/2008	Concrete floor. Sunken area. West central. Light darkness liquid-like staining.	6-8	1260	0.051	-
B2-BW-CP-025	11/13/2008	Painted brick wall. Northwest. Double layer of brick.	6	1260	0.24	-
B2-CF-CHWP-026	11/13/2008	Painted brick wall. West central.	6	1260	0.063	-
B2-BW-CP-027	11/13/2008	Concrete floor. West end. Paint chips present.	6-8	1260	0.12	-
B2-CF-CP-028	11/13/2008	Concrete floor. Southeast. Water's edge to sump. Paint chips present.	6-8	1260	0.39	-
Debris						
B2-SMP-B-029	11/13/2008	Wet rust chips, paint chips, black dirt/bio debris from sump. Sump filled with water.	15	1260	3.3	-
Equipment Oil						
B2-CR-B-030	11/18/2008	Oil from 4 ton bridge crane No. 1. Southeast.	NA	NA	ND(0.005)	C-7
B2-CR-B-031	11/18/2008	Oil from 0.5 ton jib crane. Southeast.	NA	NA	ND(0.005)	C-7
B2-CR-B-032	11/18/2008	Oil from 3 ton bridge crane No. 2. South central.	NA	NA	ND(0.005)	C-7
B2-CR-B-034	11/18/2008	Oil from 4 ton bridge crane No. 4. Center.	NA	NA	ND(0.005)	C-7
B2-CR-B-035	11/18/2008	Oil from 3 ton bridge crane No. 5. Center.	NA	NA	ND(0.005)	C-7
B2-CR-B-036	11/18/2008	Oil from 2 ton crane No. 3. Southwest.	NA	NA	ND(0.005)	C-7
B2-CR-B-037	11/18/2008	Oil from 1 ton bridge crane No. 6. West end.	NA	NA	ND(0.005)	C-7
B2-CR-B-038	11/18/2008	Oil from 0.5 ton bricge crane. Northwest.	NA	NA	ND(0.005)	C-7
B2-CR-B-039	11/18/2008	Oil from 2 ton bridge crane. No. 7. Northwest.	NA	NA	ND(0.005)	C-7
B2-CR-B-040	11/18/2008	Oil from 1 ton bridge crane No. 11. Northwest.	NA	NA	ND(0.005)	C-7
B2-CR-B-042	11/18/2008	Oil from 1 ton bridge crane. Northwest.	NA	NA	ND(0.005)	C-7

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. RL1 = Reporting limit raised due to sample matrix effects.
6. C-7 = Calibration verification recovery was below the method control limit.
6. DUP = Duplicate sample
7. in = inches
8. mg/kg = milligrams per kilogram
9. NA = Not Applicable
10. B2-WC-CHWP-012 was entered by the lab with the incorrect sample ID. The sample corresponds to B2-WC-CP-012.

Table 3B

Phase I Pre-Demolition Building Assessment Report
Building 2 - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
Building Materials				
B2-MD-WP-001	11/5/2008	Interior surface of metal rollup door. Dusty.	NA	ND(0.001)
B2-HV-WP-006	11/5/2008	Ceiling vent vertical metal surface. Central location.	1260	0.0033
B2-HV-WP-007	11/5/2008	Ceiling vent vertical metal surface. North location.	1260	0.0076

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. mg/wipe = milligrams per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)
5. NA = Not Applicable

Table 3C

Phase I Pre-Demolition Building Assessment Report
Building 2 - Paint Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Color	Aroclor(s) Detected	Total PCBs (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)
B2-BW-PLC-002	11/5/2008	Peeling paint interior brick wall. South end.	Brown and green.	NA	NA	19,000	40
B2-BW-PLC-002DUP	11/5/2008	Duplicate of B2-BW-PLC-002	Brown and green.	NA	NA	20,000	53
B2-SS-PP-003	11/5/2008	Vertical surface of steel I-beam.	Brown and light brown	1260	3.4	NA	NA
B2-SS-PP-003DUP	11/5/2008	Duplicate of B2-SS-PP-003	Brown and light brown	1260	33	NA	NA
B2-BW-PLC-004	11/5/2008	Peeling paint interior brick wall. Northwest.	Brown	NA	NA	10,000	64
B2-WC-PP-005	11/5/2008	Peeling paint from surface of wood beam. Northwest.	White	1260	280	NA	NA
B2-WC-PLC-008	11/5/2008	Peeling paint from wooden ceiling. East.	Off-white	NA	NA	1,300	36
B2-SS-PP-009	11/5/2008	Peeling paint from steel I-beam horizontal surface. East	Light brown	1248, 1254, 1260	62.1	NA	NA

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082, and lead and cadmium using USEPA SW-846 Method 601
3. NA = Not analyzed
4. mg/kg = milligram per kilogram (parts per million)

Value exceeds criteria. For lead results greater than 600 ppm (roughly equivalent to mg/kg), worker protection provisions in Title 29 of the Code of Federal Regulations (CFR) 1926.62 would apply. For cadmium results greater than 0 ppm, worker protection provisions of Title 29 CFR 1926.1127 would apply.

Table 3D

Phase I Pre-Demolition Building Assessment Report
Building 2 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID			**Criteria**	**B2-WC-CHWP-012**	**B2-BW-CHWP-014**	**B2-CF-CHWP-018**	**B2-BW-CHWP-020**	**B2-CF-CHWP-026**
Analytical Test	**Units**	**RCRA Toxicity Limit**	**CA Regulatory Limits**					
TCLP Metals			CA Toxicity Limits					
Barium	mg/L	100	100	ND	0.40	0.21	0.40	0.56
Total Metals			10xSTLC/TTLC for mg/kg					
Mercury	mg/kg	NA	2/20	ND	0.11	0.024	0.051	0.043
Arsenic	mg/kg	NA	50/500	ND	6.9	4.2	6.4	4.4
Barium	mg/kg	NA	1000/10,000	620	230	110 M2	140	150
Chromium	mg/kg	NA	50/500	ND	20	46	19	45
Cobalt	mg/kg	NA	800/8,000	ND	2.3	6.5 M2	1.8	7.6
Copper	mg/kg	NA	250/2500	ND	4.8	21	4.9	26
Lead	mg/kg	NA	50/1000	3.2	35	4.1 M2	16	6.9
Molybdenum	mg/kg	NA	3500/3500	ND	ND	ND	ND	2.0
Nickel	mg/kg	NA	200/2000	ND	12	39 M2	12	46
Vanadium	mg/kg	NA	240/2400	ND	15	33	17	34
Zinc	mg/kg	NA	2500/5000	180	82	30 M2	44	27
TCLP VOCs			CA Toxicity Limits					
p-Isopropyltoluene	mg/L	NS	NS	0.034	ND	ND	ND	ND
Total VOCs			10xSTLC/TTLC for mg/kg					
p-Isopropyltoluene	mg/kg	NA	NS	18 A-01, RL1	ND	ND	ND	ND
TCLP SVOCs			CA Toxicity Limits					
4-Methylphenol	mg/L	200	200	1.1 M-3	ND	ND	ND	ND
Total SVOCs			10xSTLC/TTLC for mg/kg					
4-Methylphenol	mg/kg	NA	NS	21	ND	ND	ND	ND
Isophorone	mg/kg	NA	NS	ND	ND	18 RL3	ND	ND
Ignitability, Corrosivity			CA Toxicity Limits					
Ignitability	SU	NS	<140^{0}F	ND	ND	ND	ND	ND
pH	pH units	NS	≤2 or ≥12.5	3.43	9.09	12.2 H-1	8.58 H-1	12.3 H-1

Notes:

1. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for:
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 8260
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 6010
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND = Constituent not detected at a concentration above the reported detection limit.
3. A-01 = Sample result might be biased high due to coelution of Aroclors.
4. RL1 = Reporting limit raised due to sample matrix effects.
5. M - 3 = Results exceeded the linear range in the MS/MSD and therefore are not available for reporting.
6. M2 = The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS)
7. RL3 = Reporting limit raised due to high concentrations of non-target analytes.
8. H - 1 = Sample analysis performed past the method-specified holding time per client's approval.
9. TCLP = Toxicity Characteristic Leaching Procedure
10. SU = Standard units
11. NS = No Standard
12. VOCs = Volatile organic compounds
13. SVOCs = Semi-volatile organic compounds
14. mg/kg = milligram per kilogram (parts per million)
15. mg/L = milligram per liter
16. NA = Not Applicable
17. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
18. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristis of TCLP toxicity.
19. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
20. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
21. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.

Table 4A

Phase I Pre-Demolition Building Assessment Report
Building 4 - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Building Materials						
B4-CF-CP-008	11/10/2008	Concrete floor. Southeast. Light color fading.	6	NA	ND(0.05)	
B4-CF-CHWP-009	11/10/2008	Concrete floor. East-central.	6	1260	0.41	R-1
B4-CF-CP-010	11/10/2008	Concrete floor. Northeast. White water-like stains.	6-7	NA	ND(0.05)	
B4-CF-CP-011	11/10/2008	Concrete floor. Northwest. Minor cracking.	6	1254, 1260	0.15	A-01
B4-CF-CHWP-012	11/10/2008	Concrete floor. West-central. Light color fading.	6	NA	ND(0.05)	
B4-CF-CP-013	11/10/2008	Concrete floor. Southwest. Light color fading.	6	1254	0.069	
B4-WW-CP-014	11/10/2008	Vertical surface of wood floor running board. South. Treated.	2.5	NA	ND(0.25)	RL1
B4-PW-CP-015	11/10/2008	Plywood under cargo racks. Northwest. Stained.	1	NA	ND(0.25)	RL1

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 808
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses
4. A-01 = Sample result might be biased high due to coelution of Aroclors.
5. RL1 = Reporting limit raised due to sample matrix effects.
6. R-1 = Relative percent difference between the primary and confirmatory analysis exceeded 40%. Higher value is reported
7. in = inches
8. mg/kg = milligrams per kilogram
9. NA = Not Applicable

Table 4B

Phase I Pre-Demolition Building Assessment Report
Building 4 - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
B4-EQ-WP-001	11/4/2008	Horizontal surface of orange cargo racks.	NA	ND(0.001)
B4-SP-WP-004	11/4/2008	Dusty horizontal surface of metal fire pipe.	1254, 1260	0.0031 A-01
B4-PG-WP-007	11/4/2008	Plexiglas window of office area.	NA	ND(0.001)

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. A-01 = Sample result might be biased high due to coelution of Aroclors.
5. mg/wipe = milligrams per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)
6. NA = Not Applicable

Table 4C

Phase I Pre-Demolition Building Assessment Report
Building 4 - Paint Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Color	Aroclor(s) Detected	Total PCBs (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)
B4-EQ-PLC-002	11/4/2008	Metal cargo racks in center of building.	Orange and green	NA	NA	3,600	ND(5.0) RL-1
B4-EQ-PP-003	11/4/2008	Metal cargo racks in center of building.	Orange and green	Aroclor 1248, 1254, 1260	34.2 A-01, RL-1	NA	NA
B4-SS-PLC-005	11/4/2008	Vertical surface of structural steel beams	Cream	NA	NA	14	ND(0.5)
B4-SS-PP-006	11/4/2008	Vertical surface of structural steel beams	Cream	Aroclor 1248, 1254, 1260	38.3 A-01, R-1	NA	NA
B4-MD-PLC-008	11/5/2008	Peeling paint exterior metal sliding door	White	NA	NA	830	ND(7.9)
B4-MD-PP-009	11/5/2008	Peeling paint exterior metal sliding door	White	NA	ND(0.36)	NA	NA

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082, and lead and cadmium using USEPA SW-846 Method 6010
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses
4. RL1 = Reporting limit raised due to sample matrix effects.
5. R-1 = Relative percent difference between the primary and confirmatory analysis exceeded 40%. Higher value is reported
6. NA = Not analyzed
7. mg/kg = milligram per kilogram (parts per million)

Value exceeds criteria. For lead results greater than 600 ppm (roughly equivalent to mg/kg), worker protection provisions in Title 29 of the Code of Federal Regulations (CFR) 1926.62 would apply. For cadmium results greater than 0 ppm, worker protection provisions of Title 29 CFR 1926.1127 would apply.

Table 4D

Phase I Pre-Demolition Building Assessment Report
Building 4 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID			**Criteria**	**B4-CF-CHWP-009**	**B4-CF-CHWP-012**
Analytical Test	**Units**	**RCRA Toxicity Limit**	**CA Regulatory Limits**		
TCLP Metals					
Barium	mg/L	100	100	0.43	0.46
Total Metals			10xSTLC/TTLC for mg/kg		
Mercury	mg/kg	NA	2/20	0.020	0.028
Arsenic	mg/kg	NA	50/500	2.5	4.1
Barium	mg/kg	NA	1000/10,000	79	100
Chromium	mg/kg	NA	50/500	19	30
Cobalt	mg/kg	NA	800/8,000	4.2	5.9
Copper	mg/kg	NA	250/2,500	23	29
Lead	mg/kg	NA	50/1,000	2.3	4.1
Nickel	mg/kg	NA	200/2,000	22	33
Vanadium	mg/kg	NA	240/2400	14	24
Zinc	mg/kg	NA	2500/5,000	38	49
Total SVOCs			10xSTLC/TTLC for mg/kg		
Isophorone	mg/kg	NA	NS	17 RL3	12 RL3
Ignitability, Corrosivity					
Ignitability	SU	NS	<140°F	ND	ND
pH	pH units	NS	≤2 or ≥12.5	12.2	12.2

see notes on Page 2.

Table 4D

Phase I Pre-Demolition Building Assessment Report
Building 4 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Notes:
1. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for:
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 8260
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 6010
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND = Constituent not detected at a concentration above the reported detection limit.
3. A-01 = Sample result might be biased high due to coelution of Aroclors.
4. RL1 = Reporting limit raised due to sample matrix effects.
5. T5 = Less than the prescribed sample amount was available to perform the leachate extraction. The volume of extraction fluid was adjusted proportionately based on the method prescribed ratio of extraction fluid to sample weight.
6. M1 = The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
7. HFT = The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
8. TCLP = Toxicity Characteristic Leaching Procedure
9. SU = Standard units
10. NS = No Standard
11. VOCs = Volatile organic compounds
12. SVOCs = Semi-volatile organic compounds
13. mg/kg = milligram per kilogram (parts per million)
14. mg/L = milligram per liter
15. NA = Not Applicable.
16. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
17. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristis of TCLP toxicity.
18. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
19. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
20. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.

Table 5A

Phase I Pre-Demolition Building Assessment Report
Building 8 - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Building Materials						
B8-WC-CHWP-005	11/6/2008	Wood support beam. Ceiling. Treated.	1.5	NA	ND(0.6)	RL1
B8-CF-CP-006	11/6/2008	Concrete floor. South room.	6	NA	ND(0.05)	-
B8-CF-CP-006 DUP	11/6/2008	Duplicate of B8-CF-CP-006	5	NA	ND(0.05)	-
B8-WW-CP-007	11/7/2008	Plywood separation wall. Treated and sandblasted.	0.5	NA	ND(0.5)	RL1
B8-CW-CP-008	11/12/2008	Concrete block wall. South. White powder.	3	1254, 1260	0.139	A-01
B8-CW-CHWP-009	11/12/2008	Concrete block wall. East.	6	1254, 1260	0.148	A-01
B8-CF-CHWP-010	11/12/2008	Concrete floor. North room. Sandblasting media.	6	1254	0.053	-
B8-CF-CHWP-010 DUP	11/12/2008	Duplicate of B8-CF-CHWP-010	6	1016, 1254	2.494	-
B8-SMP-CP-011	11/14/2008	Concrete trench leading to sump. North. Yellow staining on trench sides. Dust	6	1260	0.083	-

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. A-01 = Sample result might be biased high due to coelution of Aroclors.
5. RL1 = Reporting limit raised due to sample matrix effects.
6. DUP = Duplicate sample
7. in = inches
8. mg/kg = milligrams per kilogram
9. NA = Not Applicable

Table 5B

Phase I Pre-Demolition Building Assessment Report
Building 8 - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
B8-HV-WP-004	11/6/2008	Metal ceiling vent.	NA	ND(0.001)

Notes:
1. Sample was collected by ARCADIS on the date indicated.
2. Sample was analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. mg/wipe = milligrams per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)
5. NA = Not Applicable

Table 5C

Phase I Pre-Demolition Building Assessment Report
Building 8 - Paint Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Color	Aroclor(s) Detected	Total PCBs (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)
B08-DF-PP-001	11/3/2008	Peeling paint from metal door frame.	Cream	Aroclor 1254, 1260	98 A-01	NA	NA
B08-DF-PLC-002	11/3/2008	Peeling paint from metal door frame.	Cream	NA	NA	1,100	1.7

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082, and lead and cadmium using USEPA SW-846 M
3. A-01 = Sample result might be biased high due to coelution of Aroclors.
4. NA = Not analyzed
5. mg/kg = milligram per kilogram (parts per million)

Value exceeds criteria. For lead results greater than 600 ppm (roughly equivalent to mg/kg), worker protection provisions in Title 29 of the Code of Federal Regulations (CFR) 1926.62 would apply. For cadmium results greater than 0 ppm, worker protection provisions of Title 29 CFR 1926.1127 would apply.

Table 5D

Phase I Pre-Demolition Building Assessment Report
Building 8 - Bulk Sample Metals Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Metal	20X RCRA Toxicity Limit	10xSTLC/TTLC for mg/kg	Result (mg/kg)	Notes
B08-CW-B-003	11/4/2008	White sand blasting media. West.	Mercury	4	2/20	0.062	-
			Arsenic	100	50/500	6.2	-
			Barium	2000	1000/10,000	75	-
			Cadmium	20	10/100	1.5	-
			Chromium	100	50/500	**150**	-
			Lead	100	50/1000	**81**	-
			Selenium	20	10/100	ND(4.0)	RL1
			Silver	100	50/500	ND(2.0)	RL1

Notes:
1. Sample was collected by ARCADIS on the date indicated.
2. Sample was analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for metals using USEPA SW-846 Method 6010.
3. ND = Constituent not detected at a concentration above the reported detection limit.
4. mg/kg = milligram per kilogram (parts per million)
5. RL1 = Reporting limit raised due to sample matrix effects.
6. Bolded value indicates potential to fail STLC.

Value exceeds 20X RCRA toxicity limit.

Table 5E

Phase I Pre-Demolition Building Assessment Report
Building 8 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID			**Criteria**	**B8-WC-CHWP-005**	**B8-CW-CHWP-009**	**B8-CF-CHWP-010**	**B8-CF-CHWP-010 DUP**
Analytical Test	**Units**	**RCRA Toxicity Limit**	**CA Regulatory Limits**				
TCLP Metals			CA Toxicity Limit				
Barium	mg/L	100	100	ND	0.39	1.1	1.3
Chromium	mg/L	5	5	ND	ND	0.11	0.10
Total Metals			10xSTLC/TTLC for mg/kg				
Mercury	mg/kg	NA	2/20	ND	0.026	0.045	0.034
Arsenic	mg/kg	NA	50/500	ND	6.1	3.8	4.4
Barium	mg/kg	NA	1,000/10,000	5.5	160	230	340
Chromium	mg/kg	NA	50/500	ND	46	53	56
Cobalt	mg/kg	NA	800/8,000	ND	5.6	7.5	6.9
Copper	mg/kg	NA	250/2,500	ND	34	21	25
Lead	mg/kg	NA	50/1,000	ND	3.2	4.7	4.6
Nickel	mg/kg	NA	200/2,000	ND	37	47	43
Vanadium	mg/kg	NA	240/2,400	ND	33	48	55
Zinc	mg/kg	NA	2,500/5,000	ND	38	37	36
Total VOCs			10xSTLC/TTLC for mg/kg				
Ethylbenzene	mg/kg	NA	NS	ND	ND	0.37	0.22
p-Isopropyltoluene	mg/kg	NA	NS	3.2 RL1	ND	ND	ND
1,2,4-Trimethylbenzene	mg/kg	NA	NS	ND	ND	0.17	0.11
m,p-Xylenes	mg/kg	NA	NS	ND	ND	1.4	0.83
o-Xylene	mg/kg	NA	NS	ND	ND	0.24	0.14
TCLP SVOCs			CA Toxicity Limit				
4-Methylpheno	mg/L	200	200	1.2	ND	ND	ND
Phenol	mg/L	NS	NS	0.15	ND	0.31	0.10
Total SVOCs			10x				
Isophorone	mg/kg	NA	10xSTLC/TTLC for mg/kg	ND	ND	ND	10 RL3
4-Methylpheno	mg/kg	NA	NS	22	ND	ND	ND
Phenol	mg/kg	NA	NS	4.4	ND	ND	ND
Ignitability, Corrosivity							
Ignitability	SU	NS	<140°F	ND	ND	ND	ND
pH	pH units	NS	<2 or >12.5	3.69	12.1	12.1	12.2

see notes on Page 2.

Table 5E

Phase I Pre-Demolition Building Assessment Report
Building 8 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Notes:

1. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 826(
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 601(
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses
3. A-01 = Sample result might be biased high due to coelution of Aroclors
4. RL1 = Reporting limit raised due to sample matrix effects.
5. T5 = Less than the prescribed sample amount was available to perform the leachate extraction. The volume of extraction fluid was adjusted proportionately based on the method prescribed ratio of extraction fluid to sample weigl
6. M1 = The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS)
7. HFT = The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt
8. TCLP = Toxicity Characteristic Leaching Procedure
9. SU = Standard units
10. NS = No Standard
11. VOCs = Volatile organic compounds
12. SVOCs = Semi-volatile organic compounds
13. mg/kg = milligram per kilogram (parts per million)
14. NA = Not Applicable
15. mg/L = milligram per liter
16. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
17. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristis of TCLP toxicity.
18. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
19. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
20. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.

[redacted] = indicates potential to fail STLC

Table 6A

Phase I Pre-Demolition Building Assessment Report
Building 9 - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Building Material						
B9-WW-CHWP-003	11/10/2008	Railroad tie wood base. Treated. Creosote odor.	5	NA	ND(0.15)	RL1

Notes:
1. Sample was collected by ARCADIS on the date indicated.
2. Sample was analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. RL1 = Reporting limit raised due to sample matrix effects.
5. in = inches
6. mg/kg = micrograms per kilogram
7. NA = Not Applicable

Table 6B

Phase I Pre-Demolition Building Assessment Report
Building 9 - Paint Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Color	Aroclor(s) Detected	Total PCBs (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)
B9-MW-PLC-001	11/4/2008	Peeling paint from metal building exterior. South.	Cream	NA	NA	790	ND(15) RL1
B9-MW-PP-002	11/4/2008	Peeling paint from metal building exterior. South.	Cream	NA	ND(0.38) RL4	NA	NA

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082, and lead and cadmium using USEPA SW-846 Method 601C
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses
4. A-01 = Sample result might be biased high due to coelution of Aroclors.
5. RL1 = Reporting limit raised due to sample matrix effects.
6. RL4 = Reporting limit raised due to insufficient sample volume.
7. NA = Not analyzed
8. mg/kg = milligram per kilogram (parts per million)

Value exceeds criteria. For lead results greater than 600 ppm (roughly equivalent to mg/kg), worker protection provisions in Title 29 of the Code of Federal Regulations (CFR) 1926.62 would apply. For cadmium results greater than 0 ppm, worker protection provisions of Title 29 CFR 1926.1127 would apply.

Table 6C

Phase I Pre-Demolition Building Assessment Report
Building 9 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID				**B9-WW-CHWP-003**
Analytical Test	**Units**	**RCRA Toxicity Limit**	**CA Regulatory Limits**	
Total Metals			10XSTLC/TTLC for mg/kg	
Nickel	mg/kg	NA	200/2000	5.2
Vanadium	mg/kg	NA	240/2400	6.0
Zinc	mg/kg	NA	2500/5000	7.1
TCLP VOCs			CA Toxicity Limit	
Toluene	mg/L	NS	NS	0.033
1,2,4-Trimethylbenzene	mg/L	NS	NS	0.025
Total VOCs			10XSTLC/TTLC for mg/kg	
tert-Butylbenzene	mg/kg	NA	NS	2.1 A-01, RL1
sec-Butylbenzene	mg/kg	NA	NS	16 A-01, RL1
Ethylbenzene	mg/kg	NA	NS	0.61 A-01, RL1
Isopropylbenzene	mg/kg	NA	NS	2.1 A-01, RL1
n-Propylbenzene	mg/kg	NA	NS	2.9 A-01, RL1
Styrene	mg/kg	NA	NS	0.89 A-01, RL1
Toluene	mg/kg	NA	NS	3.1 A-01, RL1
1,2,4-Trimethylbenzene	mg/kg	NA	NS	40 A-01, RL1
o-Xylene	mg/kg	NA	NS	1.2 A-01, RL1
TCLP SVOCs			CA Toxicity Limit	
Acenaphthene	mg/L	NS	NS	0.42
2-Methylnaphthalene	mg/L	NS	NS	0.40
2-Methylphenol	mg/L	200	200	1.3
4-Methylphenol	mg/L	200	200	4.7
Naphthalene	mg/L	NS	NS	4.5
Phenol	mg/L	NS	NS	3.7
Total SVOCs			10XSTLC/TTLC for mg/kg	
Acenaphthene	mg/kg	NA	NS	1,400
Anthracene	mg/kg	NA	NS	820
Benzo(a)anthracene	mg/kg	NA	NS	260
Chrysene	mg/kg	NA	NS	290
2,4-Dimethylphenol	mg/kg	NA	NS	0.0012
Fluoranthene	mg/kg	NA	NS	1,900
Fluorene	mg/kg	NA	NS	990
2-Methylnaphthalene	mg/kg	NA	NS	780
Naphthalene	mg/kg	NA	NS	2,300
Phenanthrene	mg/kg	NA	NS	3,900
Pyrene	mg/kg	NA	NS	1,100
Ignitability, Corrosivity				
Ignitability	SU	NS	<140°F	ND
pH	pH units	NS	≤2 or ≥12.5	4.57

see notes on Page 2.

Table 6C

Phase I Pre-Demolition Building Assessment Report
Building 9 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Notes:

1. Sample was analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for:
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 8260
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 6010
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND = Constituent not detected at a concentration above the reported detection limit.
3. A-01 = Sample result might be biased high due to coelution of Aroclors.
4. RL1 = Reporting limit raised due to sample matrix effects.
5. CA = California.
6. TCLP = Toxicity Characteristic Leaching Procedure
7. SU = Standard units
8. NS = No Standard
9. VOCs = Volatile organic compounds
10. SVOCs = Semi-volatile organic compounds
11. mg/kg = milligram per kilogram (parts per million)
12. Not Applicable
13. mg/L = milligram per liter
14. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
15. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristis of TCLP toxicity.
16. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
17. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
18. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.

Table 7A

Phase I Pre-Demolition Building Assessment Report
Building 17 - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Building Materials						
B17-WC-CP-006	11/6/2008	Treated wood ceiling support beam.	5	NA	ND(0.1)	RL1
B17-WC-CHWP-007	11/6/2008	Wood ceiling of building. Treated or stained.	4	NA	ND(0.3)	RL1
B17-WS-CHWP-008	11/6/2008	Wood support column. Treated.	5	NA	ND(0.62)	RL1
B17-WS-CP-009	11/6/2008	Wood support column. Treated. East.	5	NA	ND(0.37)	RL1
B17-CF-CP-010	11/10/2008	Concrete floor. Near trasformer. East. Oil-like stain.	6	NA	ND(0.05)	-
B17-CF-CP-010 DUP	11/10/2008	Duplicate of B17-CF-CP-010	6	NA	ND(0.05)	-
B17-WW-CHWP-011	11/10/2008	Concrete floor. Northeast.	6-8	NA	ND(0.05)	-
B17-CF-CP-012	11/10/2008	Concrete floor. Central. Staining present.	6-8	1260	0.052	-

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. RL1 = Reporting limit raised due to sample matrix effects.
5. DUP = Duplicate sample
6. in = inches
7. mg/kg = milligrams per kilogram
8. NA = Not Applicable
9. B17-WW-CHWP-011 was entered by the lab with the incorrect sample ID. The sample corresponds to B17-CF-CHWP-011, and is from a concrete floor, not wooden wall.

Table 7B

Phase I Pre-Demolition Building Assessment Report
Building 17 - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
B17-MW-WP-001	11/4/2008	Interior surface of sheet metal wall. North.	NA	ND(0.001)
B17-MW-WP-002	11/4/2008	Vertical metal panel. South side of room structure. Black splotching.	NA	ND(0.001)
B17-SP-WP-005	11/6/2008	6" diameter fire pipe. Ceiling. Rust and dust.	NA	ND(0.001)

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. mg/wipe = milligrams per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)
5. NA = Not Applicable

Table 7C

Phase I Pre-Demolition Building Assessment Report
Building 17 - Paint Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Color	Aroclor(s) Detected	Total PCBs (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)
B17-MS-PLC-003	11/4/2008	Peeling paint. Metal staircase. West.	Yellow	NA	NA	1,100	ND(10) RL1
B17-MS-PP-004	11/4/2008	Peeling paint. Metal staircase. West.	Yellow	1260	2 R-1	NA	NA

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082, and lead and cadmium using USEPA SW-846 Method 6010.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. RL1 = Reporting limit raised due to sample matrix effects.
5. R-1 = Relative percent difference between the primary and confirmatory analysis exceeded 40%. Higher value is reported
6. NA = Not analyzed
7. mg/kg = milligram per kilogram (parts per million)

Value exceeds criteria. For lead results greater than 600 ppm (roughly equivalent to mg/kg), worker protection provisions in Title 29 of the Code of Federal Regulations (CFR) 1926.62 would apply. For cadmium results greater than 0 ppm, worker protection provisions of Title 29 CFR 1926.1127 would apply.

Table 7D

Phase I Pre-Demolition Building Assessment Report
Building 17 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID		**Criteria**		**B17-WC-CHWP-007**	**B17-WS-CHWP-008**	**B17-WW-CHWP-011**
Analytical Test	**Units**	**RCRA Toxicity Limit**	**CA Regulatory Limits**			
TCLP Metals			CA Toxicity Limits			
Barium	mg/L	100	100	ND	ND	0.48
Total Metals			10xSTLC/TTLC for mg/kg			
Mercury	mg/kg	NA	2/20	ND	ND	0.037
Arsenic	mg/kg	NA	50/500	ND	ND	3.7
Barium	mg/kg	NA	1000/10,000	4.2	6.1	110
Chromium	mg/kg	NA	50/500	ND	ND	37
Cobalt	mg/kg	NA	800/8,000	ND	ND	6.7
Copper	mg/kg	NA	250/2500	ND	ND	20
Lead	mg/kg	NA	50/1000	ND	ND	3.0
Nickel	mg/kg	NA	200/2000	ND	ND	33
Vanadium	mg/kg	NA	240/2400	ND	ND	34
Zinc	mg/kg	NA	2500/5000	ND	ND	30
TCLP VOCs			CA Toxicity Limits			
Naphthalene	mg/L	NS	NS	ND	0.058 T-5	ND
Total VOCs			10xSTLC/TTLC for mg/kg			
p-Isopropyltoluene	mg/kg	NA	NS	5.7 A-01, RL1	3.2 A-01, RL1	ND
Naphthalene	mg/kg	NA	NS	ND	22 A-01, RL1	ND
TCLP SVOCs			CA Toxicity Limits			
4-Methylphenol	mg/L	200	NS	0.16 T-5	ND	ND
Pentachlorophenol	mg/L	100	100	ND	3.3 T-5	ND
Total SVOCs			10xSTLC/TTLC for mg/kg			
2-Methylnaphthalene	mg/kg	NA	NS	ND	230	ND
Pentachlorophenol	mg/kg	NA	1.7/17	ND	**4,500**	ND
Ignitability, Corrosivity						
Ignitability	SU	NS	<140°F	ND	ND	ND
pH	pH units	NS	≤2 or ≥12.5	4.88	3.87	12.1

see notes on Page 2.

Table 7D

Phase I Pre-Demolition Building Assessment Report
Building 17 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Notes:
1. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 8260
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 6010
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses
3. A-01 = Sample result might be biased high due to coelution of Aroclors
4. RL1 = Reporting limit raised due to sample matrix effects.
5. T5 = Less than the prescribed sample amount was available to perform the leachate extraction. The volume of extraction fluid was adjusted proportionately based on the method prescribed ratio of extraction fluid to sample weight.
6. M1 = The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS)
7. HFT = The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt
8. TCLP = Toxicity Characteristic Leaching Procedure
9. SU = Standard units
10. NS = No Standard
11. VOCs = Volatile organic compounds
12. SVOCs = Semi-volatile organic compounds
13. mg/kg = milligram per kilogram (parts per million)
14. NA = Not Available
15. mg/L = milligram per liter
16. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
17. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristics of TCLP toxicity.
18. 20X RCRA toxicity limit = 20 times the RCRA maximum concentration for characteristics of TCLP toxicity.
19. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
20. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
21. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.
22. Bolded value indicates exceedence of TTLC.

Table 8A

Phase I Pre-Demolition Building Assessment Report
Building 18 - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Building Materials						
B18-CF-CP-004	11/7/2008	Concrete floor. North. White staining.	6	1260	0.12	-
B18-CF-CHWP-005	11/7/2008	Concrete floor. Center.	6	1260	0.59	R-1
B18-SW-CP-006	11/7/2008	Sheetrock wall. East wall office room.	NA	1260	0.32	RL1, R-1
B18-CF-CP-007	11/7/2008	Concrete floor. South.	6	1260	0.26	R-1

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. RL1 = Reporting limit raised due to sample matrix effects.
5. R-1 = Relative percent difference between the primary and confirmatory analysis exceeded 40%. Higher value is reported.
6. in = inches
7. mg/kg = milligrams per kilogram
8. NA = Not Applicable

Table 8B

Phase I Pre-Demolition Building Assessment Report
Building 18 - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
B18-SS-WP-003	11/4/2008	Horizontal surface of structural steel beam. North. Dusty.	1260	0.022
B18-SS-WP-003DUP	11/4/2008	Duplicate of B18-SS-WP-003	1260	0.014

Notes:
1. Samples were collected by ARCADIS on the dates indicated
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082
3. mg/wipe = milligrams per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)

Table 8C

Phase I Pre-Demolition Building Assessment Report
Building 18 - Paint Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Color	Aroclor(s) Detected	Total PCBs (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)
B18-MD-PLC-001	11/3/2008	Peeling paint from sliding door exterior.	White	NA	NA	400	ND(5.0) RL1
B18-MW-PP-002	11/3/2008	Peeling paint from sliding door exterior.	White	1254, 1260	5.3 A-01	NA	NA

Notes:
1. Samples were collected by ARCADIS on the dates indicated
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082, and lead and cadmium using USEPA SW-846 Me
3. A-01 = Sample result might be biased high due to coelution of Aroclors
4. RL1 = Reporting limit raised due to sample matrix effects.
5. NA = Not analyzed
6. mg/kg = milligram per kilogram (parts per million)

Value exceeds criteria. For lead results greater than 600 ppm (roughly equivalent to mg/kg), worker protection provisions in Title 29 of the Code of Federal Regulations (CFR) 1926.62 would apply. For cadmium results greater than 0 ppm, worker protection provisions of Title 29 CFR 1926.1127 would apply.

Table 8D

Phase I Pre-Demolition Building Assessment Report
Building 18 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID		**Criteria**		**B18-CF-CHWP-005**
Analytical Test	**Units**	**RCRA Toxicity Limit**	**CA Regulatory Limits**	
TCLP Metals			CA Toxicity Limit	
Barium	mg/L	100	100	0.29
Chromium	mg/L	5	5	0.15
Total Metals			10xSTLC/TTLC for mg/kg	
Mercury	mg/kg	NA	2/20	0.024
Arsenic	mg/kg	NA	50/500	4.2
Barium	mg/kg	NA	1000/10000	130
Chromium	mg/kg	NA	50/500	39 M2
Cobalt	mg/kg	NA	800/8000	9.2 M2
Copper	mg/kg	NA	250/2500	32 M2
Lead	mg/kg	NA	50/1000	4.4 M2
Nickel	mg/kg	NA	200/2000	40 M2
Vanadium	mg/kg	NA	240/2400	33 M2
Zinc	mg/kg	NA	2500/5000	48 M2
Ignitability, Corrosivity				
Ignitability	SU	NS	<140°F	ND
pH	pH units	NS	≤2 or ≥12.5	12.0

see notes on Page 2.

Table 8D

Phase I Pre-Demolition Building Assessment Report
Building 18 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Notes:

1. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for:
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 8260
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 6010
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND = Constituent not detected at a concentration above the reported detection limit.
3. M2 = The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
4. TCLP = Toxicity Characteristic Leaching Procedure
5. SU = Standard units
6. NS = No Standard
7. mg/kg = milligram per kilogram (parts per million)
8. NA = Not Applicable
9. mg/L = milligram per liter
10. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
11. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristic of TCLP toxicity.
12. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
13. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
14. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.

Table 9A

Phase I Pre-Demolition Building Assessment Report
Building 20 - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Building Materials						
B20-CF-CP-004	11/10/2008	Concrete floor. Northwest. Dark staining.	6	1260	0.21	R-1
B20-CF-CHWP-005	11/10/2008	Concrete floor. Center. Containment area.	6	1254, 1260	1.03	A-01
B20-CF-CP-006	11/10/2008	Concrete floor. Southeast. Dry black tar-like material	6	NA	ND(0.05)	-

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. A-01 = Sample result might be biased high due to coelution of Aroclors.
5. R-1 = Relative percent difference between the primary and confirmatory analysis exceeded 40%. Higher value is reported.
6. in = inches
7. mg/kg = milligrams per kilogram
8. NA = Not Applicable

Table 9B

Phase I Pre-Demolition Building Assessment Report
Building 20 - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
B20-MD-MP-002	11/4/2008	Exterior surface of metal sliding door. Dusty.	NA	ND(0.001)
B20-SS-WP-003	11/10/2008	Horizontal surface of steel beam. Northeast. Black staining, dust.	1254, 1260	0.007 A-01
B20-SS-WP-003 DUP	11/10/2008	Duplicate sample of B20-SS-WP-003	1254, 1260	0.0035 A-01

Notes:
1. Samples were collected by ARCADIS on the dates indicated
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses
4. mg/wipe = milligrams per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)
5. NA = Not Applicable

Table 9C

Phase I Pre-Demolition Building Assessment Report
Building 20 - Paint Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Color	Lead (mg/kg)	Cadmium (mg/kg)
B20-MD-PLC-001	11/3/2008	Edge of metal sliding door.	Light brown	7,500	ND(5.0) RL1

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for lead and cadmium using USEPA SW-846 Method 6010.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. RL1 = Reporting limit raised due to sample matrix effects.
5. mg/kg = milligram per kilogram (parts per million)

Federal Regulations (CFR) 1926.62 would apply. For cadmium results greater than 0 ppm, worker protection provisions of Title 29 CFR 1926.1127 would apply.

Table 9D

Phase I Pre-Demolition Building Assessment Report
Building 20 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID		**Criteria**		**B20-CF-CHWP-005**
Analytical Test	**Units**	**RCRA Toxicity Limit**	**CA Regulatory Limits**	
TCLP Metals			CA Toxicity Limit	
Barium	mg/L	100	100	0.34
Total Metals			10xSTLC/TTLC for mg/kg	
Mercury	mg/kg	NA	2/200	0.026
Arsenic	mg/kg	NA	50/500	3.8
Barium	mg/kg	NA	1000/10000	110
Chromium	mg/kg	NA	50/500	29
Cobalt	mg/kg	NA	800/8000	7.0
Copper	mg/kg	NA	250/2500	29
Lead	mg/kg	NA	50/1000	3.6
Nickel	mg/kg	NA	200/2000	30
Vanadium	mg/kg	NA	240/2400	26
Zinc	mg/kg	NA	2500/5000	49
Ignitability, Corrosivity				
Ignitability	SU	NS	<140°F	ND
pH	pH units	NS	≤2 or ≥12.5	12.2

Notes:

1. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for:
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 8260
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 6010
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND = Constituent not detected at a concentration above the reported detection limit.
3. TCLP = Toxicity Characteristic Leaching Procedure
4. SU = Standard units
5. NS = No Standard
6. mg/kg = milligram per kilogram (parts per million)
7. NA = Not Applicable
8. mg/L = milligram per liter
9. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
10. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristis of TCLP toxicity.
11. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
12. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
13. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.

Table 10A

Phase I Pre-Demolition Building Assessment Report
Building 21 - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Debris						
B21-SMP-B-009	11/4/2008	Dry dark brown crust-like material. Sump in Tank 9 containment.	12	1260	68	R-1
Building Materials						
B21-CF-CHWP-010	11/13/2008	Painted/sealed concrete floor. North central. Slab >6" thick	6	NA	ND(0.05)	-
B21-SMP-CP-011	11/13/2008	Concrete bottom of 15" deep sump. North. Dust/debris.	15	1260	0.18	-
B21-CF-CHWP-012	11/14/2008	Painted/sealed concrete floor. North. Near oil receiving tank. Refusal.	8	NA	ND(0.075)	RL1
B21-SMP-CP-013	11/14/2008	Concrete bottom of 36" deep sump. South of oil/water separator. Dust/debris.	36	1260	0.22	-
B21-CF-CHWP-014	11/14/2008	Painted/sealed concrete containment. Near Tank 3. 1/2" thick layer of extra concrete/seal. Thin slab.	3-4	NA	ND(0.05)	-
B21-CF-CP-015	11/14/2008	Painted/sealed concrete containment. Between Tank 5-6. 1/2" thick layer of extra concrete/seal. Thin slab. Staining	3-4	NA	ND(0.05)	-
B21-CF-CP-016	11/14/2008	Painted/sealed concrete containment. Near Tank 9. 1/2" thick layer of extra concrete/seal. Thin slab. Staining.	3-4	NA	ND(0.05)	-
B21-CF-CP-016 DUP	11/14/2008	Duplicate of B21-CF-CP-016	3-4	NA	ND(0.05)	-

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. R-1 = Relative percent difference between the primary and confirmatory analysis exceeded 40%. Higher value is reported.
5. RL1 = Reporting limit raised due to sample matrix effects.
6. DUP = Duplicate sample
7. in = inches
8. mg/kg = milligrams per kilogram
9. NA = Not Applicable

Table 10B

Phase I Pre-Demolition Building Assessment Report
Building 21 - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
B21-EQ-WP-003	11/4/2008	Vertical surface of metal storage cabinet.	NA	ND(0.001)
B21-MW-WP-004	11/4/2008	Interior sheet metal wall. South.	NA	ND(0.001)
B21-MW-WP-005	11/4/2008	Interior sheet metal wall. West.	NA	ND(0.001)
B21-TK-WP-006	11/4/2008	Exterior metal surface of Tank 4. Dust.	NA	ND(0.001)
B21-SP-WP-007	11/4/2008	Exterior surface of steel pipe. Brown drip.	NA	ND(0.001)
B21-TK-WP-008	11/4/2008	Exterior metal surface of Tank 9.	NA	ND(0.001)
B21-TK-WP-017	11/17/2008	Interior of Tank 14. Yellow staining. Non-TSCA wipe.	NA	ND(0.001)
B21-TK-WP-018	11/17/2008	Interior of Tank 10. Non-TSCA wipe.	1260	0.023
B21-TK-WP-019	11/17/2008	Interior of Tank 9. Non-TSCA wipe.	1260	0.0011
B21-TK-WP-020	11/17/2008	Interior of Tank 8. Non-TSCA wipe.	NA	ND(0.001)
B21-TK-WP-021	11/17/2008	Interior of Tank 7. Non-TSCA wipe.	NA	ND(0.001)
B21-TK-WP-022	11/17/2008	Interior of Tank 6. Non-TSCA wipe.	NA	ND(0.001)
B21-TK-WP-023	11/17/2008	Interior of Tank 5. Non-TSCA wipe.	NA	ND(0.001)
B21-TK-WP-024	11/17/2008	Interior of Tank 11. Non-TSCA wipe.	NA	ND(0.001)
B21-TK-WP-025	11/17/2008	Interior of Tank 3. Non-TSCA wipe.	NA	ND(0.001)
B21-TK-WP-026	11/17/2008	Interior of Tank 4. Non-TSCA wipe.	NA	ND(0.001)

Notes:
1. Samples were collected by ARCADIS on the dates indicated
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses
4. mg/wipe = milligrams per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)
5. NA = Not Applicable

Table 10C

Phase I Pre-Demolition Building Assessment Report
Building 21 - Paint Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Color	Aroclor(s) Detected	Total PCBs (mg/kg)	Lead (mg/kg)	Cadmium (mg/kg)
B21-SP-PP-001	11/3/2008	Peeling paint from steel pipe in secondary containment.	Mint green	1260	0.29 R-1	NA	NA
B21-SP-PLC-002	11/3/2008	Peeling paint from steel pipe in secondary containment.	Mint green	NA	NA	82	ND(2.5) RL1

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082, and lead and cadmium using USEPA SW-846 Method 601C
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses
4. R-1 = Relative percent difference between the primary and confirmatory analysis exceeded 40%. Higher value is reported
5. RL1 = Reporting limit raised due to sample matrix effects.
6. NA = Not analyzed
7. mg/kg = milligram per kilogram (parts per million)

Value exceeds criteria. For lead results greater than 600 ppm (roughly equivalent to mg/kg), worker protection provisions in Title 29 of the Code of Federal Regulations (CFR) 1926.62 would apply. For cadmium results greater than 0 ppm, worker protection provisions of Title 29 CFR 1926.1127 would apply.

Table 10D

Phase I Pre-Demolition Building Assessment
Building 21 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID		**Criteria**		**B21-CF-CHWP-010**	**B21-CF-CHWP-012**	**B21-CF-CHWP-014**
Analytical Test	**Units**	**RCRA Toxicity Limit**	**CA Regulatory Limits**			
TCLP Metals			CA Toxicity Limits			
Barium	mg/L	100	100	0.49	0.44	0.89
Total Metals			10xSTLC/TTLC for mg/kg			
Mercury	mg/kg	NA	2/20	0.032	0.023	0.068
Arsenic	mg/kg	NA	50/500	3.5	ND	ND
Barium	mg/kg	NA	1000/10,000	130	120	160
Chromium	mg/kg	NA	50/500	43	38	44
Cobalt	mg/kg	NA	800/8,000	7.9	6.5	6.4
Copper	mg/kg	NA	250/2,500	23	19	22
Lead	mg/kg	NA	50/1,000	3.4	3.3	2.9
Nickel	mg/kg	NA	200/2,000	38	45	48
Vanadium	mg/kg	NA	240/2,400	45	33	44
Zinc	mg/kg	NA	2,500/5,000	32	28	32
Total VOCs			10xSTLC/TTLC for mg/kg			
Isopropylbenzene	mg/kg	NA	NS	0.14	ND	0.33
n-Propylbenzene	mg/kg	NA	NS	ND	ND	0.49
1,2,4-Trimethylbenzene	mg/kg	NA	NS	1.4 L	0.76 L	4.9 L
1,3,5-Trimethylbenzene	mg/kg	NA	NS	1.3	0.58	2.3
o-Xylene	mg/kg	NA	NS	ND	ND	0.18
Total SVOCs			10xSTLC/TTLC for mg/kg			
Isophorone	mg/kg	NA	NS	14 RL3	ND	ND
Ignitability, Corrosivity						
Ignitability	SU	NS	<140°F	ND	ND	ND
pH	pH units	NS	≤2 or ≥12.5	12.2 H-1	12.2 H-1	8.55 H-1

see notes on Page 2.

Table 10D

Phase I Pre-Demolition Building Assessment
Building 21 - Waste Characterization Sample Analytical Results - Building Material

General Electric Company
East 14th Street Facility
Oakland, California

Notes:

1. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for:
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 8260
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 6010
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
3. H - 1 = Sample analysis performed past the method-specified holding time per client's approval.
4. RL3 Reporting limit raised due to high concentrations of non-target analytes
5. L = Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
6. TCLP = Toxicity Characteristic Leaching Procedure
7. SU = Standard units
8. NS = No Standard
9. NA = Not Applicable
10. VOCs = Volatile organic compounds
11. SVOCs = Semi-volatile organic compounds
12. mg/kg = milligram per kilogram (parts per million)
13. mg/L = milligram per liter
14. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
15. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristics of TCLP toxicity.
16. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
17. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
18. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.

Table 11A

Phase I Pre-Demolition Building Assessment Report
Outer Tanks - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Debris					
OT1-TK-B-002	11/17/2008	East Tank. Black two phase liquid/sludge material. Oily	1254, 1260	50	A-01, C-7, R-1

Notes:
1. Sample was collected by ARCADIS on the date indicated.
2. Sample was analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. A-01 = Sample result might be biased high due to coelution of Aroclors.
4. R-1 = Relative percent difference between the primary and confirmatory analysis exceeded 40%. Higher value is reported.
5. RL1 = Reporting limit raised due to sample matrix effects.
6. C-7 = Calibration verification recovery was below the method control limit.
7. mg/kg = milligrams per kilogram
8. NA = Not Applicable

Table 11B

Phase I Pre-Demolition Building Assessment Report
Outer Tanks - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
OT1-TK-WP-001	11/17/2008	Interior of East Tank. Dry surfaces. Non-TSCA wipe.	1260	0.031
OT2-TK-WP-001	11/17/2008	Interior of West Tank. Rusty metal. Non-TSCA wipe.	1260	0.014

Notes:
1. Samples were collected by ARCADIS on the dates indicated
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082
3. mg/wipe = milligrams per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)

Table 11C

Phase I Pre-Demolition Building Assessment Report
Outer Tanks - Bulk Sample Metals Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Metal	20X RCRA (mg/kg)	10xSTLC/TTLC for mg/kg	Result (mg/kg)
OT1-TK-B-002	11/17/2008	East Tank. Black two phase liquid/sludge material. Oily	Mercury	4	2/20	ND(0.020)
			Arsenic	100	50/500	ND(2.0)
			Barium	2000	1000/10,000	31
			Cadmium	20	10/100	ND(0.50)
			Chromium	100	50/500	**140**
			Lead	100	50/1000	**250**
			Selenium	20	10/100	ND(2.0)
			Silver	100	50/500	ND(1.0)

Notes:
1. Sample was collected by ARCADIS on the date indicated.
2. Sample was analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for metals using USEPA SW-846 Method 6010.
3. ND = Constituent not detected at a concentration above the reported detection limit.
4. mg/kg = milligram per kilogram (parts per million)
5. Bolded value indicates the potential to fail STLC.

Value exceeds 20X RCRA toxicity limit.

Table 12A

Phase I Pre-Demolition Building Assessment Report
Pump House - Core/Bulk Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Depth (in)	Aroclor(s) Detected	Total PCBs (mg/kg)	Notes
Building Materials						
PHT-CF-CHWP-002	11/10/2008	Concrete floor. Center. Dusty.	6	1260	0.14	R-1
PHT-CF-CP-003	11/10/2008	Concrete floor. Near pump. Oil-like stain.	6-7	1260	0.53	A-01
Equipment Oil						
PHT-EQ-B-004	11/18/2008	Pump motor oil.	NA	NA	ND(5)	-

Notes:
1. Samples were collected by ARCADIS on the dates indicated.
2. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
4. A-01 = Sample result might be biased high due to coelution of Aroclors.
5. R-1 = Relative percent difference between the primary and confirmatory analysis exceeded 40%. Higher value is reported.
6. in = inches
7. mg/kg = milligrams per kilogram
8. NA = Not Applicable

Table 12B

Phase I Pre-Demolition Building Assessment Report
Pump House - Wipe Sample PCB Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID	Date Collected	Sample Location	Aroclor(s) Detected	Total PCBs (mg/wipe)
PHT-EQ-WP-001	11/4/2008	Top surface of water pipe. Northeast. Brown dust.	1260	1.7

Notes:
1. Sample was collected by ARCADIS on the date indicated.
2. Sample was analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for polychlorinated biphenyls (PCBs) using USEPA SW-846 Method 8082.
3. mg/wipe = micrograms per wipe sample area (wipe sample area was 10 centimeters by 10 centimeters)

Table 12C

Phase I Pre-Demolition Building Assessment Report
Pump House - Waste Characterization Sample Analytical Results

General Electric Company
East 14th Street Facility
Oakland, California

Sample ID		**Criteria**		**PHT-CF-CHWP-002**
Analytical Test	**Units**	**RCRA Toxicity Limit**	**CA Regulatory Limits**	
TCLP Metals			CA Toxicity Limits	
Barium	mg/L	100	100	0.34
Chromium	mg/L	5	5	0.20
Total Metals			10xSTLC/TTLC for mg/kg	
Mercury	mg/kg	NA	2/20	0.025
Arsenic	mg/kg	NA	50/500	3.0
Barium	mg/kg	NA	1,000/10,000	140
Chromium	mg/kg	NA	50/500	35
Cobalt	mg/kg	NA	800/8,000	6.9
Copper	mg/kg	NA	250/2,500	24
Lead	mg/kg	NA	50/1,000	4.5
Nickel	mg/kg	NA	200/2,000	34
Vanadium	mg/kg	NA	240/2,400	54
Zinc	mg/kg	NA	2,500/5,000	33
Total SVOCs			10xSTLC/TTLC for mg/kg	
Isophorone	mg/kg	NA	NS	10 RL3
Ignitability, Corrosivity				
Ignitability	SU	NS	<140°F	ND
pH	pH units	NS	≤2 or ≥12.5	12.3

Notes:

1. Samples were analyzed by TestAmerica Laboratories, Inc. located in Irvine, CA for:
   -TCLP VOCs using United States Environmental Protection Agency (USEPA) SW-1311 Method 8260
   -TCLP SVOCs using USEPA SW-1311 Method 8270
   -TCLP Metals using USEPA SW-1311 Methods 7470, 6010
   -Ignitability using USEPA SW-1010
   -Corrosivity using USEPA SW-9045
   -VOCs using USEPA SW-846 Method 8260.
   -SVOCs using USEPA SW-846 Method 8270.
   -Metals using USEPA SW-846 Method 6010.
2. ND() = Constituent not detected at a concentration above the reported detection limit in parentheses.
3. RL3 = Reporting limit raised due to sample matrix effects.
4. TCLP = Toxicity Characteristic Leaching Procedure
5. SU = Standard units
6. NS = No Standard
7. VOCs = Volatile organic compounds
8. SVOCs = Semi-volatile organic compounds
9. mg/kg = milligram per kilogram (parts per million)
10. NA = Not Applicable
11. mg/L = milligram per liter
12. Only detected constituents are listed in the Waste Characterization Analytical Results table above.
13. RCRA Toxicity Limit = the Resource Conservation and Recovery Act (RCRA) maximum concentration for characteristis of TCLP toxicity.
14. CA toxicity limit = the maximum concentration for toxicity characteristics from 22 CCR 66261.24.
15. STLC = Soluble Threshold Limit Concentration from 22 CCR 66261.24.
16. TTLC = Total Threshold Limit Concentration from 22 CCR 66261.24.

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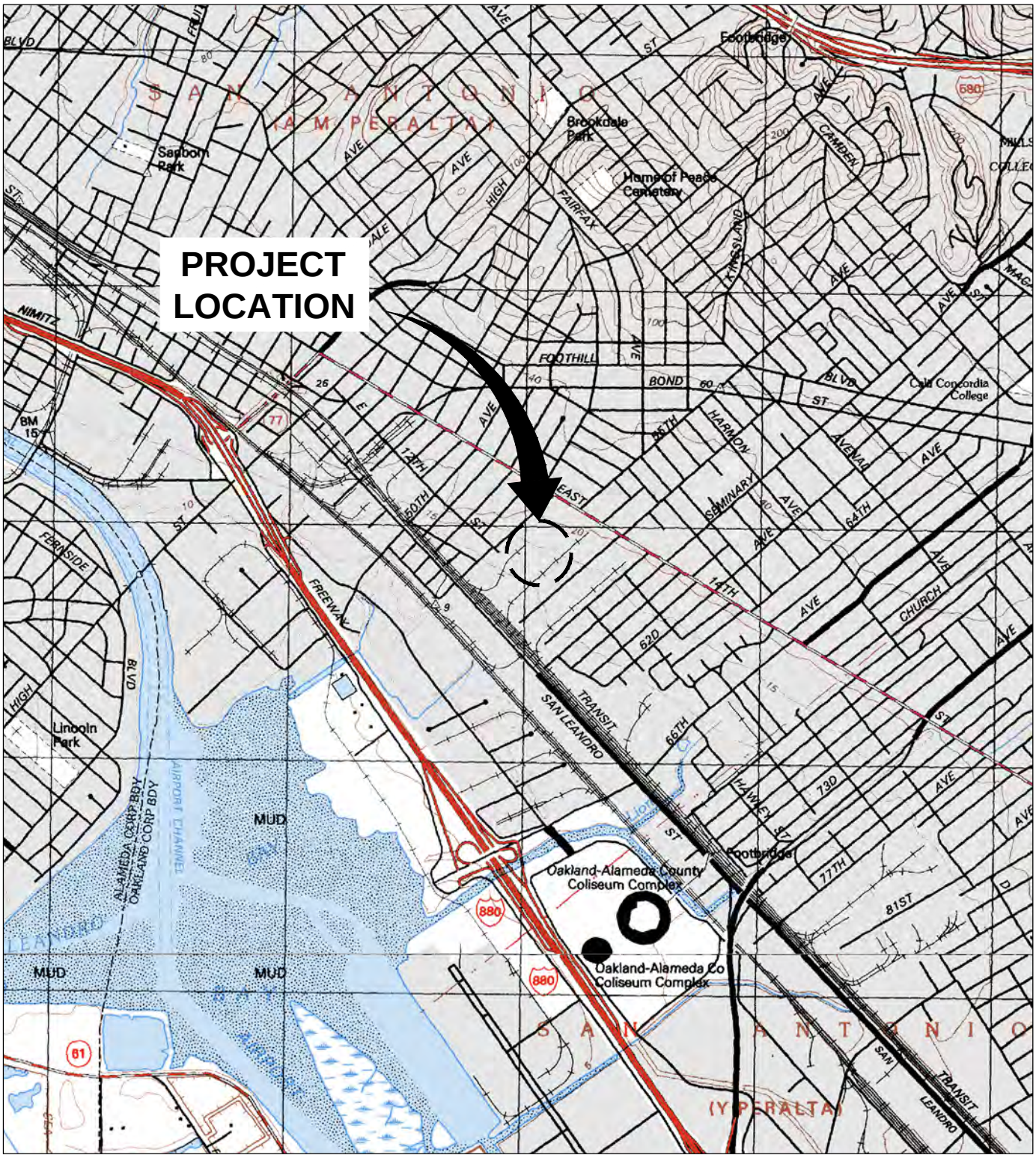
Figures



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD.,OAKLAND EAST., CA, 1997, AND SAN LEANDRO, CA., 1993.

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.

GENERAL ELECTRIC COMPANY
54411 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA
PHASE 1 BUILDING ASSESSMENT REPORT

SITE LOCATION MAP

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FIGURE
1

CITY:SYRACUSE, NY DIV/GROUP: ENV/141 DB:KLS KEW KLS LD:BKD PIC:(Opt) PM:(Reqd) TM:E.LUNIN LYR:(Opt)ON=*;OFF=*REF*
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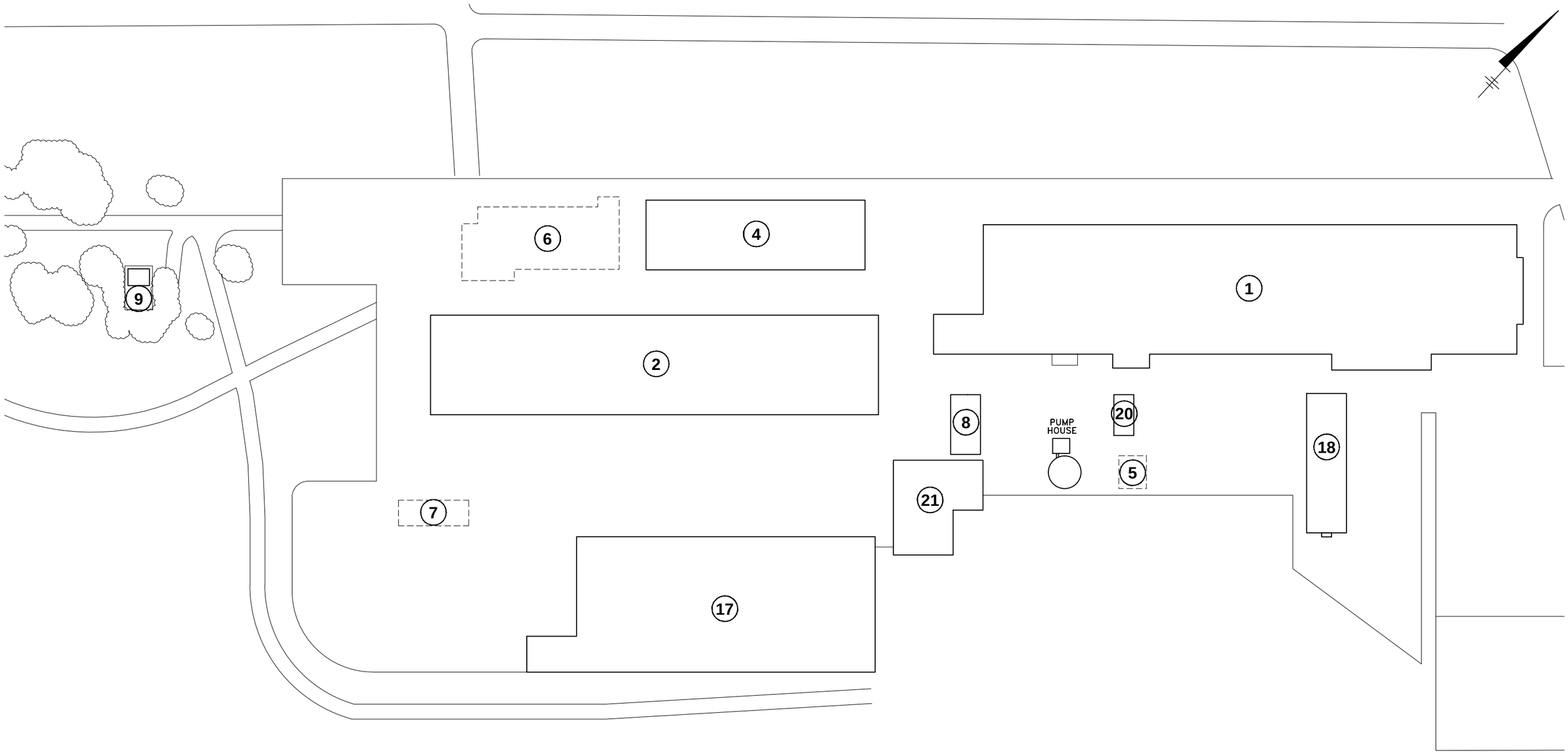

LEGEND:

17 BUILDING NUMBER

ONLY BUILDING SLAB REMAINS

0 50' 100'
GRAPHIC SCALE

NOTES:

1. DRAWING WAS PREPARED BASED ON GEOSYNTEC DRAWING TITLED "TRICHLOROETHENE IN GROUNDWATER", GENERAL ELECTRIC CO., OAKLAND CA. THE DRAWING HAS BEEN MODIFIED BASED ON VISUAL OBSERVATIONS MADE BY ARCADIS ON SEPTEMBER 10 AND 11, 2008.
2. ALL FEATURES, DIMENSIONS AND LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE AND/OR ACCURATE.

GENERAL ELECTRIC COMPANY
54411 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA
PHASE I BUILDING ASSESSMENT REPORT

SITE MAP

ARCADIS

FIGURE
2

CITY: SYRACUSE DIV/GROUP: ENV/141 DB: RLP KEW KMD LD: PIC: PM: TM: LYR:ON=*;OFF=*REF*
G:\GE\ENVCAD\SYRACUSE\ACTIVE\B0031045\0000\00004\PHASE\BAR\31045B02.dwg LAYOUT: 2 SAVED: 1/6/2009 9:09 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/5/2013 5:16 PM BY: DECLERCQ, BRIAN
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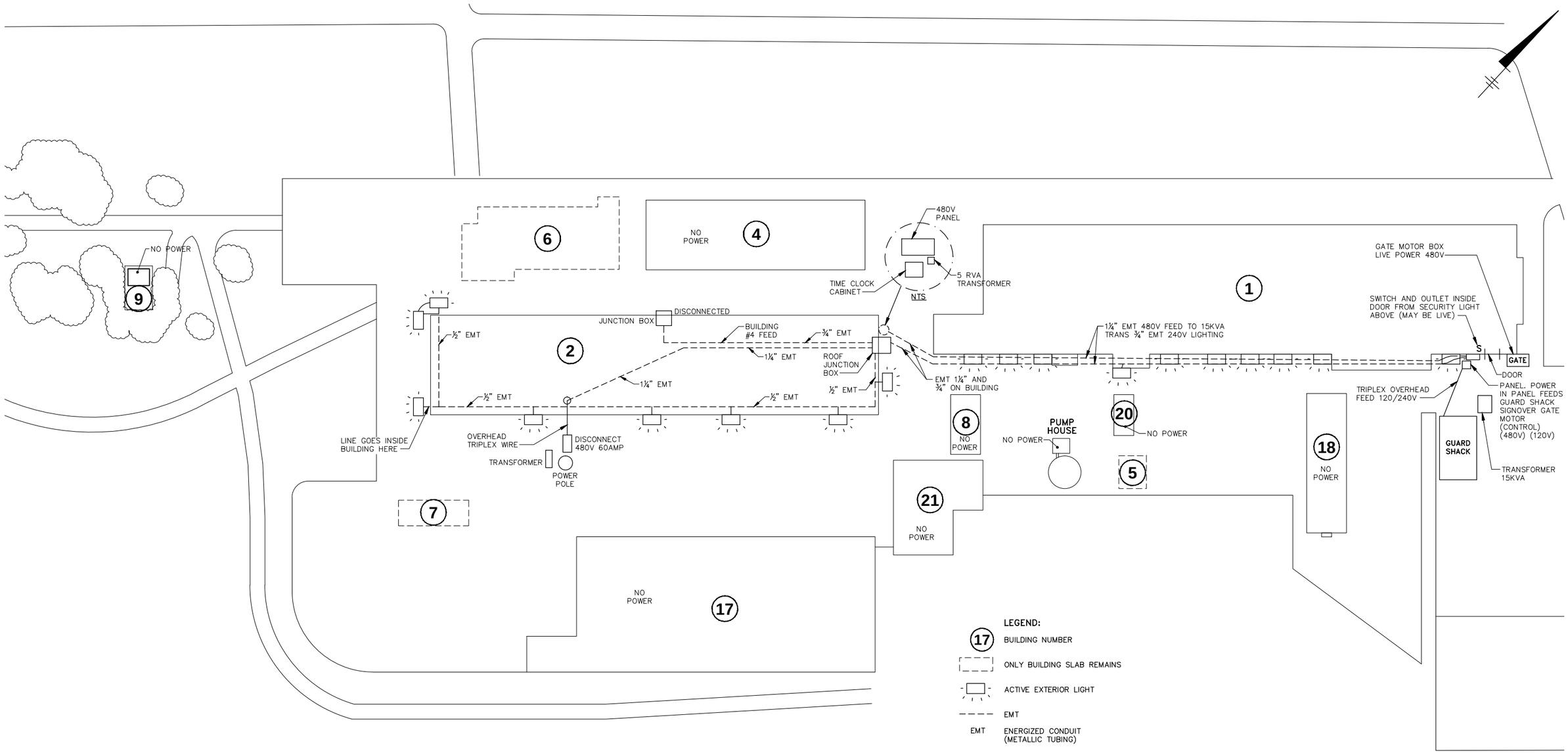


LEGEND:

17	BUILDING NUMBER
	ONLY BUILDING SLAB REMAINS
	ACTIVE EXTERIOR LIGHT
	EMT
EMT	ENERGIZED CONDUIT (METALLIC TUBING)

NOTES:

1. DRAWING WAS PREPARED BASED ON GEOSYNTEC DRAWING TITLED "TRICHLOROETHENE IN GROUNDWATER", GENERAL ELECTRIC CO., OAKLAND CA. THE DRAWING HAS BEEN MODIFIED BASED ON VISUAL OBSERVATIONS MADE BY ARCADIS ON SEPTEMBER 10 AND 11, 2008.
2. THE PRESENCE AND APPROXIMATE LAYOUT OF ACTIVE ELECTRICAL CONDUITS, JUNCTION BOXES, FEEDS, DISCONNECTS, LAMPS AND OTHER ELECTRIC EQUIPMENT IS BASED ON VISUAL OBSERVATIONS MADE BY A LICENSED ELECTRICIAN ON NOVEMBER 5, 2008.
3. ALL FEATURES, DIMENSIONS AND LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE AND/OR ACCURATE.
4. INFORMATION PRESENTED ON THIS DRAWING IS FOR PLANNING PURPOSES ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE. OTHER ENERGIZED ELECTRIC CONDUITS, IN ADDITION TO THOSE SHOWN ON THIS DRAWING, MAY EXIST.

0 50' 100'
GRAPHIC SCALE

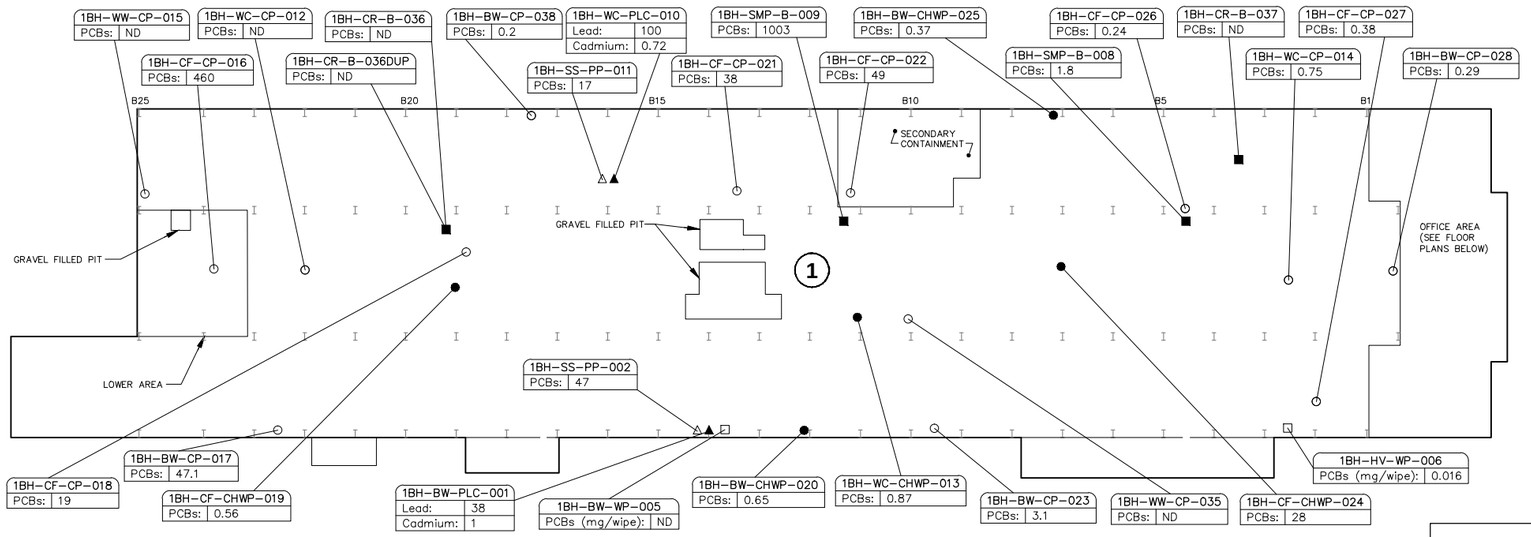
GENERAL ELECTRIC COMPANY
54411 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA
PHASE I BUILDING ASSESSMENT REPORT

ACTIVE ELECTRIC SERVICE REMAINING AT THE SITE

ARCADIS

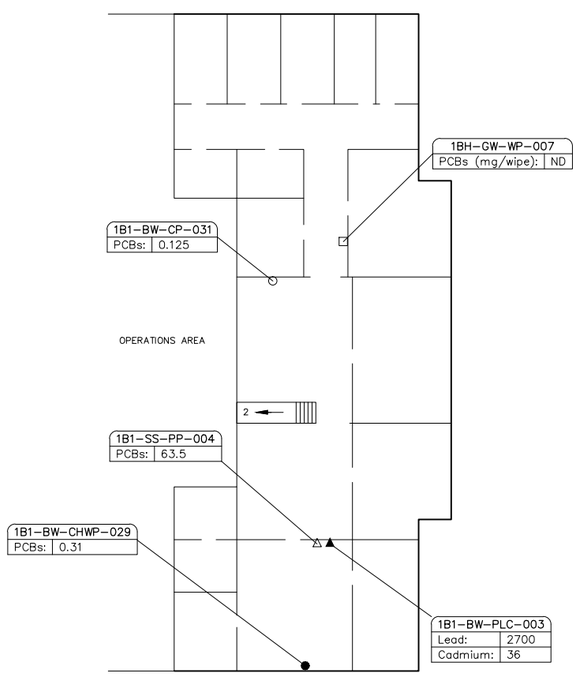
FIGURE
3

CITY: SYRACUSE DIV/GROUP: ENV/141 DB: RLP KEW KMD LD: PIC: PM: TM: LYR:ON=*;OFF=*REF*
G:\GENENVCAD\SYRACUSE\ACTIN\B0031045\0000\0000\04\PHASEIBAR\31045E01.dwg LAYOUT: 3 SAVED: 1/8/2009 1:45 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/5/2013 5:17 PM BY: DECLERCQ, BRIAN
XREFS: IMAGES: PROJECTNAME: ----
31045X00 overhead photo.jpg



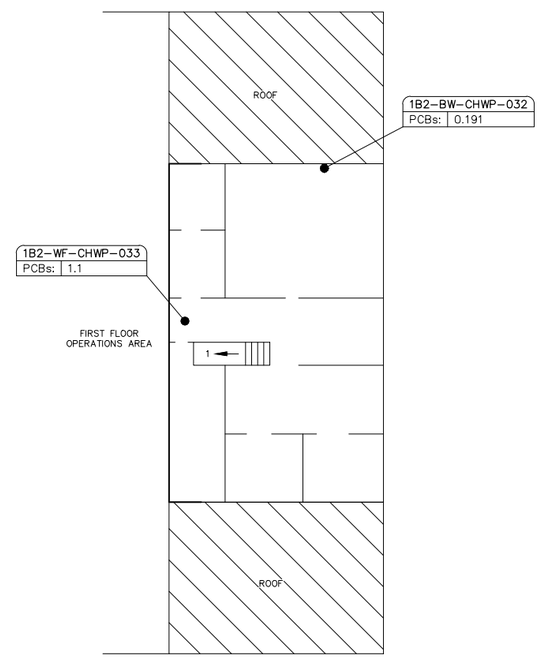
HIGH BAY AREA

0 30' 60'
GRAPHIC SCALE



OFFICE AREA FIRST FLOOR

0 15' 30'
GRAPHIC SCALE



OFFICE AREA SECOND FLOOR

0 15' 30'
GRAPHIC SCALE

SAMPLE LEGEND:

- □ WIPE SAMPLE FOR TOTAL PCB ANALYSIS
- ■ BULK SAMPLE FOR TOTAL PCB ANALYSIS
- △ PAINT CHIP SAMPLE FOR TOTAL PCB ANALYSIS
- ▲ PAINT CHIP SAMPLE FOR TOTAL LEAD AND CADMIUM ANALYSIS
- ○ FULL DEPTH CORE FOR TOTAL PCB ANALYSIS
- ● FULL DEPTH CORE FOR FEDERAL AND CA HAZARDOUS WASTE CHARACTERIZATION AND TOTAL PCB ANALYSIS

LEGEND:

(1) BUILDING NUMBER

SAMPLE DESIGNATION SYSTEM

SAMPLING AREA	SAMPLE MATRIX	SAMPLE TYPE	LOCATION NUMBER
1BH = BUILDING 1 HIGH BAY	BD = BULK DEBRIS	CHWP = CORE–HAZARDOUS WASTE CHARACTERIZATION AND PCB	001, 002, 003, 004 ETC.
1B1 = BUILDING 1 OFFICE AREA 1ST FLOOR	CR = CRANE OIL	CP = CORE PCB	
1B2 = BUILDING 1 OFFICE AREA 2ND FLOOR	DF = DOOR FRAME	PLC = LEAD/CADMIUM PAINT	
B2 = BUILDING 2	EQ = EQUIPMENT	PP = PCB PAINT	
B4 = BUILDING 4	CF = CONCRETE FLOOR	WP = WIPE PCB	
B8 = BUILDING 8	WF = WOOD FLOOR		
B9 = BUILDING 9	GW = GLASS WINDOW		
B17 = BUILDING 17	HV = HVAC SYSTEM		
B18 = BUILDING 18	MP = METAL PANEL		
B20 = BUILDING 20	SP = STEEL PIPE		
B21 = BUILDING 21	SMP = SUMP		
PHT = PUMP HOUSE AND TANK	TK = TANK		
OT1 = OUTSIDE TANK 1	BW = BRICK WALL		
OT2 = OUTSIDE TANK 2	CW = CONCRETE WALL		
	MD = METAL WALL		
	SW = SHEETROCK WALL		
	SS = STRUCTURAL WALL		
	WW = WOOD WALL		
	WC = WOOD CEILING		
	WS = WOOD SUPPORT		

1BH-CF-CHWP-024 — SAMPLE IDENTIFICATION NUMBER
PCBs (mg/kg): 28 — CONCENTRATION

ND: SAMPLE DID NOT CONTAIN THE ANALYZED COMPOUND AT CONCENTRATIONS GREATER THAN THE LABORATORY DETECTION LIMIT

EXAMPLE:

1BH-WW-CP-035
- 035 — SAMPLE LOCATION NUMBER
- CP — SAMPLE TYPE
- WW — SAMPLE MATRIX
- 1BH — SAMPLING AREA
- WW — SYMBOL OF SAMPLE TYPE

NOTES:

1. DRAWING WAS PREPARED BASED ON GEOSYNTEC DRAWING TITLED "TRICHLOROETHENE IN GROUNDWATER", GENERAL ELECTRIC CO., OAKLAND CA. THE DRAWING HAS BEEN MODIFIED BASED ON VISUAL OBSERVATIONS MADE BY ARCADIS ON SEPTEMBER 10 AND 11, 2008.
2. ALL FEATURES, DIMENSIONS AND LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE AND/OR ACCURATE.
3. WASTE CHARACTERIZATION RESULTS ARE INCLUDED IN TABLE 1D OF THIS PHASE 1 BUILDING ASSESSMENT REPORT.
4. CONCENTRATIONS ARE IN mg/kg UNLESS OTHERWISE STATED.

GENERAL ELECTRIC COMPANY
54411 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA
PHASE I BUILDING ASSESSMENT REPORT

SAMPLE LOCATION MAP PCB AND LEAD/CADMIUM IN PAINT BUILDING 1

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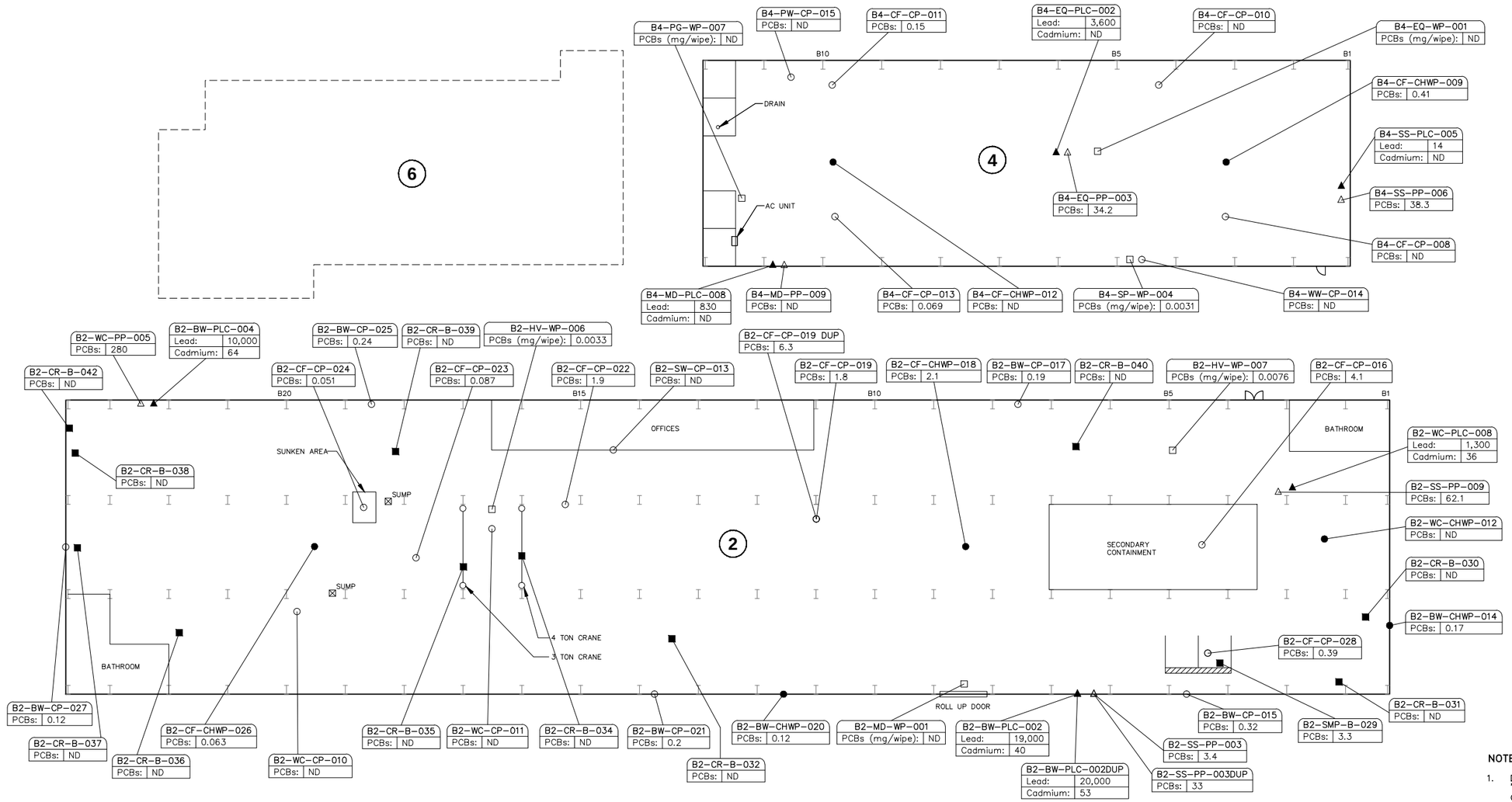
FIGURE
4

CITY: SYRACUSE,NY DIV/GROUP: ENV/141 DB: BKD KEW LAF KLS LD: PIC: PM: TM:ELUNIN LYR:ON=*;OFF=*REF*
G:\GEENVCAD\SYRACUSE\ACTIVE\003104\0000\000004\PHASEIBAR\31045G03.dwg LAYOUT: 4 SAVED: 3/5/2013 5:18 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/5/2013 5:18 PM BY: DECLERCQ, BRIAN
XREFS: 31045X00 IMAGES: PROJECTNAME: ----



SAMPLE LEGEND:

- □ WIPE SAMPLE FOR TOTAL PCB ANALYSIS
- ■ BULK SAMPLE FOR TOTAL PCB ANALYSIS
- △ PAINT CHIP SAMPLE FOR TOTAL PCB ANALYSIS
- ▲ PAINT CHIP SAMPLE FOR TOTAL LEAD AND CADMIUM ANALYSIS
- ○ FULL DEPTH CORE FOR TOTAL PCB ANALYSIS
- ● FULL DEPTH CORE FOR FEDERAL AND CA HAZARDOUS WASTE CHARACTERIZATION AND TOTAL PCB ANALYSIS

LEGEND:

(4) BUILDING NUMBER

ONLY BUILDING SLAB REMAINS

NOTES:

1. DRAWING WAS PREPARED BASED ON GEOSYNTEC DRAWING TITLED "TRICHLOROETHENE IN GROUNDWATER", GENERAL ELECTRIC CO., OAKLAND CA. THE DRAWING HAS BEEN MODIFIED BASED ON VISUAL OBSERVATIONS MADE BY ARCADIS ON SEPTEMBER 10, 11 AND 12, 2008.
2. ALL FEATURES, DIMENSIONS AND LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE AND/OR ACCURATE.
3. WASTE CHARACTERIZATION RESULTS ARE INCLUDED IN TABLE 1D OF THIS PHASE 1 BUILDING ASSESSMENT REPORT.
4. CONCENTRATIONS ARE IN mg/kg UNLESS OTHERWISE NOTED.

0 20' 40'
GRAPHIC SCALE

SAMPLE DESIGNATION SYSTEM

SAMPLING AREA	SAMPLE MATRIX	SAMPLE TYPE	LOCATION NUMBER
1BH = BUILDING 1 HIGH BAY 1B1 = BUILDING 1 OFFICE AREA 1ST FLOOR 1B2 = BUILDING 1 OFFICE AREA 2ND FLOOR B2 = BUILDING 2 B4 = BUILDING 4 B8 = BUILDING 8 B9 = BUILDING 9 B17 = BUILDING 17 B18 = BUILDING 18 B20 = BUILDING 20 B21 = BUILDING 21 PHT = PUMP HOUSE AND TANK OT1 = OUTSIDE TANK 1 OT2 = OUTSIDE TANK 2	BD = BULK DEBRIS CR = CRANE OIL DF = DOOR FRAME EQ = EQUIPMENT CF = CONCRETE FLOOR WF = WOOD FLOOR GW = GLASS WINDOW HV = HVAC SYSTEM MP = METAL PANEL SP = STEEL PIPE SMP = SUMP TK = TANK BW = BRICK WALL CW = CONCRETE WALL MD = METAL WALL SW = SHEETROCK WALL SS = STRUCTURAL WALL WW = WOOD WALL WC = WOOD CEILING WS = WOOD SUPPORT	CHWP = CORE-HAZARDOUS WASTE CHARACTERIZATION AND PCB CP = CORE PCB PLC = LEAD/CADMIUM PAINT PP = PCB PAINT WP = WIPE PCB	001, 002, 003, 004 ETC.

1BH-CF-CHWP-024 — SAMPLE IDENTIFICATION NUMBER
PCBs (mg/kg): 28 — CONCENTRATION

ND: SAMPLE DID NOT CONTAIN THE ANALYZED COMPOUND AT CONCENTRATIONS GREATER THAN THE LABORATORY DETECTION LIMIT

SAMPLE LOCATION NUMBER
SAMPLE TYPE
SAMPLE MATRIX
SAMPLING AREA
SYMBOL OF SAMPLE TYPE

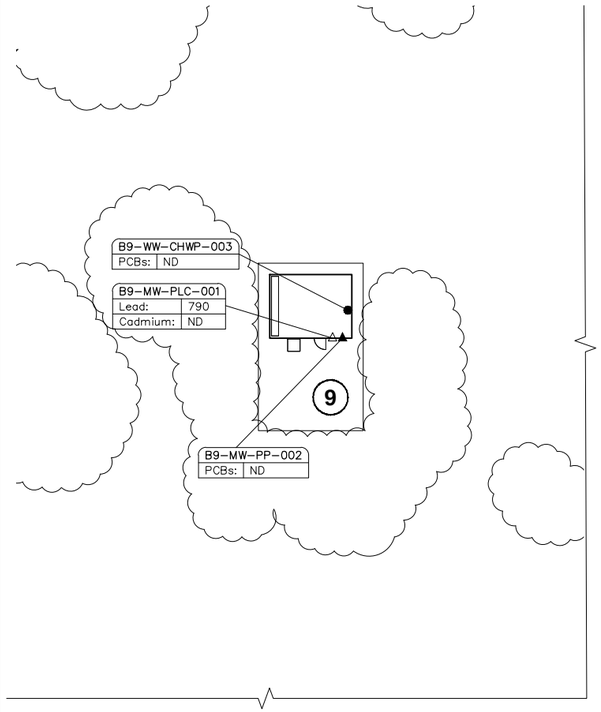
GENERAL ELECTRIC COMPANY
54411 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA
PHASE I BUILDING ASSESSMENT REPORT

SAMPLE LOCATION MAP PCB AND LEAD/CADMIUM IN PAINT BUILDINGS 2 AND 4

ARCADIS

FIGURE 5

CITY: SYRACUSE DIV/GROUP: ENV/141 DB: BKD LAF KMD LD: PIC: PM: TM: LYR:ON=*;OFF=*REF*
G:\GE\ENVCAD\SYRACUSE\ACT\NIB\0031045\0000\00004\PHASE\BAR\31045G04.dwg LAYOUT: 5 SAVED: 1/8/2009 1:37 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/5/2013 5:19 PM BY: DECLERCQ, BRIAN
XREFS: 31045X00 IMAGES: PROJECTNAME: ----



SAMPLE DESIGNATION SYSTEM			
SAMPLING AREA	SAMPLE MATRIX	SAMPLE TYPE	LOCATION NUMBER
1BH = BUILDING 1 HIGH BAY	BD = BULK DEBRIS	CHWP = CORE-HAZARDOUS WASTE CHARACTERIZATION AND PCB	001, 002, 003, 004 ETC.
1B1 = BUILDING 1 OFFICE AREA 1ST FLOOR	CR = CRANE OIL	CP = CORE PCB	
1B2 = BUILDING 1 OFFICE AREA 2ND FLOOR	DF = DOOR FRAME	PLC = LEAD/CADMIUM PAINT	
B2 = BUILDING 2	EQ = EQUIPMENT	PP = PCB PAINT	
B4 = BUILDING 4	CF = CONCRETE FLOOR	WP = WIPE PCB	
B8 = BUILDING 8	WF = WOOD FLOOR		
B9 = BUILDING 9	GW = GLASS WINDOW		
B17 = BUILDING 17	HV = HVAC SYSTEM		
B18 = BUILDING 18	MP = METAL PANEL		
B20 = BUILDING 20	SP = STEEL PIPE		
B21 = BUILDING 21	SMP = SUMP		
PHT = PUMP HOUSE AND TANK	TK = TANK		
OT1 = OUTSIDE TANK 1	BW = BRICK WALL		
OT2 = OUTSIDE TANK 2	CW = CONCRETE WALL		
	MD = METAL WALL		
	SW = SHEETROCK WALL		
	SS = STRUCTURAL WALL		
	WW = WOOD WALL		
	WC = WOOD CEILING		
	WS = WOOD SUPPORT		

1BH-CF-CHWP-024 — SAMPLE IDENTIFICATION NUMBER
PCBs (mg/kg): 28 — CONCENTRATION

ND: SAMPLE DID NOT CONTAIN THE ANALYZED COMPOUND AT CONCENTRATIONS GREATER THAN THE LABORATORY DETECTION LIMIT

EXAMPLE:

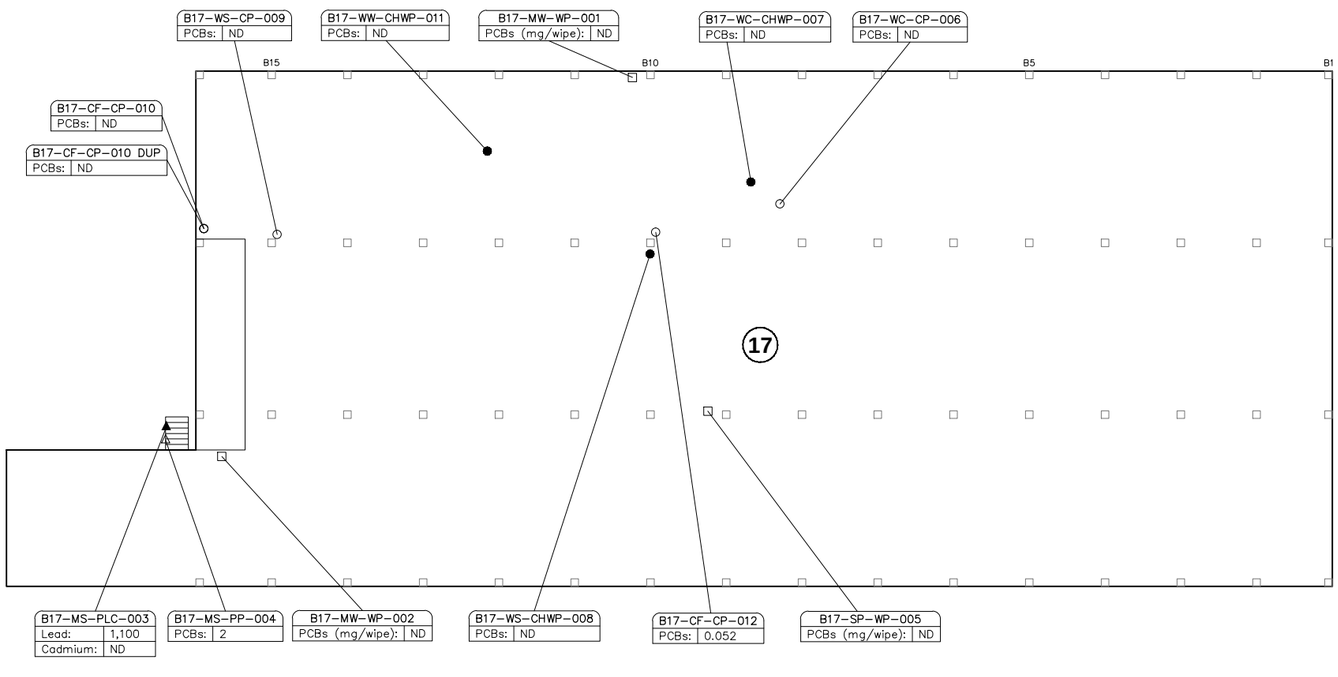
1BH-WW-CP-035
- SAMPLE LOCATION NUMBER
- SAMPLE TYPE
- SAMPLE MATRIX
- SAMPLING AREA
- SYMBOL OF SAMPLE TYPE

SAMPLE LEGEND:

- □ WIPE SAMPLE FOR TOTAL PCB ANALYSIS
- ■ BULK SAMPLE FOR TOTAL PCB ANALYSIS
- △ PAINT CHIP SAMPLE FOR TOTAL PCB ANALYSIS
- ▲ PAINT CHIP SAMPLE FOR TOTAL LEAD AND CADMIUM ANALYSIS
- ○ FULL DEPTH CORE FOR TOTAL PCB ANALYSIS
- ● FULL DEPTH CORE FOR FEDERAL AND CA HAZARDOUS WASTE CHARACTERIZATION AND TOTAL PCB ANALYSIS

LEGEND:

(9) BUILDING NUMBER



NOTES:

1. DRAWING WAS PREPARED BASED ON GEOSYNTEC DRAWING TITLED "TRICHLOROETHENE IN GROUNDWATER", GENERAL ELECTRIC CO., OAKLAND CA. THE DRAWING HAS BEEN MODIFIED BASED ON VISUAL OBSERVATIONS MADE BY ARCADIS ON SEPTEMBER 10 AND 11, 2008.
2. ALL FEATURES, DIMENSIONS AND LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE AND/OR ACCURATE.
3. SAMPLE B17-WW-CHWP-011 IS A CONCRETE FLOOR SAMPLE. SAMPLE ID WAS LOGGED IN INCORRECTLY BY LABORATORY.
4. WASTE CHARACTERIZATION RESULTS ARE INCLUDED IN TABLE 1D OF THIS PHASE 1 BUILDING ASSESSMENT REPORT.
5. CONCENTRATIONS ARE IN mg/kg UNLESS OTHERWISE NOTED.

0 20' 40'
GRAPHIC SCALE

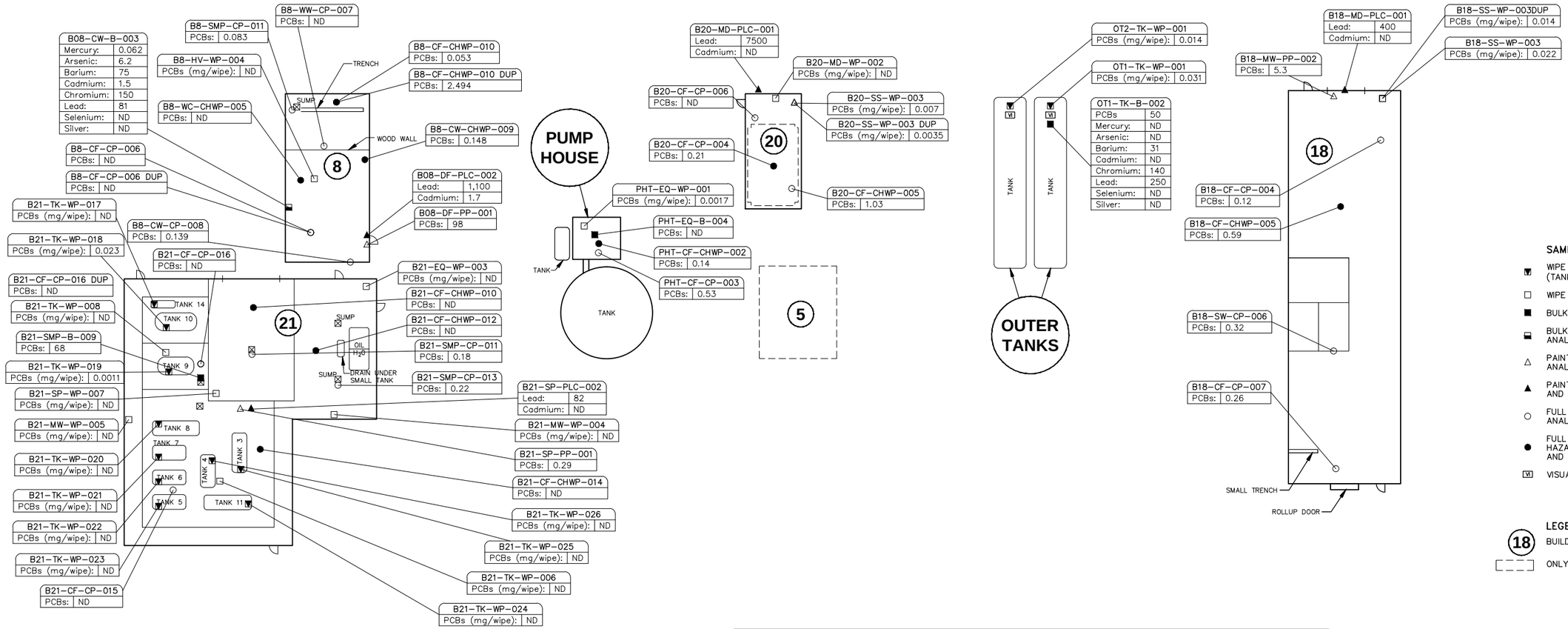
GENERAL ELECTRIC COMPANY
54411 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA
PHASE I BUILDING ASSESSMENT REPORT

SAMPLE LOCATION MAP PCB AND LEAD/CADMIUM IN PAINT BUILDINGS 9 AND 17

ARCADIS

FIGURE
6

CITY: SYRACUSE DIV/GROUP: ENV/141 DB: BKD KEW LD: PIC: PM: TM: LYR:ON=*;OFF=*REF*
G:\GEENVCAD\SYRACUSE\ACT\NB0031045\0000\00004\PHASEIBAR\31045G05.dwg LAYOUT: 6 SAVED: 3/5/2013 5:20 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/5/2013 5:20 PM BY: DECLERCQ, BRIAN
XREFS: 31045X00 IMAGES: PROJECTNAME: ----



SAMPLE DESIGNATION SYSTEM

SAMPLING AREA	SAMPLE MATRIX	SAMPLE TYPE	LOCATION NUMBER
1BH = BUILDING 1 HIGH BAY	BD = BULK DEBRIS	CHWP = CORE–HAZARDOUS WASTE CHARACTERIZATION AND PCB	001, 002, 003, 004 ETC.
1B1 = BUILDING 1 OFFICE AREA 1ST FLOOR	CR = CRANE OIL	CP = CORE PCB	
1B2 = BUILDING 1 OFFICE AREA 2ND FLOOR	DF = DOOR FRAME	PLC = LEAD/CADMIUM PAINT	
B2 = BUILDING 2	EQ = EQUIPMENT	PP = PCB PAINT	
B4 = BUILDING 4	CF = CONCRETE FLOOR	WP = WIPE PCB	
B8 = BUILDING 8	WF = WOOD FLOOR		
B9 = BUILDING 9	GW = GLASS WINDOW		
B17 = BUILDING 17	HV = HVAC SYSTEM		
B18 = BUILDING 18	MP = METAL PANEL		
B20 = BUILDING 20	SP = STEEL PIPE		
B21 = BUILDING 21	SMP = SUMP		
PHT = PUMP HOUSE AND TANK	TK = TANK		
OT1 = OUTSIDE TANK 1	BW = BRICK WALL		
OT2 = OUTSIDE TANK 2	CW = CONCRETE WALL		
	MD = METAL WALL		
	SW = SHEETROCK WALL		
	SS = STRUCTURAL WALL		
	WW = WOOD WALL		
	WC = WOOD CEILING		
	WS = WOOD SUPPORT		

1BH–CF–CHWP–024 — SAMPLE IDENTIFICATION NUMBER
PCBs (mg/kg): 28 — CONCENTRATION

ND: SAMPLE DID NOT CONTAIN THE ANALYZED COMPOUND AT CONCENTRATIONS GREATER THAN THE LABORATORY DETECTION LIMIT

EXAMPLE:

1BH–WW–CP–035
- 1BH — SAMPLING AREA
- WW — SAMPLE MATRIX
- CP — SAMPLE TYPE
- 035 — SAMPLE LOCATION NUMBER
- 1 — SYMBOL OF SAMPLE TYPE

NOTES:

1. DRAWING WAS PREPARED BASED ON GEOSYNTEC DRAWING TITLED "TRICHLOROETHENE IN GROUNDWATER", GENERAL ELECTRIC CO., OAKLAND CA. THE DRAWING HAS BEEN MODIFIED BASED ON VISUAL OBSERVATIONS MADE BY ARCADIS ON SEPTEMBER 10 AND 11, 2008.
2. ALL FEATURES, DIMENSIONS AND LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE AND/OR ACCURATE.
3. WASTE CHARACTERIZATION RESULTS ARE INCLUDED IN TABLE 1D OF THIS PHASE 1 BUILDING ASSESSMENT REPORT.
4. CONCENTRATIONS ARE IN mg/kg UNLESS OTHERWISE NOTED.

0 20' 40'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
54411 INTERNATIONAL BLVD., OAKLAND, CALIFORNIA
PHASE I BUILDING ASSESSMENT REPORT

SAMPLE LOCATION MAP PCB AND LEAD/CADMIUM IN PAINT BUILDINGS 8, 18, 20, 21, PUMP HOUSE, AND OUTER TANKS

ARCADIS

FIGURE 7

CITY: SYRACUSE DIV/GROUP: ENV/141 DB: BKD KEW LAF LD: PIC: PM: TM: LYR:ON=*;OFF=*REF*
G:\GE\ENVCAD\SYRACUSE\ACTIV\B0031045\00000\00004\PHASE\BAR\31045G06.dwg LAYOUT: 7 SAVED: 3/5/2013 5:21 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/5/2013 5:21 PM BY: DECLERCQ, BRIAN
XREFS: 31045X00 IMAGES: PROJECTNAME: ----

ARCADIS

Appendix A

Photo Log of Visible Site Features

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

East Corner,
Exterior
Building 1

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Southeast Wall, Exterior Building 1

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Southeast Wall, Exterior Building 1

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Interior, Facing Northeast Wall
Building 1

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Secondary Containment, Interior Building 1

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Loading Area, Southwest Interior Wall Building 1

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Sump, Northwest Area, Interior Building 1

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Secondary Containment, Middle Interior of Building 1

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Office Area, East Interior Corner, First Floor Building 1

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Building 1 Sprinkler System for East End and Office Area

General Electric Company East 14th Street Facility Oakland, California	
Visual Assessment Photo Log	
ARCADIS *Infrastructure, environment, buildings*	**Fire Hydrant, South of Building 1**

General Electric Company East 14th Street Facility Oakland, California	
Visual Assessment Photo Log	
ARCADIS *Infrastructure, environment, buildings*	**Building 1 Fire Hoses, West End A & D Bays**

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Building 1
Sprinklers for
West End and
Machine Shop

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Northwest
Exterior Wall
Building 2

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Northeast Exterior Wall
Building 2

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

East Exterior Corner, Deformed Wall
Building 2

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Building 2 West End Sprinkler System

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Building 2 East End Sprinkler System

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Southeast
Exterior Wall
Building 4

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

South Exterior Corner Building 4

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Interior Office Trailers
Southwest Wall
Building 4

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Interior Building 4
Facing North
Corner

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Building 4
Closed Sprinkler System

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Northeast Exterior Wall
Building 8

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Wooden Divider Wall, Interior Facing Northwest Building 8

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

East Interior Corner, Building 8

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

White Powdery Substance, South East Interior Wall Building 8

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

South Interior Corner, Building 8

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Sprinkler System, Building 8

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

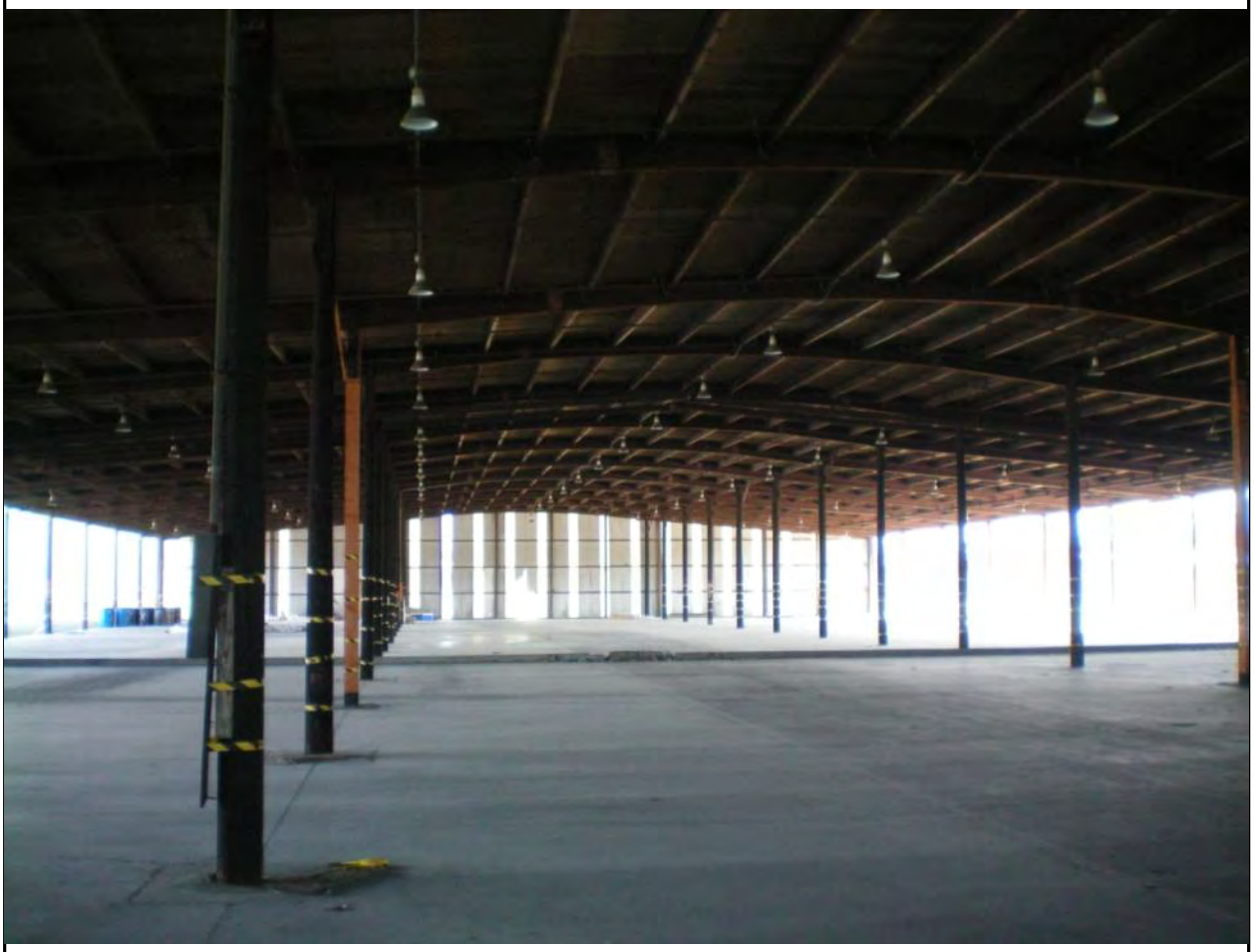
Loading Dock, South Exterior Corner Building 17

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Building 17 Wood Columns, Interior Facing South



General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Building 17
Interior Frame
Facing Northeast

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Square Wooden Column
Building 17

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Circular Wooden Column
Building 17

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

West End Sprinklers and Fire Hose System Building 17

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

East End
Sprinkler System
Building 17

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

North Exterior Corner Building 18

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Northwest
Exterior Wall
Building 18

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Building 18
Interior Facing
Southeast

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Sprinkler System
Building 18

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Sprinkler System Along Northeast Exterior Wall Building 18

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

North Exterior Corner Building 20

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Interior Secondary Containment Facing Northwest Building 20

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Interior Secondary Containment Facing Southeast Building 20

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Staining Along Northeast Interior Wall
Building 20

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Sprinkler System Along Southwest Exterior Wall Building 20

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Northwest Exterior Wall, Building 21

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

North Interior Corner Building 21

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Oil and Water Separator Building 21

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Oil and Water Separator Drainage Sump Building 21

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Chemical Mixing Drum
Building 21

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Inside Chemical Mixing Drum Building 21

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Storage Tanks
Building 21

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Sump in Secondary Containment for Storage Tanks Building 21

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Equipment along Northeast Interior Wall
Building 21

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Former Exterior Oil Storage Tanks, Southeast of Building 1 Miscellaneous Features

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Secondary Containment Northeast of Building 21 Miscellaneous Features

General Electric Company East 14th Street Facility Oakland, California	
Visual Assessment Photo Log	
ARCADIS *Infrastructure, environment, buildings*	**Railroad Loading Area along Northwest Side of Building 2 Miscellaneous Features**

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

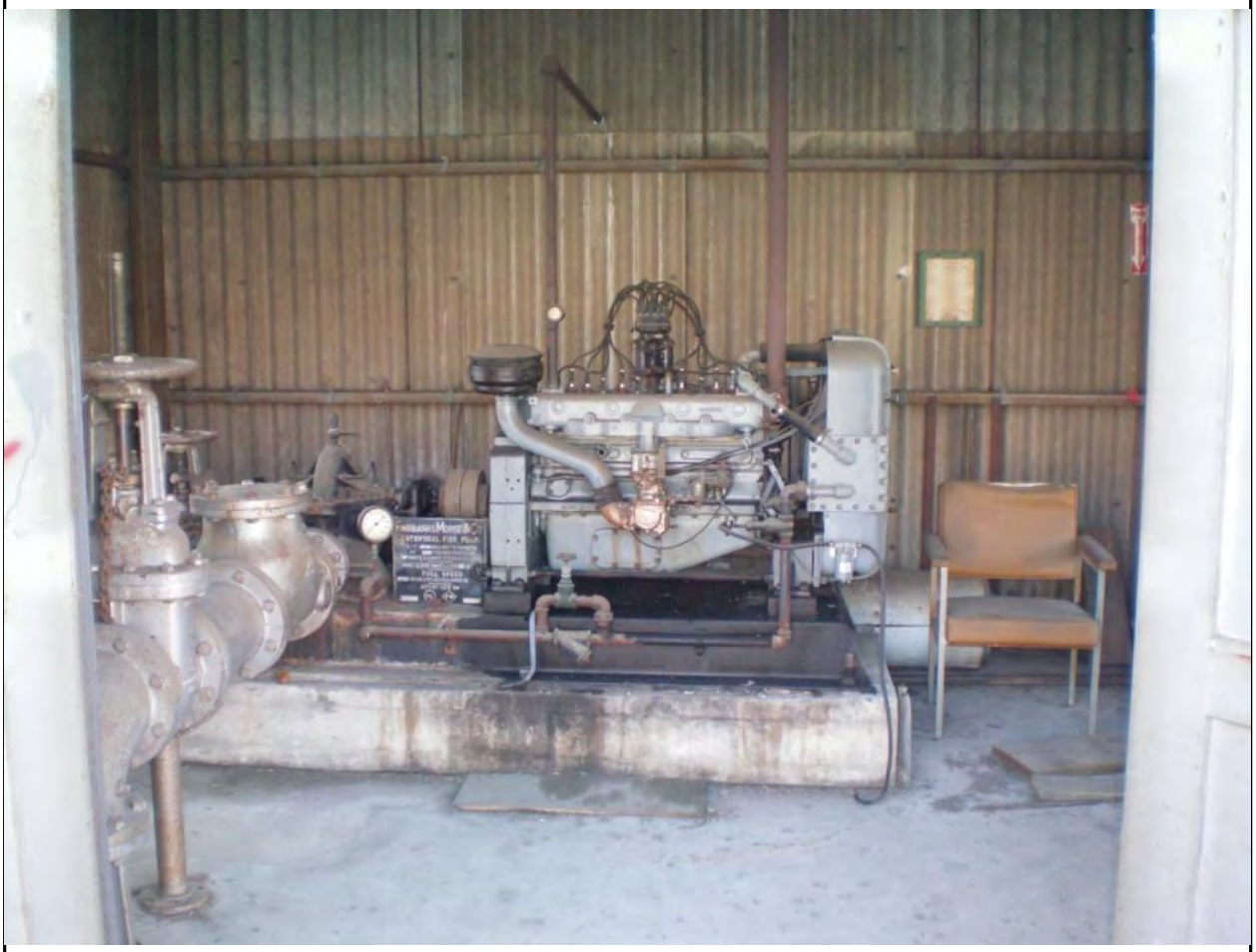
North view of Pump House and Water Tank

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Pipe Connecting Pump to Water Tank
Southwest view



General Electric Company East 14th Street Facility Oakland, California	
Visual Assessment Photo Log	
ARCADIS *Infrastructure, environment, buildings*	**Water Pump for Pump House and Water Tank**

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Residue on Water Pump in Pump House and Water Tank

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Pipe Connecting Pump to Water Tank, Interior

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log

ARCADIS
Infrastructure, environment, buildings

Emergency Fire Pump Division Valve for Pump House and Water Tank

ARCADIS

Appendix B

Historical File Index

Table XX

Phase I Pre-Demolition Building Assessment Report
File Log

General Electric Company
East 14th Street Facility
Oakland, California

Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
3	33	1980-1982	not stated	Brown & Caldwell	General Construction Information	3495-0117.1		x		
3	40	not stated	not stated	Brown & Caldwell	Maps	3495-0121		x		
3	50	1992	August	Dames & Moore	Building 1 Closure Plan	3495-0125.1		x		
3	51	1992	August	Dames & Moore	Building 2 Closure Plan	3495-0125.2		x		
3	52	1992	September	Dames & Moore	Building 3 Closure Plan	3495-0125.3		x		
4	1	1997	not stated	Geomatrix	As built Drawings, 1997 Site Inspection of GE Oakland	3495J folder		x		
6	5	1999	Feb. & April	Brown & Caldwell	Wipe Sampling Analytical Reports	3495-1025		x		
7	43	not stated	not stated	Geomatrix	Photos	3495-1756.1		x		
30	14	not stated	not stated	Brown & Caldwell	Tank Farm Bldg., bottom plan, & roof plan - drawings	not stated		x		
1	7	1996	not stated	Brown & Caldwell	Historical info (1920s) from Oakland library	3495-0026			x	
1	10	1980-1995	not stated	not stated	DTSC files from 1980 - 1995	3495-0023			x	
2	69	1980	November	Brown & Caldwell	Tank Farm Demolition Specifications	3495-0111.11	Part of Reports - Oakland 1992 Folder		x	
2	70	1992	January	Brown & Caldwell	Draft Closure Report	3495-0112	Part of Reports - Oakland 1992 Folder		x	
3	12	1987	not stated	Brown & Caldwell	USTs	3495-0115.1	Part of DTSC Correspondence EPA, PHS		x	
3	18	1983	not stated	Brown & Caldwell	Sewer Sampling	3495-0116.2			x	
3	22	not stated	not stated	Brown & Caldwell	Interim Report, Phase II Study, Figures 672-36/1	not stated			x	
3	28	1984	not stated	Brown & Caldwell	Oil/Water/Soilds Separator	3495-0116.6	Part of Extraction System Data		x	
3	29	1981	not stated	Brown & Caldwell	Oil/Water/Soilds Separator	3495-0116.6	Part of Extraction System Data		x	
3	38	1995	December	Brown & Caldwell	Vista Search Site Assessment Plus Report	not stated			x	
3	39	not stated	not stated	Brown & Caldwell	PCB Usage History	3495-0120			x	
3	44	not stated	not stated	Brown & Caldwell	Spill Areas	3495-0121	Part of Maps		x	
3	47	not stated	not stated	Brown & Caldwell	Aparatus Service Shop	3495-0121	Part of Maps		x	
3	49	not stated	not stated	Brown & Caldwell	Phase II Report Draft	3495-0120.2			x	
5	19	2002	29-Apr	Geomatrix	Photos	3495-0650.3			x	
5	39	1992	April	Geomatrix	Closure Plan Oil/Water Separator	3495-1010			x	
5	40	1997	July	Geomatrix	Photos	3495-1010.2			x	
5	41	1997	October	Geomatrix	Closure of Conditionally Exempt Treatment Unit	3495-1010.3			x	
5	42	1993	July	Geomatrix	Analytical Results	3495-1010.4			x	
5	47	1998	6-Jan	Geomatrix	Analytical Reports	3495-1020.2			x	
6	7	1997	25-Nov	Geomatrix	Field Notes, Photos, and Analytical Results	3495-1030.1			x	
6	8	1996	November	Geomatrix	Sandblast Material - Building 1	3495-1030.2			x	
6	9	1999	21-Jan	Geomatrix	Analytical Results	3495-1040.1			x	
6	10	not stated	not stated	Geomatrix	Building pits prior to gravel placement photos	3495-1050			x	
6	11	1997	not stated	Geomatrix	Soild Disposal Fiasco Fieldnotes, Correspondence, Analytical	3495-1055			x	

Table XX

Phase I Pre-Demolition Building Assessment Report
File Log

General Electric Company
East 14th Street Facility
Oakland, California

Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
6	31	2000	19-May	Geomatrix	Utilities Map	3495-1402			x	
9	20	2000	November	Geomatrix	Building demolition	3495.2102			x	
9	21	2001	May	Geomatrix	Field notes & Analytical from bldg. 21 tanks	3495.2201	*		x	
13	5	1989-1996	not stated	Brown & Caldwell	Fram Separator Analytical Results	4961-03/2			x	
15	13	1987	July	Brown & Caldwell	Cleaning procedure for oil-water separator	672-97/1	Field notes & correspondence long term assistance		x	
15	14	1986	October	Brown & Caldwell	Project closure UST	672-97/1	Field notes & correspondence long term assistance		x	
15	21	1984	not stated	Brown & Caldwell	Oil/Water/Soilds Separator	672-97/2			x	
15	35	1982	February	Brown & Caldwell	Steam cleaning report	672-96/4			x	
16	20	not stated	not stated	Brown & Caldwell	Mechanical design polymer mixing tank T1, Polymer feed system calculations, Polymer mixer PM1, Oil/Water/Solids separator	672-66/5			x	
16	26	1981	8-Jun	Brown & Caldwell	Summary of discussion on Tank Farm building construction	672-53/3			x	
16	32	1981	14-Apr	Brown & Caldwell	Tank Farm assessment lab results	672-56/2			x	
18	10	1981	May	Brown & Caldwell	Phase II GE report (interim)	672-36/1	oversize figures		x	
18	11	1981	June	Brown & Caldwell	Phase II study	672-36/6	oversize figures		x	
19	33	1981	March	Brown & Caldwell	Tank Farm lab data	672-10/3			x	
19	34	1980	December	Brown & Caldwell	Tank Farm - piping	672-10/4			x	
23	5	not stated	not stated	Brown & Caldwell	Site plan existing, abandoned, and removed piping	not stated	Oversize figures folder		x	
30	15	not stated	not stated	Brown & Caldwell	Process mechanical schematic - drawings	not stated			x	
30	17	not stated	not stated	Brown & Caldwell	Site plan, existing, abandoned, and removed piping - map	not stated			x	
30	18	not stated	not stated	Brown & Caldwell	Tank Farm map	not stated			x	
31	13	1981	May	Brown & Caldwell	Draft Phase II report	not stated			x	
1	1	2000	not stated	Geomatrix	1st Quarter GW Monitoring Report	3495-1803.2 Report				
1	2	1996	not stated	Brown & Caldwell	Summary of Long-Term Monitoring Program 1982 to 1995	3495-0105				
1	3	1996	not stated	Brown & Caldwell	Internal correspondence	3495-0103				
1	4	1996	not stated	Brown & Caldwell	Well development logs: General Monitoring Well Information	3495-0029				
1	5	1996	not stated	Brown & Caldwell	Topo map	3495-0028				
1	6	1996	not stated	Brown & Caldwell	Tax accessor parcel map	3495-0027				
1	8	1996	not stated	Geomatrix	Monthly summary July to Sept 1999	3495-0025				
1	9	1996	not stated	Brown & Caldwell	Newspaper articles	3495-0024				
1	11	not stated	not stated	not stated	RCRA Status Documents	3495-0022				
1	12	not stated	not stated	not stated	RCRA Status Documents: Survey info	3495-0021				
1	13	not stated	not stated	not stated	RCRA Status Documents: Photos from DW-2, DW-3 installation	3495-0020				

Table XX

Phase I Pre-Demolition Building Assessment Report
File Log

General Electric Company
East 14th Street Facility
Oakland, California

Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
1	14	1996-1999	not stated	not stated	RCRA Status Documents: Internal Memo and phone vonc. Records	3495-0014				
1	15	1999-2000	not stated	not stated	RCRA Status Documents: Alameda County Correspondence	3495-0013.8				
1	16	1980-1991	not stated	not stated	RCRA Correspondence	3495-0013.7				
1	17	not stated	not stated	Geomatrix	RCRA Correspondence: EBMUD correspondence with Geomatrix	3495-0013.6				
1	18	1980-1986	not stated	Brown & Caldwell	RCRA Correspondence: Brown and Caldwell Weekly Status Reports	no file or chron number				
1	19	1995-1996	not stated	Brown & Caldwell	RCRA Correspondence: Brown and Caldwell transmittals	3495-0013.5				
1	20	not stated	not stated	not stated	RCRA Correspondence: RWQCB correspondence	3495-0013.4				
1	21	not stated	not stated	not stated	RCRA Correspondence: DTSC correspondence	3495-0013.3				
1	22	not stated	not stated	not stated	RCRA Correspondence: Legal correspondence - file transfer	3495-0013.1				
1	23	not stated	not stated	Geomatrix/Brown & Caldwell	RCRA Correspondence: Geomatrix/Brown & Caldwell project transfer	3495-0013.2				
1	24	not stated	not stated	not stated	EBMUD Correspondence/Permit	4961-03/5				
1	25	1981	not stated	not stated	EBMUD wastewater discharge permit	672-64/5				
1	26	2004-2005	not stated	URS	URS Annual Stormwater Report	no file or chron number				
1	27	1997	not stated	Geomatrix	Geomatrix Stormwater Monitoring Plan	51-00270017.00				
1	28	2004	not stated	URS	URS Stormdrain figure / 2004 Annual Report	51-00270017.00				
1	29	not stated	not stated	URS	URS Stormdrain figure / 2004 Annual Report: Project Index File	3495-0455.2				
1	30	not stated	not stated	URS	URS Stormdrain figure / 2004 Annual Report: RWQCB orders and DHS consent order	3495-0011				
1	31	not stated	not stated	URS	Project file index	no file or chron number				
2	1	1981	October	Brown & Caldwell	Monthly & Quarterly Monitoring Rpts: Bi-Monthly Groundwater Monitoring	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	2	1982	March	Brown & Caldwell	Monthly Groundwater Monitoring Report	3495.0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	3	1982	May	Brown & Caldwell	Monthly Groundwater Monitoring Report	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	4	1982	June	Brown & Caldwell	Groundwater Monitoring Report	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	5	1982	July	Brown & Caldwell	Groundwater Monitoring Report	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	6	1982	August	Brown & Caldwell	Groundwater Monitoring Report	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	7	1982	September	Brown & Caldwell	Groundwater Monitoring Report	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			

Table XX

Phase I Pre-Demolition Building Assessment Report
File Log

General Electric Company
East 14th Street Facility
Oakland, California

Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
2	8	1982	October	Brown & Caldwell	Submittal to State of CA Groundwater Monitoring Report	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	9	1982	December	Brown & Caldwell	Submittal to State of CA Groundwater Monitoring Report	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	10	1982	Nov & Dec	Brown & Caldwell	Computer Tables of Nov and Dec 1982 GroundwaterMonitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	11	1983	Jan - March	Brown & Caldwell	Site Groundwater Monitoring Jan to Mar 1983	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	12	1983	April - June	Brown & Caldwell	Site Groundwater Monitoring April to Jun 1983	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	13	1983	July - Sept	Brown & Caldwell	Site Groundwater Monitoring July to Sept 1983	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	14	1983	Oct - Dec	Brown & Caldwell	Site Groundwater Monitoring Oct to Dec 1983	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	15	1984	Jan - March	Brown & Caldwell	Site Groundwater Monitoring Jan to Mar 1984	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	16	1984	April - June	Brown & Caldwell	Site Groundwater Monitoring April to Jun 1984	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	17	1984	July - Sept	Brown & Caldwell	Site Groundwater Monitoring July to Sept 1984	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	18	1984	Oct - Dec	Brown & Caldwell	Site Groundwater Monitoring Oct to Dec 1984	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	19	1985	Apr - June	Brown & Caldwell	Site Groundwater Monitoring April to Jun 1985	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	20	1985	July - Sept	Brown & Caldwell	Site Groundwater Monitoring July to Sept 1985	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	21	1985	Oct - Dec	Brown & Caldwell	Site Groundwater Monitoring Oct to Dec 1985	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	22	1986	Oct - Dec	Brown & Caldwell	Letter on Groundwater Monitoring	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	23	not stated	not stated	Brown & Caldwell	Soil PCB Data	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	24	1998	not stated	Brown & Caldwell	4th Quarter 1998 Monitoring Results & Summary of Long Term Monitoring Program 1982 - 1988	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	25	1989	not stated	Brown & Caldwell	1989 1st Quarter PCB Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	26	1989	not stated	Brown & Caldwell	1989 2nd Quarter PCB Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	27	1989	August	Brown & Caldwell	Analytical Sample Results Aug 1989	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	28	1989	not stated	Brown & Caldwell	3rd Quarter PCB Monitoring Results Letter	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	29	1989	not stated	Brown & Caldwell	4th Quarter 1989 PCB Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	30	1990	not stated	Brown & Caldwell	1st Quarter PCB Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	31	1990	not stated	Brown & Caldwell	3rd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			

Table XX

Phase I Pre-Demolition Building Assessment Report
File Log

General Electric Company
East 14th Street Facility
Oakland, California

Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
2	32	1990	not stated	Brown & Caldwell	4th Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	33	1991	not stated	Brown & Caldwell	1st Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	34	1991	not stated	Brown & Caldwell	2nd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	35	1991	not stated	Brown & Caldwell	3rd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	36	1991	not stated	Brown & Caldwell	4th Quarter Review Long-Term Monitoring Program	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	37	1991	not stated	Brown & Caldwell	4th Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	38	1992	not stated	Brown & Caldwell	1st Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	39	1992	not stated	Brown & Caldwell	2nd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	40	1992	not stated	Brown & Caldwell	3rd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	41	1992	not stated	Brown & Caldwell	4th Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	42	1993	not stated	Brown & Caldwell	1st Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	43	1993	not stated	Brown & Caldwell	2nd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	44	1993	not stated	Brown & Caldwell	3rd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	45	1993	not stated	Brown & Caldwell	4th Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	46	1994	not stated	Brown & Caldwell	1st Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	47	1994	not stated	Brown & Caldwell	2nd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	48	1994	not stated	Brown & Caldwell	3rd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	49	1992	June	Brown & Caldwell	Ten Year Operation , Maintenance, and Monitoring Report	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	50	1982-1993	not stated	Brown & Caldwell	Summary of Long-Term Monitoring Program 1982 to 1993	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	51	1982-1994	not stated	Brown & Caldwell	Summary of Long-Term Monitoring Program 1982 to 1994	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	52	1994	not stated	Brown & Caldwell	3rd Quarter Review of Long-Term Monitoring Program	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	53	1995	not stated	Brown & Caldwell	1st Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	54	1995	not stated	Brown & Caldwell	2nd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	55	1995	not stated	Brown & Caldwell	3rd Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			

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File Log

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Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
2	56	1980	July - Aug	Brown & Caldwell	Status Report #16, July 8 to August 8, 1980, Phase Ib	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	57	1990	not stated	Brown & Caldwell	Letter, Status of Well 506	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	58	1983	October	Brown & Caldwell	Letter, Groundwater Sampling Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	59	1995	not stated	Brown & Caldwell	4th Quarter Monitoring Results	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	60	1982-1984	not stated	Brown & Caldwell	Summary Long-Term Monitoring Program 1982-1984	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	61	1982	March	Brown & Caldwell	Progress Reports to GE, Monthly Monitoring Report	3495-0110.1	Part of GE Qtr Rpts Folder. All B&C.			
2	62	1981-1995	not stated	Brown & Caldwell	DHS/DTSC Quarterly Meeting Notes	3495-0110.2	Part of Reports - Oakland 1992 Folder			
2	63	1981-1995	not stated	Brown & Caldwell	CA State Meeting Notes	3495-0110.2	Part of Reports - Oakland 1992 Folder			
2	64	1997	September	Geomatrix	subfolder to CA State Meeting Notes: Site HASP	3495-0110.2	Part of Reports - Oakland 1992 Folder			
2	65	1980	not stated	Brown & Caldwell	Immediate Correction Plan	3495-0111.6	Part of Reports - Oakland 1992 Folder			
2	66	1982	April	Brown & Caldwell	Cleanup and Containment of PCBs -- A Success Story	3495-0111.7	Part of Reports - Oakland 1992 Folder			
2	67	1993	not stated	Brown & Caldwell	Stormwater Pollution & Prevention Plan 1993	3495-0111.9	Part of Reports - Oakland 1992 Folder			
2	68	1993	not stated	Brown & Caldwell	Stormwater Monitoring Plan 1993	3495-0111.10	Part of Reports - Oakland 1992 Folder			
2	71	1995	not stated	Brown & Caldwell	Evaluation of PCB Minimization Alternatives	3495-0111.8	Part of Reports - Oakland 1992 Folder			
3	1	1983	April	Brown & Caldwell	JRB Case Study of Clean-up (Site Review)	3495-0112.1				
3	2	1982-1984	not stated	Brown & Caldwell	Long Term Monitoring Summaries	3495-0113.1				
3	3	1982-1984	not stated	Brown & Caldwell	Summary Long-Term Monitoring Program 1982-1984	3495-0113.1	Part of Long Term Monitoring Summaries			
3	4	1982	not stated	Brown & Caldwell	Monitoring	3495-0113.1	Part of Long Term Monitoring Summaries			
3	5	1982-1995	not stated	Brown & Caldwell	Summary Long Term Monitoring Program	3495-0113.1	Part of Long Term Monitoring Summaries			
3	6	1995	not stated	Brown & Caldwell	3rd Quarter 1995 Monitoring Results	3495-0113.2				
3	7	1993	not stated	Brown & Caldwell	4th Quarter Meeting Notes	3495-0113.2				
3	8	1980	March	Brown & Caldwell	Log of Backhoe Trench 31	3495-0114.3				
3	9	1980-1994	not stated	Brown & Caldwell	DTSC Correspondence EPA, PHS	3495-0115.3				
3	10	1994	not stated	Brown & Caldwell	Five Line Replacement	3495-0115.1	Part of DTSC Correspondence EPA, PHS			
3	11	1993	not stated	Brown & Caldwell	Water Supply Pipeline Installation	3495-0115.1	Part of DTSC Correspondence EPA, PHS			
3	13	1994	not stated	Brown & Caldwell	Gas Pipeline Repair	3495-0115.1	Part of DTSC Correspondence EPA, PHS			

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3	14	1994	not stated	Brown & Caldwell	Hazardous Waste Manifest	3495-0115.1	Part of DTSC Correspondence EPA, PHS			
3	15	1980-1995	not stated	Brown & Caldwell	Incoming Correspondence-DHS & RWQCB	3495-0115.2				
3	16	1989-1995	not stated	Brown & Caldwell	EBMUD Permits and Regulations	3495-0116.2				
3	17	1990-1995	not stated	Brown & Caldwell	Discharge Reports B&C, and Discharge Permits	3495-0116.2				
3	19	1982	not stated	Brown & Caldwell	Waste Discharge Results	3495-0116.3				
3	20	2002	April	Geomatrix	Remedial Investigation Report, Vol II, Appendix C: Lithologic and CPT Logs	not stated				
3	21	1997	February	Fremont Engineers	Floppy Disk with CADD figure, topographic survey	3495-0021				
3	23	1980	April	Brown & Caldwell	Aerial Photos of Site	not stated				
3	24	1981-1997	not stated	Brown & Caldwell	Bay Area Air Quality Management District Permits and Correspondence	3495-0116.4				
3	25	1981	December	Brown & Caldwell	Immediate Correction Plan Operations and Maintenance Manual	3495-0116.5				
3	26	not stated	not stated	Brown & Caldwell	Extraction System Data	3495-0116.6				
3	27	not stated	not stated	Brown & Caldwell	A Guide to Understanding the Treatment of Oily Wastewater	3495-0116.6	Part of Extraction System Data			
3	30	1981	not stated	Brown & Caldwell	PCB Analysis of Drums	3495-0116.6	Part of Extraction System Data			
3	31	1981	November	Brown & Caldwell	results of Pumping and Fluid Level Recovery in Monitoring Wells Adjacent to French Drain	3495-0116.6	Part of Extraction System Data			
3	32	1984-1990	not stated	Brown & Caldwell	System Operation Summaries	3495-0116.7				
3	34	1989	December	Brown & Caldwell	PCB Volumes Estimate	3495-0117.2				
3	35	1981	not stated	Brown & Caldwell	Stormwater Figures	3495-0118.1				
3	36	1996	not stated	Brown & Caldwell	Synopsis of Findings Regarding Potential Sources for TCE in Subsurface	3495-0119.1				
3	37	1980-1983	not stated	Brown & Caldwell	Neighboring Site Information	3495-0119				
3	41	1975	June	Brown & Caldwell	Plot Plan June 26, 1975	3495-0121	Part of Maps			
3	42	1980	August	Brown & Caldwell	Topographic Site Plan August 20, 1980	3495-0121	Part of Maps			
3	43	not stated	not stated	Brown & Caldwell	Oil Plume Control Area	3495-0121	Part of Maps			
3	45	not stated	not stated	Brown & Caldwell	Cross Sections	3495-0121	Part of Maps			
3	46	not stated	not stated	Brown & Caldwell	Plan View Flow Net and Shallow Groundwater Flow Regime	3495-0121	Part of Maps			
3	48	1981	April	Brown & Caldwell	PCB Shipment	3495-0120.1				
4	2	1996	May	Geomatrix	Transfer of Original Files to Geomatrix Consultants	not stated				
4	3	1996-2001	not stated	Geomatrix	Health and Safety Plans 1996-2001	3495-0200.1	The file number was not clear--possibly 3496-0206.1			
4	4	1990	not stated	Geomatrix	HASP	3495-0310				
4	5	1996	May	Geomatrix	Quality Assurance Project Plan	3495-0320				

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Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
4	6	1988	not stated	Geomatrix	Model 2700 Sampler Instruction Manual	3495-0410.1				
4	7	not stated	not stated	Geomatrix	Site Plan with TSS & PCB Concentrations	3495-0415.3				
4	8	1996	not stated	Geomatrix	Analytical Results and COC Records	3495-0451.1				
4	9	1997	May	Geomatrix	Fieldnotes, Stormwater: May 23, 1997	3495-0451.1				
4	10	1997-1998	not stated	Geomatrix	Fieldnotes	3495-0452.1				
4	11	1997	not stated	Geomatrix	Inspection Forms	3495-0452.2				
4	12	1998-1999	not stated	Geomatrix	Report for Stormwater Discharges	3495-0453				
4	13	1998-1999	not stated	Geomatrix	Field Notes	3495-0453.1				
5	1	1996	May	Geomatrix	VOC Investigation Work Plan	3495-0510.2				
5	2	1997	April	Geomatrix	Onsite VOC Investigation Report	not stated				
5	3	1996	not stated	Geomatrix	Field Notes	3495-0515.1				
5	4	1996-1997	not stated	Geomatrix	Drilling Permits	3495-0515.2				
5	5	1996	October	Geomatrix	Field Notes	3495-0520.1				
5	6	1996	October	Geomatrix	Soil Gas Sample Results Summary and Interphase	3495-0520.2	Statement of Qualifications			
5	7	1996	November	Geomatrix	Boring Log B-100	3495-0525.2				
5	8	1996-1997	not stated	Geomatrix	Field Notes	3495-0530.1				
5	9	1997	October	Geomatrix	Presentation of CPT Data (3 floppy discs)	3495-0530.2	CPT Logs			
5	10	1996-1997	not stated	Geomatrix	Field Notes	3495-0535.1				
5	11	1996	26-Dec	Geomatrix	Field Notes	3495-0550				
5	12	1996	18-Dec	Geomatrix	Appendix F - Laboratory Reports and Chain of Custody Documentation for Discrete-Depth Samples	?495-0540.1				
5	13	1996-1997	Nov-March	Geomatrix	Water Level Info	3495-0550				
5	14	1996	15-Jan	Geomatrix	Handwritten Notes	3495-0630	colored aerial photo site maps, marked up - Part of a Research Folder			
5	15	1996	15-Jan	Geomatrix	L+M Plating Investigation Water Well Drillers reports for CA	3495-0630	Map with surrounding sites usage - Part of a Research folder			
5	16	1996	14-May	Geomatrix	Water Well Survey	3495-0620				
5	17	1999	April	Geomatrix	Request for discharge of water	3495-0650.1				
5	18	1999	14-May	Geomatrix	Analytical Results	3495-0650.2				
5	20	1999	not stated	Geomatrix	Field Notes	3495-0630.4				
5	21	1996	not stated	Geomatrix	IQ Monitoring Results	3495-0710				
5	22	1997	29-Sep	Geomatrix	Well Summary	3495-0810				
5	23	1965	not stated	Geomatrix	Boring Logs and Cross Sections	3495-0810.1				
5	24	not stated	not stated	Geomatrix	Well Design Information	3495-0810.2				
5	25	1996	not stated	Geomatrix	Field Notes	3495-0815.1				
5	26	1996	17-Apr	Geomatrix	Analytical Results and COC Records	3495-0815.2				

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5	27	1996	not stated	Geomatrix	Water Levels and Potentiometric Surface Maps	3495-0817				
5	28	1997	June	Geomatrix	Revised Phase II VOC Investigation Work Plan	3493-0910.1				
5	29	1998	January	Geomatrix	Phase II VOC Investigation Report	not stated				
5	30	1997	not stated	Geomatrix	USA 97	3495-0915.1				
5	31	1997	not stated	Geomatrix	SOW for GMW CPT and permits for work	3495-0915.2				
5	32	1999	July	Geomatrix	Fieldnotes well sampling or development records	3495-0920.1				
5	33	1997	July	Geomatrix	Original boring logs	3495-0920.2				
5	34	1997	July	Geomatrix	Well completion reports	3495-0920.3				
5	35	1997	not stated	Geomatrix	Field Notes	3495-0925.1				
5	36	not stated	not stated	Geomatrix	Appendix E - Monitoring well sample analytical reports and COC records	3495-0930.1				
5	37	1998	January	Geomatrix	Phase II VOC Investigation Report	3495-0930.1				
5	38	1997	not stated	Geomatrix	Well Evaluation Analysis	3495-0930				
5	43	1997	April	Geomatrix	Project plan for sump closure	3495-1010.5				
5	44	1997	September	Geomatrix	Field Notes	3495-1015.1				
5	45	1997	December	Geomatrix	Soil Investigation and Handling and Trench Sample Analytical Results	3495-1015.2				
5	46	1997	Oct-Dec	Geomatrix	Field Notes	3495-1020.1				
6	1	1995	not stated	Brown & Caldwell	3D Figures: Permeable Zones 1995 Wells and more Permeable units A zone only	not stated				
6	2	1996	not stated	Brown & Caldwell	CPT Logs	not stated				
6	3	not stated	not stated	Brown & Caldwell	Appendix E - Boring B-100 Log	not stated				
6	4	1981-1982	1-Oct – 1-June	Brown & Caldwell	PCB Biodegradation Study Long term Mitigation Plan 1st Progress Report	3495-0122.3				
6	6	not stated	not stated	Brown & Caldwell	Photos of five boxes that were wipe tested	3495-1025.1				
6	12	1997	June	Geomatrix	Phone Conversation and Proposal for Design Services	3495-1111				
6	13	1999	6-Dec	Geomatrix	Design Info Communication	3495-1112				
6	14	1998	March	Geomatrix	Work Order SOW CPT	3495-1205				
6	15	1997-1998	July-April	Geomatrix	Field Notes	3495-1210.4				
6	16	1998	8-Jul	Geomatrix	Phase III VOC Investigation Report	3495-1215.1				
6	17	1998	July	Geomatrix	Phase III VOC Investigation Report Bound	3495-1215.2				
6	18	1999	11-Apr	Geomatrix	Access Correspondence	3495-1301				
6	19	1999	October	Geomatrix	Phase IV VOC Investigation Report	3495-1305.2				
6	20	1998	October	Geomatrix	Revised Phase II VOC Investigation Work Plan	3495-1306				
6	21	1999	16-Mar	Geomatrix	Additional Deep Investigation Plan	3495-1307				
6	22	1999	Apr-Sept	Geomatrix	Field notes, well completion logs	3495-1308				

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6	23	1999	not stated	Geomatrix	Boring logs, field notes 4-9	3495-1308.1				
6	24	1999	March	Geomatrix	Work orders	3495-1309				
6	25	1996, 2000	7/96 and 2/00	Geomatrix	HASP and Well Completion Reports	3495-1310				
6	26	1999	April	Geomatrix	Logs geophysics	3495-1312				
6	27	1999	April	Geomatrix	Analytical Results	3495-1325				
6	28	1999	October	Geomatrix	Phase IV VOC Investigation Report	not stated				
6	29	1997	June	Geomatrix	Revised Phase IV VOC Investigation work plan	not stated				
6	30	1998-1999	not stated	Geomatrix	Access Agreements	3495-1401				
6	32	2000	6-Jul	Geomatrix	Monitoring Well Survey Coordinates	3495-1407				
6	33	2000	May-June	Geomatrix	Field notes, boring logs	3495-1408				
6	34	2000	5-Jun	Geomatrix	Geophysics disk	3495-1410				
6	35	2000	September	Geomatrix	Phase V VOC Investigation Report	not stated				
6	36	2000	July	Geomatrix	Waste Handling Analytical Data	3495-1430				
6	37	1999	January	Geomatrix	Revised GW Monitoring Plan	3495-1502				
6	38	2000	February	Geomatrix	Request for change in revised GW monitoring plan letter	3495-1503				
7	1	1999	November	Geomatrix	Public Participation Plan	3495-1601				
7	2	2000	August	Geomatrix	Requests to Residents to conduct soil remodal activities	3495-1602				
7	3	1998, 2000	August	Geomatrix	Backyard sampling results notification	3495-1603				
7	4	2000	August	Geomatrix	Surrounding Property owner info and communication	3495-1604				
7	5	not stated	not stated	Geomatrix	Fig. with property notes	3495-1605				
7	6	2000	August	Geomatrix	Draft removal action work plan for backyards adjacent to site	3495-1606				
7	7	not stated	not stated	Geomatrix	Notes from public meeting with issue photos	3495-1610				
7	8	1999	May	Geomatrix	Soil Sampling Work Plan	3495-1710.01				
7	9	1999	Aug-Oct	Geomatrix	Field notes, analytical results soil adjacent	not stated				
7	10	1999	July	Geomatrix	Soil Sample Analytical results	3495-1710.3				
7	11	1999	August	Geomatrix	Soil Sampling Work Plan	3493-1711.01				
7	12	1999	August	Geomatrix	Additional soil sampling work plan	3495-1712.01				
7	13	1999	November	Geomatrix	Additional soil sample results	3495-1712.3				
7	14	2001	February	Geomatrix	Soil Sample Analytical results	3495-1713.02				
7	15	1999-2000	May-January	Geomatrix	Correspondence with DTSC	3495-1715.3				
7	16	1999	May	Geomatrix	Anaheim GE risk assessment	3495-1715.4				
7	17	1999	November	Geomatrix	Soil removal work plan	3495-1720				
7	18	1999	December	Geomatrix	Removal Action work plan	3495-1721				
7	19	2000	June	Geomatrix	Revised removal action work plan	3495-1722				
7	20	2000	August	Geomatrix	Final removal action work plan	3495-1723				
7	21	2000	August	Geomatrix	Final removal action work plan implementation version	3495-1723.1				

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Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
7	22	2000	not stated	Geomatrix	Field notes on soil removal	3495-1725				
7	23	2001	May	Geomatrix	Report of soil removal activities	3495-1750				
7	24	2001	May	Geomatrix	Original report of soil rmoval activities	3495-1750				
7	25	2000	October	Geomatrix	Field notes, photos memo	not stated	not in folder			
7	26	2000	October	Geomatrix	Air monitoring data graphs	3495-1726				
7	27	not stated	not stated	Geomatrix	Photos 7336 54th - GE Oakland	not stated				
7	28	not stated	not stated	Geomatrix	Photos 1304	not stated				
7	29	not stated	not stated	Geomatrix	Photos 1350	not stated				
7	30	not stated	not stated	Geomatrix	Photos/Drawings 1316 54th	not stated				x (unrelated)
7	31	not stated	not stated	Geomatrix	Photos/Drawings 1320 54th	not stated				x (unrelated)
7	32	not stated	not stated	Geomatrix	Photos/Drawings 1324 54th	not stated				x (unrelated)
7	33	not stated	not stated	Geomatrix	Photos/Drawings 1330 54th	not stated				x (unrelated)
7	34	not stated	not stated	Geomatrix	Photos/Drawings 1344 54th	not stated				x (unrelated)
7	35	not stated	not stated	Geomatrix	Photos/Drawings 1356 54th	not stated				x (unrelated)
7	36	not stated	not stated	Geomatrix	Photos/Drawings 1360 54th	not stated				x (unrelated)
7	37	not stated	not stated	Geomatrix	Photos, general activities, fence replacement	not stated				x (unrelated)
7	38	not stated	not stated	Geomatrix	Photos/Drawings 1312 54th	not stated				x (unrelated)
7	39	2000	9-Oct	Geomatrix	Photos	not stated				x (unrelated)
7	40	not stated	not stated	Geomatrix	Photos/Drawings 1370 54th	not stated				x (unrelated)
7	41	2000	9-Oct	Geomatrix	Photos	not stated				x (unrelated)
7	42	not stated	not stated	Geomatrix	Photos/Drawings 1308 54th	not stated				x (unrelated)
8	1	2001	7-Mar	Geomatrix	Field notes of offhawl	3495-1756.2				
8	2	2000	November	Geomatrix	Field notes of fencing	3495-1756.3				
8	3	2001	March	Geomatrix	Waste Manifest log & copies of manifest	3495.1756.4				
8	4	2000	August	Geomatrix	Stockpile sampling & results	3495-1756.5				
8	5	not stated	not stated	Geomatrix	Chemical Waste Management Correspondence	3495.1756.7				
8	6	1999	July	Geomatrix	Pesticide Follow-up result	3495.1757				
8	7	2000	September	Geomatrix	Access agreements w/residents for soil excavation	3495-1760				
8	8	2000	August	Geomatrix	Letter to residents	3495.1760.1				
8	9	not stated	not stated	Geomatrix	Residential follow-up	3495.1765				
8	10	2001	February	Geomatrix	Result letter to residents	3495-1765.1				
8	11	2002	May	Geomatrix	PDB Info	3495-1800.1				
8	12	2001	February	Geomatrix	General PDB info	3495.1800.1				
8	13	not stated	not stated	Geomatrix	PDB references	3495-1800.1.2				
8	14	1999	July	Geomatrix	Field note initial event	3495-1801				
8	15	1999	November	Geomatrix	Field notes	3495-1801.1				
8	16	1999	November	Geomatrix	Field notes from Quarterly sampling event	3495.1802.1				
8	17	2000	November	Geomatrix	Groundwater Monitoring Report 4th Q 1999	3495.1802.2	**			

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8	18	1999	October	Geomatrix	Initial Groundwater Monitoring Report & Field notes	3495.1803.1	**			
8	19	2000	June	Geomatrix	Field notes form GW sampling	3495.1805.1				
8	20	2000	October	Geomatrix	GW Monitoring Report 3rd Q 2000	3495.1805.2	**			
8	21	2000	August	Geomatrix	GW Monitoring Report 2nd Q 2000	3495-1804.2	**			
8	22	2001	January	Geomatrix	GW Monitoring Report 4th Q 2001	3495.1806.2	**			
9	1	2001	April	Geomatrix	GW Monitoring Report 1st Q '01 event	3495.1807.2	**			
9	2	2001	January	Geomatrix	Field notes for 1st Q '01 event	3495.1807.1				
9	3	2001	May	Geomatrix	Field notes for 2nd Q '01 event	3495.1808.1				
9	4	2001	August	Geomatrix	GW Monitoring Report April 1 through June '01	3495.1808.2	**			
9	5	2001	October	Geomatrix	Field notes	3495.1809.1				
9	6	2002	January	Geomatrix	GW Monitoring report July through December	3495.1810	**			
9	7	2002	June	Geomatrix	GW Monitoring report Jan through June	3495.1810.2	**			
9	8	1999	November	Geomatrix	Well Destruction Workplan - abandoned supply well	3495.1901	**			
9	9	2000	February	Geomatrix	Communications with Quaker Oats	3495.1902				
9	10	2000	June	Geomatrix	Access Agreement	3495.1903				
9	11	2000	May	Geomatrix	Field notes	3495.1904				
9	12	2000	July	Geomatrix	Permits	3495.1905				
9	13	2000	September	Geomatrix	Report of well destruction - Stokely Van Camp Well	3495.1906	**			
9	14	2001	June	Geomatrix	Shallow Soil and GW Inv. w/plan	3495.2001	**			
9	15	2001	September	Geomatrix	Field notes	3495.2002				
9	16	2001	October	Goresorber	Screening survey final report	3495.2003	*			
9	17	2001	September	Geomatrix	Draft Boring Logs & Gorbesorber Screening Report	3495.2004				
9	18	2001	October	Geomatrix	Shallow Soil and GW Inv. Report	3495.2003	**			
9	19	2001	August	Geomatrix	Internal correspondence	3495.2101				
9	22	2000	January	Geomatrix	NPDES Application stuff	3495.2210	*			
9	23	2001	July	Geomatrix	Waste Manifest	3495.2220				
10	1	2002	April	Geomatrix	Remedial Investigation Report, Vol II of II	not stated				
10	2	1999	28-Jan	Geomatrix	General Info, correspondence	3495-2401				
10	3	1998	December	Geomatrix	Well information, Welenco logs	3495-2405				
10	4	1998-1999	not stated	Geomatrix	Analytical Lap Reports	3495-2410				
10	5	not stated	not stated	Geomatrix	GW Contour map, hand drawn	3495-2415				
10	6	not stated	not stated	Geomatrix	IRM Evaluation	3495.2500	not in folder			
11	1	1912-1969	not stated	Brown & Caldwell	Site Maps	not stated	Large format plans, map view			
12	1	1981	20-Aug	Brown & Caldwell	Submittal - Rebar for catchbasins	not stated				
12	2	1981	August	Brown & Caldwell	Submittal - Inline mixer	not stated				
12	3	1981	August	Brown & Caldwell	Submittal - Honesredd 3-way valve	not stated				

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12	4	1981	August	Brown & Caldwell	Submittal - DeZuvit plug valves	not stated				
12	5	1981	August	Brown & Caldwell	Submittal - Waterman drainage & canal gate	not stated				
12	6	1981	August - Dec.	Brown & Caldwell	Box contains many more submittals	not stated	Contains submittals from 8/81 - 12/81: # 1 - 100			
12	7	1979-1980	not stated	Brown & Caldwell	Lab Data, well water samples	672-2/1				
12	8	1981	June	Brown & Caldwell	PCB Adsumption test	62-33/4				
12	9	1981	20-Aug	Brown & Caldwell	Lab Results	672-2/1				
12	10	1981	not stated	Brown & Caldwell	Meeting/Info Site Drainage/ Flood control	672-60				
12	11	1981	not stated	Brown & Caldwell	Design/Design calculations	672-66				
12	12	1981	May	Brown & Caldwell	From treatment unit	672-67				
12	13	not stated	not stated	Brown & Caldwell	Equipment	672-68				
12	14	not stated	not stated	Brown & Caldwell	Tank building inspection	672-86/16	Site maps, design drawings			
12	15	not stated	not stated	Brown & Caldwell	Contractor work plan, more drawings	672-86/23				
12	16	1981	September	Brown & Caldwell	Construction activity diagram	672-87/1				
12	17	not stated	not stated	Brown & Caldwell	Submittals	672-87/2				
12	18	1981	July	Brown & Caldwell	Immediate correction project	672-88/3	Drawings			
12	19	1981	June	Brown & Caldwell	Research & development program	672-90				
12	20	1981	July	Brown & Caldwell	Immediate correction project	672-90/19				
12	21	not stated	not stated	Brown & Caldwell	Hydromulch plan drawings	672-92/6				
13	1	11/89-10/95	11/89-10/95	Brown & Caldwell	GW Sampling & Analysis Analytical results	4961-02/1				
13	2	1990-1996	Jan - Jan	Brown & Caldwell	Water level measurements	4961-02/2				
13	3	1990	not stated	Brown & Caldwell	IQ Meeting notes	4961-02/5				
13	4	1990-1996	not stated	Brown & Caldwell	Lab Invoices	4961-02/6				
13	6	1990-1996	1/90-2/96	Brown & Caldwell	Aeration results	4961-03/3				
13	7	1990-1994	not stated	Brown & Caldwell	Air permit information	4961-03/4				
13	8	1991	not stated	Brown & Caldwell	Invoices PCB soil samples	4961-03/6				
13	9	1990-1996	not stated	Brown & Caldwell	Lab invoices	4961-03/7				
13	10	not stated	not stated	Brown & Caldwell	Project support, info, phone numbers, etc.	4961-04/1				
13	11	1992-1993	not stated	Brown & Caldwell	Project support	4961-04/2				
13	12	1994	not stated	Brown & Caldwell	Gas Pipeline Repair	4961-04/3	same folder			
13	13	1993	not stated	Brown & Caldwell	Water Supply Pipeline Installation	4961-04/3	same folder			
13	14	1991	not stated	Brown & Caldwell	PCB Removal	4961-04/3	same folder			
13	15	1994	not stated	Brown & Caldwell	Site closure project support	1964-04/4				
14	1	1981	August	Brown & Caldwell	Bidder Qualification	672-83/1				
14	2	1981	July	Brown & Caldwell	Bidder Qualification	672-83/2				
14	3	1981	June	Brown & Caldwell	Bidder Qualification & Selection	672-83/3				
14	4	1981	July	Brown & Caldwell	Immediate correction project	672-83/5				
14	5	1981	October	Brown & Caldwell	Prepurchase investigation	672-84/1				
14	6	1981	June	Brown & Caldwell	Construction safety guidelines	672-85/1				
14	7	1981	June	Brown & Caldwell	Construction safety guidelines	672-85/2				

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14	8	1981	May	Brown & Caldwell	Resident Engineering Services	672-86/1				
14	9	1981	May	Brown & Caldwell	Resident Engineering Services	672-86/2				
14	10	1981	May	Brown & Caldwell	Resident Engineering Services	672-86/3				
14	11	1981	May	Brown & Caldwell	Resident Engineering Services	672-86/4				
14	12	1981	September	Brown & Caldwell	Resident Engineering Services	672-86/5				
14	13	1981	October	Brown & Caldwell	Resident Engineering Services	672-86/6				
14	14	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/8				
14	15	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/9				
14	16	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/13				
14	17	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/14				
14	18	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/15				
14	19	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/16				
14	20	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/17				
14	21	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/18				
14	22	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/19				
14	23	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/25				
14	24	1981	August	Brown & Caldwell	Resident Engineering Services	672-86/26				
14	25	1982	August	Brown & Caldwell	Office Engineeering Services	672-87/1				
14	26	1981	not stated	Brown & Caldwell	French Drain Drawings	672-87/6	*			
14	27	1981	not stated	Brown & Caldwell	Addendums	672-88/3				
15	1	1981	November	Brown & Caldwell	Soil & Water, misc. lab services	672-91/2				
15	2	1981	September	Brown & Caldwell	Air analysis, misc. lab services	672-91/4				
15	3	1981	October	Brown & Caldwell	Wipe tests, misc. lab services	672-91/5				
15	4	1981	not stated	Brown & Caldwell	Soil analyses, PCBS, & Misc. lab services	672-91/7				
15	5	1989	November	Brown & Caldwell	Notification equipment start up	672-97/1	Field notes & correspondence long term assistance			
15	6	1989	September	Brown & Caldwell	Re-application wastewater discharge	672-97/1	Field notes & correspondence long term assistance			
15	7	not stated	not stated	Brown & Caldwell	Bench scale air stripping test of treated GW	672-97/1	Field notes & correspondence long term assistance			
15	8	1989	August	Brown & Caldwell	Request air discharge	672-97/1	Field notes & correspondence long term assistance			
15	9	not stated	not stated	Brown & Caldwell	Correspondence, permits	672-97/1	Field notes & correspondence long term assistance			
15	10	1988	February	Brown & Caldwell	Electric inspection & repair services	672-97/1	Field notes & correspondence long term assistance			
15	11	1988	February	Brown & Caldwell	Cleaning & painting services	672-97/1	Field notes & correspondence long term assistance			
15	12	1988	not stated	Brown & Caldwell	GW discharge to East Bay Municipal Utility District	672-97/1	Field notes & correspondence long term assistance			
15	15	1986	July	Brown & Caldwell	Sample of sediments from treatment plant	672-97/1	Field notes & correspondence long term assistance			
15	16	1985	August	Brown & Caldwell	Oil layer in well W506	672-97/1	Field notes & correspondence long term assistance			

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15	17	1985	February	Brown & Caldwell	Soil Sample	672-97/1	Field notes & correspondence long term assistance			
15	18	1981-1990	Dec - Jan	Brown & Caldwell	Daily operations inspection logs & notes	672-97/3				
15	19	1986-1989	not stated	Brown & Caldwell	Analytical reports waste water	672-95/5				
15	20	1982	not stated	Brown & Caldwell	Start-up assistance lab results	672-96/5				
15	22	1985	December	Brown & Caldwell	Stormwater runoff sampler	672-97/4				
15	23	1982-1984	May - August	Brown & Caldwell	Lab analytical results	672-97/5				
15	24	1985	not stated	Brown & Caldwell	Correspondence	672-97/6				
15	25	1982	not stated	Brown & Caldwell	O & M manual, correspondence & notes	672-94/1				
15	26	1982	15-Jan – 20-Jan	Brown & Caldwell	Draft - O & M manual used	672-94/3				
15	27	not stated	not stated	Brown & Caldwell	Notes - O & M manual vendor submittals	676-94/4				
15	28	1980	not stated	Brown & Caldwell	Notes	623-1/2				
15	29	1980	not stated	Brown & Caldwell	GE Specifications for special monitoring well	672/1				
15	30	1980	not stated	Brown & Caldwell	WL & boring logs, Klienfelder	623-3/1				
15	31	1980	March - August	Brown & Caldwell	Weekly progress reports, PCB soil contamination	623-1/1				
15	32	1981-1985	not stated	Brown & Caldwell	Start-up assistance, field notes, & correspondence	672-96/1				
15	33	not stated	not stated	Brown & Caldwell	Equipment information booklets & notes start-up assistance work file	672-96/2				
15	34	1981-1982	not stated	Brown & Caldwell	Operating data	672-96/3				
16	1	1983	December	Brown & Caldwell	Annual presentation data for site monitoring	672-45/3				
16	2	1984	not stated	Brown & Caldwell	Proposed monitoring plan for 1984	672-45/4				
16	3	1982	not stated	Brown & Caldwell	Monitoring notes	672-45/5				
16	4	1981	June	Brown & Caldwell	Monitoring well extension pre-construction work authorization SOW	672-46/1				
16	5	1981	July	Brown & Caldwell	Monitoring well extention correspondence	672-46/2				
16	6	1981	October	Brown & Caldwell	Operation services correspondence	672-48/2				
16	7	1990	26-Feb	Brown & Caldwell	Site investigation: design & construction management assistance, and Start up assistance regarding Tank Farm improvements	672 Index	3 large floppy disks			
16	8	1983	January	Brown & Caldwell	Inspection remedial construction notes	672-50/1				
16	9	1981	September	Brown & Caldwell	Analysis wipe samples	672-50/1				
16	10	1982	February	Brown & Caldwell	Steam cleaning waste stream	672-50/1				
16	11	1981	not stated	Brown & Caldwell	Notes Phase III - Groundwater system calculations	672-50/2				
16	12	1980-1981	not stated	Brown & Caldwell	Water level measurement field notes	672-50/3				

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16	13	1981	March - May	Brown & Caldwell	Paved area drainage calculations & flood control information notes	672-60/1				
16	14	1981	April	Brown & Caldwell	Design calculations specification for lagoon sealing with econoseal system	672-60				
16	15	1981	May	Brown & Caldwell	Notes on earthwork for areas where excavation is disposed of under bentonite/soil seal	672-60/2				
16	16	1981	not stated	Brown & Caldwell	Mechanical design equipment list	672-66/1				
16	17	1981	not stated	Brown & Caldwell	Mechanical design sludge pump P1, oil transfer pump P2, transfer pump P6, and effluent pump P3	672-66/2				
16	18	1981	not stated	Brown & Caldwell	Mechanical design extraction sump pump P5	672-66/3				
16	19	not stated	not stated	Brown & Caldwell	Mechanical design oil scavenger OSI, polymer feed pump	672-66/4				
16	21	1981	not stated	Brown & Caldwell	Mechanical design notes sump pump	672-66/6				
16	22	1981	6-Apr	Brown & Caldwell	Mechanical design calculations (voided)	not stated				
16	23	1981	4-May	Brown & Caldwell	Field notes	672-67/11				
16	24	not stated	not stated	Brown & Caldwell	File Index	not stated				
16	25	1981	March	Brown & Caldwell	Extraction & treatment system design review meeting notes/correspondence	672-53/1				
16	27	1981	not stated	Brown & Caldwell	Extraction system design review memos	672-53/2				
16	28	1981	20-Apr	Brown & Caldwell	Memo on In-lab process screening tests	672-54/1				
16	29	1981	29-Apr	Brown & Caldwell	Memos on field test with small fram unit	672-55/1				
16	30	1981	not stated	Brown & Caldwell	Field tests of fram unit correspondence	672-55/3				
16	31	not stated	not stated	Brown & Caldwell	Fram unit equipment info	672-55/4				
16	33	1981	June-July	Brown & Caldwell	Tank inspection correspondence	672-56/4				
16	34	1981	June	Brown & Caldwell	Waste disposal correspondence	672-59/1				
16	35	1981	July	Brown & Caldwell	French Drain performance evaluation	672-61/1				
16	36	1981-1983	not stated	Brown & Caldwell	Correspondence on permits	672-64/2				
16	37	1980, 1981	5/81, 6/81, 12/80	Brown & Caldwell	Design calculation notes	672-65				
16	38	1981	May	Brown & Caldwell	Electrical/Instrumentation info	672-69				
16	39	1981	not stated	Brown & Caldwell	Correspondence	672-70/1				
16	40	1981	June	Brown & Caldwell	Project Manual for the construction of the Immediate Correction Project	672-70/3				
17	Needs to go back to URS - for an HP site; Palo Alto, Page Mill Road									
18	1	1980-1981	see notes	Brown & Caldwell	Hand-drawn site maps with contours on tracing paper	672-50	10/80, 12/80, 2/81, 6/81, 2/82, 1/82			
18	2	not stated	not stated	Brown & Caldwell	Topographic site plan maps	672-50				

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18	3	not stated	not stated	Brown & Caldwell	Phase 1B report site plan	672-5/1				
18	4	1980	December	Brown & Caldwell	Tank Farm canopy design and supplier quotations	672-10/1	Includes site plan maps			
18	5	1981	July	Brown & Caldwell	Site map design	674-94/2				
18	6	1980	March	Brown & Caldwell	Log of Backhoe Trench #1	623-1				
18	7	not stated	not stated	Brown & Caldwell	Stormwater assessment photos	672-16/4				
18	8	1981	June	Brown & Caldwell	Phase II study	672-36/2	oversize figures			
18	9	1980	27-Oct	Brown & Caldwell	Site map	672-30/5				
18	12	not stated	not stated	Brown & Caldwell	Site drainage correspondence	672-42/1	oversize figures			
18	13	1981	Aug-July	Brown & Caldwell	Correspondence/manual/ oversize figure for oil/water/solids separator	672-48/2				
18	14	1981	June	Brown & Caldwell	Fram Industrial proposal for separator	672-54/1				
18	15	not stated	not stated	Brown & Caldwell	Oversize site figures with notes and calculations	672-60/1				
18	16	not stated	not stated	Brown & Caldwell	Figure A-2 Anticipated drawdown due to french drain	672-61/1				
18	17	1981	July	Brown & Caldwell	Construction work schedule 7/10/81 and shoring details	672-83/4				
18	18	1981	not stated	Brown & Caldwell	Construction schedule	672-83/5				
18	19	not stated	not stated	Brown & Caldwell	Fram proposal and construction blueprint drawings	672-84/1				
18	20	not stated	not stated	Brown & Caldwell	Prepurchase investigation submittal	672-84/2				
18	21	not stated	not stated	Brown & Caldwell	Submittal log	672-86/10				
18	22	1981	not stated	Brown & Caldwell	Submittals for resident engineering services	672-86/11				
18	23	1981	31-Jul	Brown & Caldwell	Submittal # 1 & 1A	not stated				
18	24	1981	30-Jul	Brown & Caldwell	Submittal #2 - Fram filter	not stated				
18	25	1981	12-Aug	Brown & Caldwell	Submittal #3 - Phoenix MH Covers	not stated				
18	26	1981	10-Aug	Brown & Caldwell	Submittal #4 - Santa Rosa Concrete MH rings	not stated				
18	27	1981	10-Aug	Brown & Caldwell	Submittal #5 - BIF Tank	not stated				
18	28	1981	10-Aug	Brown & Caldwell	Submittal #6 - Polymer mixer	not stated				
18	29	1981	27-Aug	Brown & Caldwell	Submittal #8 & 9 Drain rock	not stated				
18	30	1981	10-Aug	Brown & Caldwell	Submittal #10	not stated				
18	31	1981	10-Aug	Brown & Caldwell	Submittal #11 - Concrete mix design	not stated				
18	32	1981	12-Aug	Brown & Caldwell	Submittal #12 - Sharing calculations	not stated				
18	33	1981	14-Aug	Brown & Caldwell	Submittal #13 - Inline mixer	not stated				
18	34	1981	31-Aug	Brown & Caldwell	Submittal #14 - Concrete Cure Hunts process	not stated				
18	35	1981	1-Sep	Brown & Caldwell	Submittal #15 & 15A	not stated				
18	36	1981	17-Aug	Brown & Caldwell	Submittal #16	not stated				
18	37	1981	27-Aug	Brown & Caldwell	Submittal #17	not stated				
18	38	1981	19-Aug	Brown & Caldwell	Submittal #18	not stated				
18	39	1981	27-Aug	Brown & Caldwell	Submittal #19	not stated				
18	40	1981	31-Aug	Brown & Caldwell	Submittal # 20 & 20A	not stated				

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19	1	1982	April	Brown & Caldwell	Chlorobenzene analysis	672-44/4				
19	2	1981-1983	June - Nov	Brown & Caldwell	Monitoring Plan - correspondence	672-45/2A				
19	3	1985	June	Brown & Caldwell	Final Phase II Report cover letters	672-36/2				
19	4	1981	May	Brown & Caldwell	Control number for report	672-36/3				
19	5	1981	April	Brown & Caldwell	Distribution for report	672-36/4				
19	6	1981	May	Brown & Caldwell	Comments on report	672-36/5				
19	7	1981	May	Brown & Caldwell	Sanitary sewer monitoring	672-38/2				
19	8	1981	April	Brown & Caldwell	Sanitary sewer monitoring & discharge notes	672-38/3				
19	9	1981	April	Brown & Caldwell	Correspondence about tanks and piping	672-40/2				
19	10	1981	April	Brown & Caldwell	Tables about PCB levels in tanks & piping	672-40/4				
19	11	1981	April	Brown & Caldwell	Memo regarding tanks & piping	672-40/5				
19	12	1981	April	Brown & Caldwell	Flood plain info	672-41/2				
19	13	1981	June	Brown & Caldwell	Air quality monitoring	672-43/2				
19	14	1981	May	Brown & Caldwell	Air quality monitoring	672-43/3				
19	15	1981	October	Brown & Caldwell	Chlorobenzene analysis	672-44/2				
19	16	1981	October	Brown & Caldwell	Chlorobenzene analysis	672-44/3				
19	17	1981	February	Brown & Caldwell	Field investigations - drilling	672-32/5				
19	18	1981	May	Brown & Caldwell	Field investigations - Aquifer testing data	672-32/7				
19	19	1981	May	Brown & Caldwell	Field Investigation - well development logs	672-32/3				
19	20	1981	May	Brown & Caldwell	Phase II Work Plan Development	672-15/2				
19	21	1981	February	Brown & Caldwell	Phase II Work Plan Development	672-15/3				
19	22	1981	June	Brown & Caldwell	Field Investigation - Field notes	672-32/4				
19	23	1981	April	Brown & Caldwell	PCB distribution assessment data	672-35/1				
19	24	1981	May	Brown & Caldwell	GW system analysis - correspondence	672-34/2				
19	25	1981	June	Brown & Caldwell	Laboratory - PCB assumption test	672-33/4				
19	26	1981	April	Brown & Caldwell	Laboratory - correspondence	672-33/2				
19	27	1981	May	Brown & Caldwell	Laboratory data	672-33/1				
19	28	1981	January	Brown & Caldwell	Stormwater assessment background info	672-16/2				
19	29	1981	April	Brown & Caldwell	Stormwater assessment - lab data	672-16/3				
19	30	1981	January	Brown & Caldwell	Immediate correction plan - corresondence	672-17/1				
19	31	1980	December	Brown & Caldwell	Tank Farm Specifications draft report	672-10/2				
19	32	1981	January	Brown & Caldwell	Phase II Work Plan Development - communications	672-15/1				
19	35	1980	October	Brown & Caldwell	GW Monitoring - field data	672-11/2				
19	36	?	?	Brown & Caldwell	French drain - reports	672-12/2				
19	37	1981	October	Brown & Caldwell	GW Monitoring - letter report	672-11/1	*			
19	38	?	?	Brown & Caldwell	French drain - memos	672-12/3				

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19	39	1980	December	Brown & Caldwell	Tank Farms - communications	672-10/1				
19	40	1980	September	Brown & Caldwell	Laboratory correspondence	672-2/2				
19	41	1980	July	Brown & Caldwell	Management correspondence	672-4/1				
19	42	1980	June	Brown & Caldwell	Field Investigation - Field notes, boring logs	672-3/4				
20	1	2005	8-Aug	URS	HASP	not stated				
20	2	2007	1-Sep	URS	HASP	not stated				
20	3	2007	26-Jun	URS	2006-2007 Annual report for stormwater discharges associated with industrial activities	not stated				
20	4	2005	30-Jun	URS	Annual stormwater report	not stated				
20	5	2005	not stated	URS	2004-2005 Annual Report for stormwater discharges associated with industrial activities	not stated				
20	6	2003	not stated	URS	2002-2003 Annual Report for stormwater discharges associated with industrial activities	not stated				
20	7	2005	30-Jun	URS	Communication, Annual Stormwater report	not stated				
20	8	1997	September	URS	Geomatrix Stormwater Monitoring Plan	not stated	GE Oakland Stormwater 6100 folder			
20	9	2005	7-Apr	URS	Field form record wet season monitoring	not stated	GE Oakland Revised Stormwater Pollution Prevention Plan 6100 folder			
20	10	2002	22-Aug	URS	Master File Index, revised	not stated	GE Oakland Revised Stormwater Pollution Prevention Plan 6100 folder			
20	11	2003	9-Sep	URS	URS Annual Stormwater report	not stated	GE Oakland Revised Stormwater Pollution Prevention Plan 6100 folder			
20	12	2003	not stated	URS	URS marked up drafts - Risk Assessment	not stated	GE Oakland Risk 8000 folder			
20	13	2003	January	URS	Correspondence memos on risk assessment	not stated				
20	14	2007	not stated	URS	2006-2007 URS Annual Report for stormwater discharges associated with industrial activities	not stated				
20	15	2005	Jan-June	URS	Groundwater Monitoring Report	not stated				
21	1	2003	23-Aug	Geomatrix	DTSC Letter on risk assessment	not stated				
21	2	2003	April	Geomatrix	Sampling SB-2 to SB-5 field	not stated	Folder "GE Oakland - Shallow Soil Borings 9/00"			
21	3	not stated	not stated	Geomatrix	Well construction details and survey data	not stated				
21	4	not stated	not stated	Geomatrix	Boring logs field	not stated	Folder "Drill file - 8/03 GE Oakland"			
21	5	2002	not stated	URS	Well Abandonment folder	not stated				
21	6	2002	July-Dec	Geomatrix	Technical Review report sheets for GW Monitoring and 1st Semi-Annual	not stated	Folder "GE Oakland - Draft Reports 9/00"			

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21	7	2002	October	Geomatrix	Site figures, GW Contour, vocs maps, etc.	not stated	Folder "GE Oakland site - figures 9/00"			
21	8	2003	October	Geomatrix	GW Report tables	not stated	Folder "GE Oakland - GW Monitoring report July - Dec '03, 9100"			
21	9	2003	July - Dec	Geomatrix	GW System write up, revisions for July - Dec 2003 GW Monitoring Report URS	not stated	Folder "GW Monitoring Data Jan-June 2003 9100"			
21	10	2003	June-Dec	Geomatrix	GW Monitoring data - GE Oakland June-December 03 Field sheets, analyitical results	not stated				
21	11	2002	October	Geomatrix	Correspondence DTSC on GW Monitoring, COC's, site maps, USGS article on PDG for sampling VOCs, Blaire tech methods and procedures for routine monitoring, keys to monitoring wells	not stated	Folder "GE Monitoring 9100" - Nicole pulled out the keys and gave them to Nate			
21	12	1999	not stated	Geomatrix	Flood encroachment permist, request for change in revised GW Monitoring plan, 2/9/00 letter, off-site access agreements 1999	not stated	Folder "GE Oakland 9100 Off-Site Access Agreements"			
21	13	2002	October	Geomatrix	GW Level field sheets, GW Report tables, COCs	not stated	Folder "GE Oakland Site Groundwater Data"			
21	14	2002	July - Dec	URS	GW Monitoring report Draft	not stated	Folder "GE Oakland GE data/QA July - December '02 9100"			
21	15	2002	October	URS	Draft figures, historical analytical results	not stated				
21	16	1994	not stated	Brown & Caldwell	Tables, '94 4Q Review and long term monitoring	not stated	Folder "GE Oakland - GW Mon. data 9100"			
21	17	1995	not stated	Brown & Caldwell	95 4Q Review & long term monitoring program	not stated	Folder "GE Oakland - GW Mon. data 9100"			
21	18	2003	4-Nov	URS	Memo - Analysis of impact to stormwater monitoring due to construction of an asphalt concrete cap, retention basin at the GE Oakland site	not stated				
21	19	2005	14-Jan	URS	Work plan for additional investigation for the GE Oakland site	not stated				
22	1	not stated	not stated	Brown & Caldwell	Historical GE PCB Stormwater data	not stated	1 sheet			
22	2	1992	June	Brown & Caldwell	10 Year Operation, Maintenance & Monitoring Report	not stated				
22	3	1984	9-Oct	Brown & Caldwell	Letter on PCB's in stormwater discharge	not stated				
22	4	1982-1995	not stated	Brown & Caldwell	Summary of long term monitoring program; graph of stormwater PCB concentrations	not stated				

Table XX

Phase I Pre-Demolition Building Assessment Report
File Log

General Electric Company
East 14th Street Facility
Oakland, California

Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
22	5	1992	June	Brown & Caldwell	10 Year Operation, Maintenance & Monitoring Report; graph of stormwater runoff 1982-1991	not stated				
22	6	1981	10-Sep	Brown & Caldwell	Communication letter from Alameda County Flood Control and Water Conservation District	not stated				
22	7	1981	29-Apr	Brown & Caldwell	Sump Analysis letter	not stated				
22	8	1981	17-Nov	Brown & Caldwell	Gaging of Precipitation letter	not stated				
22	9	1985	20-Feb	Brown & Caldwell	Phone conversation - storm runoff (PCBs)	not stated				
22	10	1981	14-Apr	Brown & Caldwell	Stormwater sampling procedure Letter	not stated				
22	11	1981	7-Apr	Brown & Caldwell	Stormwater runoff volume Letter	not stated				
22	12	1981	31-Mar	Brown & Caldwell	Stormwater runoff sampling Letter	not stated				
22	13	1981	12-Feb	Brown & Caldwell	PCB content of stormwater runoff letter	not stated				
22	14	1981	22-Jan	Brown & Caldwell	Stormwater runoff assessment letter	not stated				
22	15	1981	14-Jan	Brown & Caldwell	Implementation plan for stormwater runoff control	not stated				
22	16	1981	9-Jan	Brown & Caldwell	Stormwater runoff assessment letter	not stated				
22	17	1980	26-Dec	Brown & Caldwell	Stormwater runoff monitoring letter	not stated				
22	18	1988	not stated	Brown & Caldwell	Instruction manual for ISCD sampler	not stated	2 copies			
22	19	1993-1996	1/93 - 2/96	Brown & Caldwell	Monitoring monthly summary sheets	not stated				
22	20	1996	27-Mar	Geomatrix	Assessment of stormwater and sediment sampling work plan	3495-0415.2				
22	21	1996	28-Mar	Geomatrix	System observations memo	not stated				
22	22	1996	30-Dec	Brown & Caldwell	Transmittal of stormwater monitoring data	not stated				
22	23	1994	13-Apr	Brown & Caldwell	Transmittal of stormwater monitoring data	not stated				
22	24	1995	16-Jan	Brown & Caldwell	Transmittal of stormwater monitoring data	not stated				
22	25	1993	30-Dec	Brown & Caldwell	Transmittal of stormwater monitoring data	not stated				
22	26	1994	13-Apr	Brown & Caldwell	Transmittal of stormwater monitoring data	not stated				
22	27	1982-1983	various	Brown & Caldwell	Monthly summary of monitoring reports 1/82 - 1/83	not stated				
22	28	1983-1985	various	Brown & Caldwell	Correspondence from 12/1983 - 11/1985 regarding monitoring at site	not stated				
22	29	1981-1983	various	Brown & Caldwell	Stormwater runoff sampling analytical lab results	not stated				
22	30	1989-1995	various	Brown & Caldwell	Stormwater runoff monitoring sampling analytical lab data from 1989-1995	not stated				

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East 14th Street Facility
Oakland, California

Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
22	31	various	various	Brown & Caldwell	Monitoring plan correspondence monthly sotrmwater 1982-1983; Summary of long term monitoring 1982-1987; Quarterly monitoring reports 1988-1989	not stated				
23	1	2005	August	Geomatrix	HASP URS	not stated				
23	2	not stated	not stated	Brown & Caldwell	Project Manual for the construction of GE Immediate Correction Project	not stated				
23	3	1981	April	Brown & Caldwell	Existing Storm Drainage	not stated	Oversize figures folder			
23	4	1981	April	Brown & Caldwell	PCB Distribution	not stated	Oversize figures folder			
23	6	not stated	not stated	Brown & Caldwell	PCB Analytical results	not stated	Oversize figures folder			
23	7	not stated	not stated	Brown & Caldwell	Site map	not stated	Oversize figures folder			
23	8	not stated	not stated	Brown & Caldwell	Immediate Correction Project design drawings	not stated	Oversize figures folder			
23	9	not stated	not stated	Brown & Caldwell	Site maps, cross sections, concentration figures	672-2				
23	10	2001	May	Geomatrix	Report of soil removal activities	not stated				
24	1	2003	August	URS	Baseline human health and tier 1 ecological health risk assessment, revision II (report hard bound)	not stated	**			
24	2	2002	July	URS	Baseline Risk Assessment (report hard bound)	not stated	**			
24	3	2003	May	URS	Baseline Human health and ecological risk assessment: Revision I - volume 1 cont'd; indoor vapor intrusion model print out (report hard bound)	not stated	**			
24	4	2003	May	URS	Baseline human health and ecological risk assessment: Revision I - volume II of II (report hard bound)	not stated	**			
24	5	2005	July	URS	GW Monitoring report: Jan-June 2005 (report hard bound)	not stated	** 2 copies			
24	6	2005	January	URS	GW Monitoring report: July-December 2004 (report hard bound)	not stated	** 3 copies			
24	7	2004	July	URS	GW Monitoring report: Jan-June 2004 (report hard bound)	not stated	**			
24	8	2006	February	URS	Comprehensive GW Monitoring report July - December 2005 (report hard bound	not stated	** 2 copies			
24	9	2003	November	URS	Feasability Study for GE site (report hard bound)	not stated	**			
25	1	2005	3-May	URS	Memo stormwater permit considerations	not stated				
25	2	2003	25-Aug	URS	DTSC Letter baseline human helath and ecological risk assessment	not stated				
25	3	not stated	not stated	URS	Marked up plan view flow net & shallow groundwater flow regime figure	not stated				

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25	4	2006-2007	not stated	URS	Annual stormwater report	not stated	2 copies			
25	5	2003	8-Aug	URS	Baseline human health and tier 1 ecological health risk assessment, revision II, volume 1 cont'd; Indoor vapor intrusion model printout	not stated				
25	6	2003	8-Aug	URS	Baseline human health and tier 1 ecological risk assessment: revision II, volume II of II	not stated				
25	7	2004	July - Dec	URS	GW Monitoring report	not stated				
25	8	2004	Jan - June	URS	Gw Monitoring report	not stated				
25	9	2003	November	URS	Feasibility Study for GE site	not stated				
25	10	2003	November	URS	North property line soil investigation report	not stated				
26	1	1999-2000	not stated	Geomatrix	Annual report for stormwater discharges	not stated				
26	2	1997	September	Geomatrix	Revised stormwater pollution provention plan	not stated				
26	3	1996-1997	not stated	Geomatrix	Annual report for stormwater discharges associated with industrial activity	not stated				
26	4	2000-2001	not stated	Geomatrix	Annual report for stormwater discharges	not stated				
26	5	1998-1999	not stated	Geomatrix	Annual report for stormwater discharges	not stated				
26	6	1997-1998	not stated	Geomatrix	Annual report for stormwater discharges associated with industrial activity	not stated				
26	7	2005-2006	not stated	URS	Annual report for stormwater discharges	not stated	Folder "GE Oakland 2005/2006 NPPES Annual Stormwater Report" 3 copies, 2 bound			
26	8	2004-2005	not stated	URS	Annual report for stormwater discharges associated with industrial activity	not stated				
26	9	2003	July	Geomatrix	GE Oakland Columbia Analytical Services - Lab results	not stated	Large brown folder, no label (sticky note 9100)			
26	10	2000	not stated	Geomatrix	2nd Q GW Monitoring report	not stated	Large brown folder, no label (sticky note 9100)			
26	11	2002	Jan - June	Geomatrix	Draft GW Monitoring report	not stated	Large brown folder, no label (sticky note 9100)			
26	12	1998	October	Geomatrix	Groundwater Monitoring Plan	not stated	Large brown folder, no label (sticky note 9100)			
26	13	2003	Jan-June	Geomatrix	GW Monitoring report	not stated	Large brown folder, no label (sticky note 9100)			
26	14	2003	Jan-June	Geomatrix	QA/QC Analytical report	not stated	Large brown folder, no label (sticky note 9100)			
26	15	2002	July-Dec	Geomatrix	GW Monitoring report	not stated	Large brown folder, no label (sticky note 9100)			

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26	16	2003	March	URS	Baseline human health and ecological risk assessment, revision I, volume I of II	not stated	Overall labeled brown folder GE: to files (8000 sticky note) risk assessment			
26	17	2003	May	URS	Baseline human helath and ecological risk assessment: revision I, volume I (cont'd); Indoor vapor intrusion model printout	not stated	Overall labeled brown folder GE: to files (8000 sticky note) risk assessment			
26	18	2003	May	URS	Baseline human health and ecological risk assessment revision I, volume II of II	not stated	Overall labeled brown folder GE: to files (8000 sticky note) risk assessment			
26	19	2003	August	URS	Baseline human health and tier I ecological risk assessment: Revision II, vol I of II	not stated	Overall labeled brown folder GE: to files (8000 sticky note) risk assessment			
26	20	2003	August	URS	Baseline human health and tier I ecological risk assessment: Revision II, vol II of II	not stated	Overall labeled brown folder GE: to files (8000 sticky note) risk assessment			
27	1	1947-1994	not stated	URS	Aerial photos	not stated				
27	2	2002	October	URS	EDR Report - Topo maps	not stated				
27	3	2004	December	URS	URS Work Authorization	2300				
27	4	not stated	not stated	URS	Health and safety note	5000				
27	5	2004	June	URS	2004-2005 Annual Report for stormwater discharges associated with industrial activities	6100	**			
27	6	2002	November	URS	Current storm drain maps	6200				
27	7	not stated	not stated	URS	Historical storm drain maps of site and surrounding area	6200	Chris Cambell's Project File			
27	8	2003	January	URS	CD of 3D model - possible example	6300				
27	9	2007	April	URS	Storm Sewer video survey report	6300	**			
27	10	2007	April	URS	Storm sewer maps with sewer lengths	6300				
27	11	2007	August	URS	Manhole lab data	6500				
27	12	2007	October	URS	DTSC - Final Treatability study workplan letter	10300				
27	13	2006	May	URS	Bentonite Cap Investigation draft report	7100	*			
27	14	not stated	not stated	URS	Cross Sections	9300				
27	15	2004	July	URS	DTSC comments on Feasability Study report	10000				
27	16	2003	August	URS	Draft report - locating potentially impacted areas using Aestus GeoTrax Survey Technology	10100	*			
27	17	2003	November	URS	Feasibility Study report & Geomatrix Remedial investigation report (4/02)	10100	**			
27	18	not stated	not stated	URS	Explanation of 3D model and geopleths	10100	*			
27	19	2003	November	URS	North property line soil investigation report (report hard bound)	11'100	**			

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Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
27	20	2003	November	URS	Feasibility Study for GE site (report hard bound)	10'100	**			
27	21	2004	June	URS	Phase II North property line soil removal action maps	11'000				
27	22	2002	October	URS	Wooden Culvert - stormwater info	11'100				
27	23	2001	February	URS	Original Easement Deed dated 4/16/23	11'100	**			
27	24	2004	September	URS	H & S Plan removal action north property line (report hard bound)	11'200				
27	25	2005	May	URS	Completion report: draft 2 - north property line soil removal action project (report hard bound)	11'200	**			
27	26	2006	September	Geosyntec	Addendum to work plan for additional inv. at GE (report hard bound)	12'000	*			
27	27	2006	November	Geosyntec	Draft additional Inv. Report	12'000				
27	28	2006	June	URS	Revised SOW and Cost Est. for work plan and prep activities for CPT/Geoprobe Inv.	12'000				
27	29	2005	October	URS	Well permit applications	12'000				
27	30	2005	July	URS	Manifest authorization for signatures	13'000				
27	31	2004	June	URS	1308 54th Ave. Signed access agreement	13'100				
27	32	2007	May	URS	Application questionnaire for reactivation of ID CAD009208075	13'100				
27	33	2004	June	URS	1312 & 1316 54th Ave. Signed access agreements	13'100				
27	34	2006	September	URS	DTSC Oversite Costs (copies of checks to state	13'200				
27	35	2004	June	URS	1320, 1324, 1330, 1336, 1344, 1350, 1356, 1360, 1370 54th Ave Signed access agreements	11'200				
27	36	2007	June	URS	Board of Equalization tax fees	13'300				
27	37	2003	January	URS	Storm drain costs	not stated				
27	38	2007	March	URS	Project management plan	13'600				
27	39	2005-2006	not stated	URS	Field forms (well development, purging, & lab data sheets)	9600				
28	1	2002	not stated	Geomatrix	Remedial investigation report	not stated				
28	2	1981	June	not stated	Site plan existing, abandoned, and removed piping from Phase II study final report	not stated				
28	3	2005	July - Dec	URS	Comprehensive GW Monitoring report July - December 2005	not stated				
28	4	2003	November	URS	Feasibility study for the GE Oakland site	not stated				
28	5	1981	June	not stated	In binder - final Phase II report problem definition	not stated	*			
28	6	2004	not stated	URS	Cross Sections	not stated				

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General Electric Company
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Oakland, California

Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
28	7	2002	April	Geomatrix	Bound remedial investigation report, volume I of II	not stated				
28	8	2002	April	Geomatrix	Remedial investigation report, vol II of II	not stated				
28	9	2002	April	not stated	CD - GE Oakland RI	not stated				
29	1	2000	September	Geomatrix	Phase V VOC Investigation Report	not stated				
29	2	1999	October	Geomatrix	Unbound Phase IV VOC Investigation report	not stated	1st brown folder, unlabeled			
29	3	1997	April	Geomatrix	Unbound On-site VOC Investigation report	not stated	1st brown folder, unlabeled			
29	4	2002	April	Geomatrix	Remedial Investigation report, vol I of II	not stated				
29	5	2005	July - Dec	URS	Comprehensive GW Monitoring report	not stated	2nd brown folder, unlabeled			
29	6	2006	12-Jun	URS	HASP 2002, Rev. 1		2nd brown folder, unlabeled			
29	7	2006	not stated	GE	Semi Annual GW subfolder :	not stated	3rd brown folder - sticky note "GE Oakland SWI 2006"			
29	8	not stated	not stated	GE	- Work orders	not stated	3rd brown folder			
29	9	2006	16-Jun	GE	- Field notes	not stated	3rd brown folder			
29	10	not stated	not stated	GE	- development of wells W-791B & W714B	not stated	3rd brown folder			
29	11	2006	May	GE	- Field notes	not stated	3rd brown folder			
29	12	not stated	not stated	GE	- Blaine Tech proposal/cost estimate	not stated	3rd brown folder			
29	13	not stated	not stated	GE	- Table of well construction details, marked up	not stated	3rd brown folder			
29	14	2006	7-Jun	GE	- URS Field notes 6/7/06 site visit	not stated	3rd brown folder			
29	15	2006	11-May	GE	- Blaine Tech report	not stated	3rd brown folder			
29	16	not stated	not stated	GE	- Invoices	not stated	3rd brown folder			
29	17	not stated	not stated	GE	GE - 2006 Subfolder:	not stated	3rd brown folder			
29	18	2006	not stated	GE	- Correspondence notes 2006	not stated	3rd brown folder			
29	19	2004, 2006	8/04, 7/06	GE	-Cost proposal task 2 (expanded) - additional investigation geoprobe of CPT/HP Program	not stated	3rd brown folder			
29	20	not stated	not stated	GE	-URS figures/tables area of concern analysis	not stated	3rd brown folder			
29	21	not stated	not stated	GE	- Correspondence Gregg					
29	22	not stated	not stated	GE	- Unopened letters from Fugro Geosciences Inc to John McCain at URS Oakland	not stated	3rd brown folder			
29	23	not stated	not stated	GE	- Correspondence questions DTSC	not stated	3rd brown folder			
29	24	not stated	not stated	GE	- Notes	not stated	3rd brown folder			
29	25	not stated	not stated	GE	- Info on CPT testing	not stated	3rd brown folder			
29	26	not stated	not stated	GE	- Cost estimates	not stated	3rd brown folder			
29	27	not stated	not stated	GE	- Marked up site figures	not stated	3rd brown folder			
29	28	2006	8-Jun	GE	- Photos	not stated	3rd brown folder			

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Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
29	29	2006	not stated	GE	GE 2006 MSA-Fugro & Vironex:	not stated	3rd brown folder			
29	30	not stated	not stated	URS	- Renewal of professional services contract	not stated	3rd brown folder			
29	31	2004	September	URS	Microcosm study waste plan draft & info on Flute HASP, Removal action north property line	not stated	3rd brown folder			
29	32	1980	August	Brown & Caldwell	Phase 16 report problem definition and proposed correction program	not stated	4th brown folder unlabeled			
29	33	1998	July	Geomatrix	Phase IV VOC Investigation workplan	not stated	4th brown folder unlabeled			
29	34	1980-1981	not stated	Brown & Caldwell	Soil data and miscellaneous information	3495-0114.2	4th brown folder unlabeled			
29	35	not stated	not stated	not stated	Maps, notes, other miscellaneous	not stated	4th brown folder unlabeled			
29	36	not stated	not stated	URS	Large format figures/maps	not stated	4th brown folder unlabeled			
29	37	2005	not stated	not stated	Invoices purge water manifest	not stated				
29	38	2006	not stated	GE	Baker Tank	not stated				
30	1	2003	November	URS	North Property line soil inv. Report	5300	*			
30	2	2003	November	URS	Feasibility study for GE site	5500	*			
30	3	2002-2003	not stated	Geomatrix	Annual report for stormwater discharge (report hard bound)	not stated	**			
30	4	2002	June	Geomatrix	2001-2002 Annual report for stormwater discharge (report hard bound)	not stated	**			
30	5	2002	December	URS	Request for proposal (report hard bound)	not stated				
30	6	2003	August	URS	Baseline human health & Tier I ecological health risk assessment: Revision II, Volumes I & II (report hard bound)	not stated	**			
30	7	2003	May	URS	Baseline human health & Tier I ecological health risk assessment: Revision I Volumes I & II (report hard bound)	not stated	**			
30	8	not stated	not stated	Brown & Caldwell	Vicinity maps - drawings	not stated				
30	9	not stated	not stated	Brown & Caldwell	Existing topography grading & drainage - drawings	not stated				
30	10	not stated	not stated	Brown & Caldwell	Typical sections & details - drawings	not stated				
30	11	not stated	not stated	Brown & Caldwell	Curb and gutter "A, B, C" profiles - drawings	not stated				
30	12	not stated	not stated	Brown & Caldwell	Extraction sump, French drain, and Parshall Flume plan & sections - drawings	not stated				
30	13	not stated	not stated	Brown & Caldwell	Drainage structure plans & sections - drawings	not stated				
30	16	not stated	not stated	Brown & Caldwell	Existing storm drainage - map	not stated				
30	19	not stated	not stated	Brown & Caldwell	Results of GW Monitoring for VOLs at key and peripheral Oakland site wells - Fax	not stated				

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Box #	Item #	Year	Month	Consulting Firm	Description	File or Chron Number	Notes	Copied	Copies Desired	Highlighted but not copied
30	20	not stated	not stated	Stewart Labs	Cert. of analysis & summary of VOC analysis - lab report	not stated				
30	21	1984	not stated	GE	Correspondence, Stormwater data & map - letter	not stated				
30	22	1984	not stated	Brown & Caldwell	Long term monitoring plan - letter	not stated				
30	23	1985	not stated	Brown & Caldwell	Oil layer & water level recovery - figs and tables - Letter	not stated				
30	24	1985	not stated	Brown & Caldwell	GW data - Oakland site- letter	not stated				
30	25	1995	not stated	Brown & Caldwell	Results of GW Monitoring for VOLs at key and peripheral Oakland site wells - Letter	not stated				
30	26	1982	not stated	Brown & Caldwell	Cleanup & containment of PCB's - a success story - Report	not stated				
30	27	1992	not stated	Brown & Caldwell	10 year Operations and Maintenance Monitoring Report - report	not stated				
30	28	1997	not stated	Geomatrix	Stormwater monitoring plan - report	not stated				
30	29	2002	not stated	Geomatrix	GW Mon. report July - Dec. 2001 - Report	not stated				
30	30	1998	not stated	Geomatrix	Reviseed GW Mon. Plan report - Report/letter	not stated				
30	31	2000	not stated	Geomatrix	Final removal action work plans - report/letter	not stated				
30	32	2000	not stated	Geomatrix	Shallow soil & GW Inv. Report - report/letter	not stated				
30	33	2000	not stated	Geomatrix	2000-2001 Annual Report for stormwater discharges - report/letter	not stated				
30	34	not stated	not stated	not stated	Tables - multiple random tables	not stated				
30	35	1980	not stated	Brown & Caldwell	Backhoe Log - typed data	not stated				
30	36	1980	2-Apr	Brown & Caldwell	Water sampling - typed data	not stated				
31	1	not stated	not stated	not stated	CD labeled "GE site photo" Lisa Hunt x 1795	not stated				
31	2	1981	30-Apr	Brown & Caldwell	Letter Brown & Caldwell sanitary sewer discharge, marked up	not stated				
31	3	1982	16-Nov	Brown & Caldwell	PCB analysis of water, marked up	not stated				
31	4	1981	not stated	Brown & Caldwell	Rainfall & stormwater, marked up	not stated				
31	5	1995-1996	not stated	Brown & Caldwell	Analytical stormwater (rain runoff) monitoring lab data	not stated				
31	6	1996	May	Brown & Caldwell	Stokeley Van Camp runoff data	not stated				
31	7	1985-1988	not stated	Brown & Caldwell	Runoff Lab data monthly	not stated				
31	8	1981	November	Brown & Caldwell	Storm runoff data	not stated				
31	9	1981	not stated	Brown & Caldwell	Information about Stokeley Van Camp runoff	not stated				
31	10	1981-1982	not stated	Brown & Caldwell	Analytical data stormwater	not stated				
31	11	1996	not stated	Brown & Caldwell	EBMUD Correspondence/Permit	not stated				
31	12	1980	May	Brown & Caldwell	Volume II Supplementary data (Phase I report?)	not stated				
31	14	1981	not stated	Brown & Caldwell	Handwritten boring logs	not stated				

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31	15	1980	April	Brown & Caldwell	Progress report no. 1; Phase I problem definition	not stated				
31	16	not stated	not stated	Brown & Caldwell	Consent order - California state	not stated				
	17	1981	March-April	Brown & Caldwell	Daily field logs	not stated				
	18	1981	March-Feb	Brown & Caldwell	Fieldnotes	not stated				
	19	1980	August	Brown & Caldwell	Phase 1B report	not stated				

Legend:

x	copy
x	review to determine if document contains useful building-related information; copy if warranted

ARCADIS

Appendix C

Sampling Logs

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: ~~R. WESSELHOEFT (Ra)~~ ~~R. MATTSON~~ D. WESSELHOEFT.

Date: 11/17/08

Time: 0823

Photo Number: 161

Camera Number: DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 21

Tank Number (as marked on exterior): 14

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~1,000 gal

Or Exterior Dimensions:

4' DIA. 11' LENGTH

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): NONE

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

YELLOW STAINING, RUST

Other General Notes (Hazards etc.), if any:

2" STEEL PIPE LABELED "2-INF" GOES INTO TOP OF TANK.

2" STEEL PIPE LABELED "VENT" EXITS TOP OF TANK TO ROOF.

2" STEEL PIPE UNLABELED EXITS TANK BOTTOM AND GOES INTO SIDE OF SECONDARY CONTAINMENT NEAR TANK 10.

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 0830

Photo Number: 162

Camera Number: _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 21

Tank Number (as marked on exterior): 10

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~~~1,400~~ (PM) ~ 10,000 gal

Or Exterior Dimensions:

9' 3.5" DIA. 20' 9" LENGTH (APPROX.)

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): NONE

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN, RUST (RED AND BLACK)

Other General Notes (Hazards etc.), if any:

1" PIPE LABELED "1-OIL" INTO TANK AT TOP AT 2 LOCATIONS

1" "VENT" STEEL PIPE OUT OF TANK TOP TO ROOF

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 0838

Photo Number: 160

Camera Number: DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 9 (PM) 21

Tank Number (as marked on exterior): 9

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~ 10,000 gal

Or Exterior Dimensions:

9' 3.5" DIA. 20' 9" LENGTH (APPROX)

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): NONE

Approximate Percent Full: 0 %

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN, RUST (RED AND BLACK)

Other General Notes (Hazards etc.), if any:

1" PIPE LABELED "1-OIL" INTO TANK AT TOP AT 2 LOCATIONS

1" "VENT" STEEL PIPE OUT OF TANK TOP TO ROOF

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 0843

Photo Number: 152

Camera Number: DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 21

Tank Number (as marked on exterior): 8

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~ 10,000 gal

Or Exterior Dimensions:

21' 11" LENGHT 9' 1"

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): EMPTY

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN BUT RUSTY, BLACK AND RED RUST-LIKE SOLIDS.

Other General Notes (Hazards etc.), if any:

STEEL PIPE LABELED "2½-EFF" INTO TOP OF TANK

PAINTED STEEL PIPE LABELED "3"-EFF" OUT BOTTOM OF TANK.

STEEL PIPE 1" VENT LINE OUT TOP OF TANK.

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 0858

Photo Number: 153

Camera Number: _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 21

Tank Number (as marked on exterior): 7

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~5,000 gal

Or Exterior Dimensions:

7' 7" DIA. 16' 1" LENGTH

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): EMPTY

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN BUT RUSTY, BLACK AND RED RUST-LIKE SOLIDS.

Other General Notes (Hazards etc.), if any:

STEEL PIPE LABELED "2½-EFF" INTO TOP OF TANK
PAINTED STEEL PIPE LABELED "3"-EFF" OUT BOTTOM OF TANK.
STEEL PIPE 1" "VENT" LINE OUT TOP OF TANK.

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 0905

Photo Number: 154

Camera Number: _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 21

Tank Number (as marked on exterior): 6

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~ 5,000 gal

Or Exterior Dimensions:

7' 7" DIA. 16' 1" LENGTH

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): EMPTY

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN BUT RUSTY, BLACK AND RED RUST-LIKE SOLIDS.

Other General Notes (Hazards etc.), if any:

STEEL PIPE LABELED "2½-EFF" INTO TOP OF TANK
PAINTED STEEL PIPE LABELED "3-EFF" OUT BOTTOM OF TANK.
STEEL PIPE 1" "VENT" LINE OUT TOP OF TANK.

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 0912

Photo Number: 155

Camera Number: _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 21

Tank Number (as marked on exterior): 5

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~5,000

Or Exterior Dimensions:

7' 7" DIA. 16' 1" LENGTH

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): EMPTY

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN BUT RUSTY, BLACK AND RED RUST-LIKE SOLIDS.

Other General Notes (Hazards etc.), if any:

STEEL PIPE LABELED "2 1/2 - EFF" INTO TOP OF TANK
PAINTED STEEL PIPE LABELED "3 - EFF" OUT BOTTOM OF TANK.
STEEL PIPE 1" "VENT" LINE OUT TOP OF TANK.

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 0941

Photo Number: 159

Camera Number: _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 21

Tank Number (as marked on exterior): 4

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~3000 gallons

Or Exterior Dimensions:

7' 7" DIA. 16' LENGTH

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): EMPTY

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN BUT RUSTY, BLACK AND RED RUST-LIKE SOLIDS.

Other General Notes (Hazards etc.), if any:

STEEL PIPE LABELED "2½-EFF" INTO TOP OF TANK

PAINTED STEEL PIPE LABELED "3-EFF" OUT BOTTOM OF TANK.

STEEL PIPE 1" "VENT" LINE OUT TOP OF TANK,

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 5 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 023 Photo Number: 155 Camera # _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0908 Time Out: 0912 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM INTERIOR OF TANK BOTTOM USING EXTENDER. TANK IS ~~STAINLESS~~ SINGLE-WALL STEEL. TANK IS EMPTY AND DRY. INTERIOR SURFACE IS CLEAN AND FREE OF STAINING. TANK IS APPROXIMATELY 5,000 GALLONS IN CAPACITY

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: B. WESSELHOFT

Date: 11/17/08

Time: 0923

Photo Number: 156

Camera Number: _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 21

Tank Number (as marked on exterior): 11

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~ 10,000 gal

Or Exterior Dimensions:

9' 1" DIA. 22' LENGTH

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): EMPTY

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN BUT RUSTY, BLACK AND RED RUST-LIKE SOLIDS.

Other General Notes (Hazards etc.), if any:

STEEL PIPE LABELED "2½-EFF" INTO TOP OF TANK
PAINTED STEEL PIPE LABELED "3-EFF" OUT BOTTOM OF TANK
STEEL PIPE 1" "VENT" LINE OUT TOP OF TANK.

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 0932

Photo Number: 157/158

Camera Number: DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: 21

Tank Number (as marked on exterior): 3

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~10,000 gal

Or Exterior Dimensions:

9' 1" DIA, 22' LENGTH

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): EMPTY

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN BUT RUSTY, BLACK AND RED RUST-LIKE SOLIDS. APPARENT VALVE VISIBLE ON TANK BOTTOM. (PHOTO 158)

Other General Notes (Hazards etc.), if any:

STEEL PIPE LABELED "2 1/2 EFF" INTO TOP OF TANK PIPE LABELED "3" EFF" OUT OF TANK BOTTOM.

STEEL PIPE "1" "VENT" LINE OUT TOP OF TANK.

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 1035

Photo Number: 163/164

Camera Number: DW

LOTO required? ☐ Yes ☑ No (If yes attach LOTO checklist)

Sampling Area/Building: EXTERIOR TANKS

Tank Number (as marked on exterior): NA (EXTERIOR 2)

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~5,000 gal

Or Exterior Dimensions:

27' LENGTH 6' DIA.

Other Exterior Markings:

PORT HAS DANGER CONFINED SPACE LABEL.

Current Contents, if any (based on visual observation): EMPTY

Approximate Percent Full: 0%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

CLEAN BUT HEAVILY RUSTED.

Other General Notes (Hazards etc.), if any:

1" STEEL PIPE WITH VALVE LEADING TO NEARBY PUMP.

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 1055

Photo Number: 165/166

Camera Number: DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: EXTERIOR TANKS

Tank Number (as marked on exterior): NA (EXTERIOR 1)

Former Contents (as marked on exterior): NONE MARKED

Tank Capacity: ~ 5,000 gal

Or Exterior Dimensions:

27' LENGTH 6' DIA.

Other Exterior Markings:

GRAFITI, PORT HAS DANGER CONFINED SPACE LABEL

Current Contents, if any (based on visual observation): BLACK OIL/SLUDGE

Approximate Percent Full: <1%

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

INTERIOR CONTAINS OIL/SLUDGE, DRY SIDE WALLS

SIDE WALLS ARE RUSTY.

Other General Notes (Hazards etc.), if any:

1" STEEL PIPE WITH VALVE AT BOTTOM OF TANK.

ARCADIS

Visual Tank Inspection Field Log

General Electric Company

Oakland, CA

Personnel: D. WESSELHOFT

Date: 11/17/08

Time: 1150

Photo Number: 167

Camera Number: PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Sampling Area/Building: PHT

Tank Number (as marked on exterior): NA (HALF BURIED TANK)

Former Contents (as marked on exterior): NOT MARKED

Tank Capacity: ~100 gal

Or Exterior Dimensions:

4' LENGTH 2' DIA.

STEEL TANK BURIED IN ASPHALT.

Other Exterior Markings:

NONE

Current Contents, if any (based on visual observation): OLD GASOLINE

Approximate Percent Full: _____

Visible condition of the tank interior (e.g., clean, accumulations, residues, visible staining, etc.):

APPROXIMATELY 5" DEEP PRODUCT IN TANK RESEMBLES GASOLINE BASED ON VISUAL AND OLFACTORY EVIDENCE. INTERIOR OF TANK COULD NOT BE DIRECTLY OBSERVED DUE TO SMALL ACCESS OPENING.

Other General Notes (Hazards etc.), if any:

0.25" COPPER LINES RUNNING INTO PUMP HOUSE ARE CUT AND NOW GONE. PUMP IS GASOLINE MOTOR.

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - EQ - WP - 001 Photo Number: 35 Camera # 01

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1550 Time Out: 1553 Sampling Personnel: C. WILLIAMS

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE FROM HORIZONTAL SURFACE OF ORANGE CARGO RACKS 5Cm x 30 cm area. CENTER OF BUILDING 4.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - EQ - PLC - 002 Photo Number: 37 Camera # 2W

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1553 Time Out: 1600 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

COMBINATION ORANGE AND GREEN PAINT FROM METAL CARGO RACKS IN CENTER OF BUILDING. DIFFICULT TO REMOVE.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead/Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - EQ - PP - 003 Photo Number: 38 Camera # RW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1553 Time Out: 1608 Sampling Personnel: ~~C. GILLILAND~~ (RW)

Sampling Depth: SURFACE D. WESSELHOFT

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

COMINATION OF ORANGE AND GREEN PAINT FROM METAL CARGO RACKS. IN CENTER OF BUILDING. DIFFICULT TO REMOVE.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - SP - WP - 004 Photo Number: 36 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1602 Time Out: 1603 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM STEEL FIRE PIPE HORIZONTAL SURFACE, SOUTH SIDE OF BUILDING. DUSTY. 10cm x 10cm.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - SS - PLC - 005 Photo Number: ~~39~~ Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist) 40 (DW)

Date: 11/4/08

Time In: 1604 Time Out: 1627 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CREAM COLORED PAINT FROM VERTICAL BEAMS IN BUILDING 4. SEVERAL BEAMS IN SOUTHEAST CORNER DIFFICULT TO REMOVE.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead/Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - SS - PP - 006 Photo Number: ~~40~~ Camera # BW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist) 43 (R)

Date: 11/4/08

Time In: 1605 Time Out: 1623 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CREAM-COLORED PAINT FROM VERTICAL BEAMS IN BUILDING 4. SEVERAL BEAMS IN SOUTHEAST CORNER. DIFFICULT TO REMOVE.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - PG - WP - 007 Photo Number: 43 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist) 39

Date: 11/4/08

Time In: 1624 Time Out: 1631 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM PLEXIGLAS WINDOW ON WEST END OF BUILDING ON OFFICE ROOM AREA.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 41

Sub-Area/Structure: EXTERIOR **Recorder:** R. MATTSON

Sample ID: B4 - MD - PLC - 008 Photo Number: ~~42~~ 42 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 0852 Time Out: 0853 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING WHITE PAINT ON END OF METAL SLIDING DOOR SOUTHEAST CORNER OF BUILDING.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead/Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: EXTERIOR **Recorder:** R. MATTSON

Sample ID: B4 - MD - PP - 009 Photo Number: 42 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 0855 Time Out: 0857 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING WHITE PAINT ON END OF METAL SLIDING DOOR SOUTHEAST CORNER OF BUILDING.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - MD - WP - 001 Photo Number: 44 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 0927 Time Out: 0929 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM INTERIOR SURFACE OF METAL ROLLUP DOOR SOUTH EDGE OF BUILDING BETWEEN 7th AND 8th BEAM COUNTING FROM EAST END. VERY DUSTY. PEELING GRAY PAINT ON SURFACE SAMPLED

10 cm x 10 cm AREA

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - BW - PLC - 002 Photo Number: 45 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 0948 Time Out: 0950 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING PAINT COLLECTED FROM INTERIOR SURFACE OF BRICK WALL ON SOUTH EDGE OF BUILDING 2. BROWN PAINT WITH GREEN PAINT UNDERNEATH.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead / Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: R2 - BW - PLC - 002 DUP Photo Number: ~~45~~ 48(a) Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 0952 Time Out: 0953 Sampling Personnel: C. GILLILAND.

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

DUPLICATE OF 32 - BW - PLC - 002

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead / Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - SS - PP - 003 Photo Number: 46 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: ~~1015~~ Time Out: ~~1017~~ 1001 Sampling Personnel: C. CLELLAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

DARK BROWN AND LIGHT BROWN PEELING PAINT COLLECTED FROM VERTICAL SURFACE OF STEEL IBEAM. ON SOUTH SIDE OF BUILDING.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - SS - PP - 003DUP Photo Number: ~~46~~ 49 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1002 Time Out: ~~1075~~ 1003 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

DUPLICATE SAMPLE OF LIGHT BROWN AND DARK BROWN PAINT FROM STEEL I-BEAM IN BUILDING 3.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - BW - PLC - 004 Photo Number: 47 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1015 Time Out: 1017 Sampling Personnel: C. GILLIGAN

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING BROWN PAINT COLLECTED FROM INTERIOR BRICK WALL SURFACE NORTHWEST CORNER OF BUILDING.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead / Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R MATTSON

Sample ID: 1BH - WC - PLC - 010 Photo Number: 62 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1410 Time Out: 1413 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING WHITE PAINT FROM WOOD CEILING OF NORTH SIDE OF BUILDING, NEAR COLUMN 16. MANLIFT USED

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead/Cadmium	6010 B	✓

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: BH - ~~BS~~ - PP - 011 Photo Number: 61 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1414 Time Out: 1415 Sampling Personnel: D. WESSEL HORT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING WHITE PAINT FROM STEEL BEAM AT CEILING NORTH OF COLOUMN 16. ALSO INCLUDED SIMILAR PAINT FROM NEARBY 2½" PIPE. MAN LIFT USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 20

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B20 - SS - PP - 003 Photo Number: _____ Camera # ~~Dual~~ (RW)

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1435 (RW) Time Out: ~~1438~~ (RW) Sampling Personnel: D. WESSELHOFT

Sampling Depth: _____

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

~~PAINT CHIP SAMPLE FOR~~ (RW)

NOT COLLECTED, NO PAINT AVAILABLE BEAM IS PRIMED, NO LOOSE PAINT, ONLY RUST. SUGGEST PCB WIPE INSTEAD, HORIZONTAL SURFACE BEAMS IS ~~CONTAMINATED~~ VISIBLY IMPACTED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - WC - PP - 005 Photo Number: 63 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1458 Time Out: 1500 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WHITE PAINT FROM WOODEN BEAM ON CEILING NORTHWEST CORNER OF BUILDING. PAINT PEELING BADLY.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - HV - WP - 006 Photo Number: 64 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1510 Time Out: 1513 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE FROM CEILING VENT VERTICAL SURFACE IN CENTER OF BUILDING BETWEEN JIB CRANES. GALVANIZED METAL 10 cm x 10 cm. MANLIFT USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - HV - WP - 007 Photo Number: 65 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1520 Time Out: 1523 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM VERTICAL SURFACE OF CEILING VENT ON NORTH EDGE OF BUILDING, SOUTH OF COLUMN D5, RUSTY GALVANIZED METAL.

10 cm x 10 cm MANLIFT USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - WC - PLC - 008 Photo Number: 67 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1548 Time Out: 1550 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING OFF-WHITE PAINT COLLECTED FROM WOODEN CEILING NEAR EAST END OF BUILDING 2. MANLIFT USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead / Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - ~~B2~~ - PP - 009 Photo Number: 66 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/5/08

Time In: 1552 Time Out: 1555 Sampling Personnel: D WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

LIGHT BROWN PEELING PAINT FROM STEEL I BEAM HORIZONTAL SURFACE ON EAST END OF BUILDING. MAN LIFT USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: 08 - DF - PP - 001 Photo Number: 50 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/3/08

Time In: 1456 Time Out: 1458 Sampling Personnel: D. WESSELHOFT.

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

METAL DOOR FRAME IN BUILDING 8. PEELING CREAM COLORED PAINT, FROM TOP OF DOOR FRAME.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: 8 - DF - PLC - 002 Photo Number: S1 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/3/08

Time In: 1500 Time Out: 1502 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

METAL DOOR FRAME SOUTH END OF BUILDING 8. PEELING CREAM-COLORED PAINT FROM TOP OF DOORFRAME

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead/Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK CONTAINMENT **Recorder:** R. MATTSON

Sample ID: B21 - SP - PP - 001 Photo Number: 52 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/3/08

Time In: 1517 Time Out: 1518 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

MINT GREEN PEELING PAINT COLLECTED FROM STEEL FLY/DRAIN PIPE IN SECONDARY CONTAINMENT NEAR TANK #3.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK CONTAINMENT **Recorder:** R. MATTSON

Sample ID: 821 - SP - PLC - 007 Photo Number: 53 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/3/08

Time In: 1519 Time Out: 1521 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

MINT GREEN PEELING PAINT COLLECTED FROM STEEL PIPE/ DRAIN PIPE IN SECONDARY CONTAINMENT NEAR TANK #3.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead/Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 20

Sub-Area/Structure: SLIDING DOOR **Recorder:** R. MATTSON

Sample ID: B20 - MD - PLC - 001 Photo Number: 54 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/3/08

Time In: 1547 Time Out: 1552 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

LIGHT BROWN PAINT FROM END OF METAL SLIDING DOOR. DIFFICULT TO REMOVE.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead/Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 18

Sub-Area/Structure: SLIDING DOOR **Recorder:** R. MATTSON

Sample ID: 818 - MW - PLC - 001 Photo Number: SS Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/3/08

Time In: 1607 Time Out: 1608 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING PAINT, WHITE, FROM SLIDING DOOR, NORTHEAST END OF BUILDING. COLLECTED IN WET CONDITIONS FROM DOOR EXTERIOR

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead / Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 18

Sub-Area/Structure: SLIDING DOOR **Recorder:** R. MATTSON

Sample ID: B16 - MW - PP - 002 Photo Number: 56 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/13/08

Time In: 1609 Time Out: 1610 Sampling Personnel: D. WESSERHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING PAINT, WHITE, FROM SLIDING DOOR EXTERIOR, NORTHEAST END OF BUILDING, COLLECTED IN WET CONDITIONS.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1 HIGH BAY

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTION

Sample ID: 1BH - BW - PLC - 001 Photo Number: 59 Camera # DW

LOTO required? ☐ Yes ☐ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 0903 Time Out: 0907 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING WHITE AND GREEN PAINT FROM INTERIOR SURFACE OF SOUTH BRICK WALL. COMPOSITE OF WHITE AND AQUA COLORED PAINT

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead/Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: IBA - SS - PP - 002 Photo Number: 60 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 0909 Time Out: 0911 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING AQUA PAINT FROM STRUCTURAL STEEL BEAM, WALL STEEL AND PEELING ORANGE PAINT FROM ELECTRICAL CONTROL BOX, INTERIOR OF SOUTH WALL, MIDDLE OF BUILDING CENTERWISE.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: _____

Sub-Area/Structure: OFFICE 1ST FLOOR **Recorder:** R. MATTSON

Sample ID: IB1 - BW - PLC - 003 Photo Number: S7 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 0930 Time Out: 0931 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CREAM COLORED PAINT FROM BRICK WALL AND WOOD DOOR FRAME, INTERIOR CENTRAL OFFICE AREA.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead/Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: OFFICE 1ST FLOOR **Recorder:** R. MATTSON

Sample ID: 1B1 - SS - PP - 004 Photo Number: S8 Camera # DW

LOTO required? ☐ Yes ☐ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 0933 Time Out: 0935 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING CREAM COLORED PAINT FROM STRUCTURAL STEEL COLOUMN IN CENTER OFFICE AREA.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: Light Bay **Recorder:** R. Mattson

Sample ID: 1BH - BW - WP - 005 Photo Number: 12 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1051 Time Out: 1052 Sampling Personnel: ~~D. WESSE~~ C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE COLLECTED FROM PAINTED BRICK WALL INTERIOR OF SOUTH WALL NEAR PREVIOUS PAINT CHIP SAMPLES. APPROX 4' ABOVE FLOOR LEVEL ON BROWN DRIP MARKS. 10 cm x 10 cm AREA.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R MATTSON

Sample ID: 13A - HV - WP - 006 Photo Number: 13 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1105 Time Out: 1108 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE COLLECTED FROM BOTTOM OF VENTILATION SYSTEM ON SOUTH WALL NEAR EAST END OF BUILDING. 10 cm x 10 cm AREA. LADDER USED. VERY DUSTY SURFACE.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: OFFICE 1ST FLOOR **Recorder:** R. MATTSON

Sample ID: 1BL - GW - WP - 007 Photo Number: 14 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1110 Time Out: 1113 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE FOR PCB ANALYSIS COLLECTED FROM GLASS WINDOW IN OFFICE AREA OF BUILDING. WINDOW ON EAST SIDE OF HALLWAY. 1 [illegible] x 10cm

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: High Bay **Recorder:** R. Matson

Sample ID: 1BH - SMP - B - 006 Photo Number: 15 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/06

Time In: 1125 Time Out: 1128 Sampling Personnel: C. Gilliland

Sampling Depth: 2.5 FT

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK SAMPLE COLLECTED FROM ~11" DIA ROUND FLOOR SUMP NEAR COLUMN 5 ON NORTH SIDE. GRAY SANDY DIRT WITH MOISTURE CLUMPS, OPENED SUMP COVER AND COLLECTED DIRT WITH METAL BOWL, COLLECTED SAMPLE FROM METAL BOWL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTISON

Sample ID: IBH - SMP - WP-B-009 Photo Number: 16 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1135 Time Out: 1136 Sampling Personnel: C. GILLILAND

Sampling Depth: 1 FT.

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

COLLECTED SOIL, BLACK ~~DRY~~ DEBRIS FROM RECTANGULAR SUMP NEAR COLUMN 12. SUMP CONTAINS BROKEN GLASS, TENNIS BALL, CONCRETE CORES AND HAS 4 STEEL PIPES GOING INTO IT. PIPES APPEAR TO BE WATER OR LIQUID CONDUITS.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 18

Sub-Area/Structure: N/A **Recorder:** R. MATTSON

Sample ID: B18 - SS - WP - 003 Photo Number: 17 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1302 Time Out: 1304 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE FROM HORIZONTAL SURFACE OF STRUCTURAL STEEL BEAM NORTH END OF BUILDING. DUSTY. 10 cm X 10 cm.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 18

Sub-Area/Structure: MA **Recorder:** R. Matyson

Sample ID: B18 - SS - WP - 003DUP Photo Number: 18 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1308 Time Out: 1310 Sampling Personnel: C. Gilliland

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

10 cm x 10 cm Duplicate sample of B18-SS-WP-003

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 20

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B20 - MD - WP - 002 Photo Number: 19 Camera # 2W

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1324 Time Out: 1326 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EXTERIOR VERTICAL SURFACE OF METAL SLIDING DOOR WHITE METAL SURFACE, DUSTY, RAINED ON YESTERDAY. NORTH SIDE OF DOOR. 10 cm x 10 cm BOX.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: PUMP HOUSE

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: PHT - EQ - WP - 001 Photo Number: 30 Camera # DW

LOTO required? ☐ Yes ☑ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1330 Time Out: 1331 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM TOP SURFACE OF WATER PIPE IN NORTHEAST CORNER OF PUMP HOUSE. BROWN DUST PRESENT. 10 cm X 10cm BOX.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B08 - CW - B - 003 Photo Number: 21 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1340 Time Out: 1342 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK SAMPLE OF WHITE SAND BLASTING MEDIA ON WEST WALL OF BUILDING 8.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: GEOSYNTEC CABINET **Recorder:** R. MATTSON

Sample ID: B21 - EQ - WP - 003 Photo Number: 22 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1345 Time Out: 1351 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

VERTICAL SURFACE OF ORANGE METAL CABINET WHERE GEOSYNTEC HAS BEEN STORING SUPPLIES. VISUALLY CLEAN SURFACE. 10 CM x 10 CM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - MW - WP - 004 Photo Number: ~~23~~ 23 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1355 Time Out: 1400 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

INTERIOR SURFACE OF SHEET METAL, VERTICAL SURFACE

WIPE LIGHT RUST STAINING PRESENT. SAMPLE COLLECTED

BEHIND LIQUID TRANSFER SYSTEM LABELED "CORROSIVE CHEMICALS" 10 cm x 10 cm.

SOUTH WALL OF EAST ROOM.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - MW - WP - 005 Photo Number: 24 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1405 Time Out: 1407 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

VERTICAL INTERIOR METAL WALL, ~~EAST~~ WEST SIDE OF BUILDING. ENTIRE ~~EAST~~ WEST WALL BUILDING APPEARS CLEAN.

10m x 10cm

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: N/A **Recorder:** R. MATTSON

Sample ID: 521 - TK - WP - 006 Photo Number: 25 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1412 Time Out: 1414 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EXTERIOR ~~SAMP~~ (2) SURFACE OF TANK 4. DUST PRESENT.

10 cm x 10 cm AREA.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R MATTSON

Sample ID: B21 - SP - WP - 007 Photo Number: 26 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1420 Time Out: 1422 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EXTERIOR SURFACE OF 2.5" DIA STEEL PIPE LABELED "2 1/2 EFF." BROWN DRIP PRESENT. 10 cm x 10 cm AREA. CENTER OF BUILDING.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: MA **Recorder:** R. MATTSON

Sample ID: B21 - JK - WP - 008 Photo Number: 24 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1425 Time Out: 1431 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EXTERIOR METAL SURFACE OF TANK 9, MINIMAL DUST. 10 cm x 10 cm AREA

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - SMP - B - 009 Photo Number: 28 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1435 Time Out: 1436 Sampling Personnel: C. CLELLAND

Sampling Depth: 1 FT.

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

DEBRIS SAMPLE FROM SUMP IN TANK 9 SECONDARY CONTAINMENT. SUMP IS DRY, COLLECTED DARK BROWN CRUST-LIKE MATERIAL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 17

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B17 - MW - WP - 001 Photo Number: 29 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1400 Time Out: 1454 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

INTERIOR SURFACE OF METAL SHEET PANEL ON NORTH SIDE OF BUILDING 17. UNPAINTED AND UNSTAINED 10 CM x 10 CM.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 17

Sub-Area/Structure: NA **Recorder:** R MATTSON

Sample ID: B17 - MW - WP - 002 Photo Number: 30 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1500 Time Out: 1503 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EXTERIOR VERTICAL SURFACE OF METAL PANEL ON SOUTH SIDE OF ROOM STRUCTURE IN BUILDING 17. DUSTY ON BLACK SPLOTCHING. 10 CM x 10CM.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 17

Sub-Area/Structure: NA **Recorder:** R Matison

Sample ID: B17 - MS - PLC - 003 Photo Number: 31 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1510 Time Out: 1511 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING YELLOW PAINT FROM METAL STAIRCASE AT WEST END OF BUILDING 17. NEAR LOADING DOCK.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead / Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 17

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B17 - MS - PP - 004 Photo Number: ~~32~~ 34 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1511 Time Out: 1512 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING YELLOW PAINT FROM METAL SURFACE OF STAIRCASE AT WEST END OF BUILDING 17. NEAR LOADING DOCK

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 9

Sub-Area/Structure: N/A **Recorder:** R. MATTSON

Sample ID: B09 - MW - PLC - 001 Photo Number: ~~35~~ 36 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/4/08

Time In: 1505 Time Out: 1507 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING CREAM COLORED PAINT FROM SOUTH SIDE OF BUILDING EXTERIOR.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
Lead / Cadmium	6010	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 9

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B9 - MW - PP - 002 Photo Number: ~~HF~~ Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist) 32 (Rx)

Date: 11/4/08

Time In: 1527 Time Out: 1528 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

PEELING CREAM - COLORED PAINT FROM SOUTHSIDE OF BUILDING EXTERIOR NEAR DOOR

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 17

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B17 - SP - WP - 005 Photo Number: 68 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/6/08

Time In: 0913 Time Out: 0914 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE COLLECTED FROM 6" FIRE PIPE AT CEILING OF BUILDING 17. RUST AND DUST PRESENT.

10 CM X 10 CM AREA. MANLIFT USED. COLLECTED ON BROWN STEEL PIPE.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	X
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 17

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B17 - WC - CP - 006 Photo Number: 69 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) NA STEVE SMITH CLEAR

Date: 11/6/08

Time In: 0924 Time Out: 0926 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE COLLECTED FROM CEILING SUPPORT BEAM. TREATED WOOD. MANLIFT USED, ~~HILTI~~ HILTI DRILL WITH WOOD CORING BIT USED. NORTH END OF BUILDING. BEAM APPEARS TO HAVE BEEN TREATED WITH NO STAIN.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 17

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B17 - WC - CHWP 007 Photo Number: 70 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) NA STEVE SMITH CLEAR

Date: 11/6/08

Time In: _____ Time Out: 1038 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WOOD CORE COLLECTED FROM CEILING OF BUILDING, NORTH SIDE APPEARS TO BE TREATED PLYWOOD, MAY HAVE BEEN PAINTED WITH WOOD STAIN. HILTI DRILL WITH WOOD CORING BIT USED. MANLIFT USED.

PID ON HEADSPACE: 22.5 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
TTLC Metals, VOC, SVOC		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 17

Sub-Area/Structure: HIGH BAY **Recorder:** C. GILLILAND

Sample ID: B17 -WS CHWP-008 Photo Number: 71 Camera # DW

LOTO required? ☑ Yes ☐ No (If yes attach LOTO checklist) NAS SMITH CLEAR

Date: 10/6/08

Time In: 1059 Time Out: 1117 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WOOD CORE COLLECTED FROM WOOD SUPPORT COLUMN. COLUMN TREATED WITH CREASOTE. HILTI DRILL W/ WOOD CORING BIT USED.

PID ON HEADSPACE: 194 PPM.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	x
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	x
TCLP VOCs	SW1311/8260	x
TCLP SVOCs	SW1311/8270	x
Ignitability	SW1010	x
Corrosivity	SW9045	x
Other		
TL C C metals VOCs SVOCs		x

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B7

Sub-Area/Structure: HIGH BAY **Recorder:** R MATTSON

Sample ID: B7 - WS - CP - 009 Photo Number: 72 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) NA S. SMITH CLEAR

Date: 11/6/08

Time In: 1339 Time Out: 1354 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WOOD CORE COLLECTED FROM WOOD SUPPORT COLUMN (TELEPHONE POLE) ON EAST END OF BUILDING NEAR OFFICE ROOM. HILTI DRILL W/ WOOD CORING BIT USED. POLE IS CREOSOTE TREATED ALSO HAD GREEN TINGE IN SAMPLED AREA WHICH MAY HAVE BEEN OLD STAIN OR PAINT.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: BS - HV - WP - 004 Photo Number: 73 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/6/08

Time In: 1500 Time Out: 1501 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE FROM METAL CEILING VENT IN BUILDING 8 CENTER OF CEILING. MANLIFT USED. ~~METAL IS BROWN IN COLOR FROM RUST OR PAINT.~~ (DW) ACCESS FROM ROOF BY LIFTING VENT FLAP. GALVANIZED METAL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: BG - WC - CHWP - 005 Photo Number: 74 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) NA S. SMITH APPROVE

Date: 11/6/08 / 11/7/08

Time In: 1510/0815 Time Out: 1540/0820 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 1.5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE SAMPLE COLLECTED OF CEILING BEAM THROUGH ROOF SKYLIGHT. VERTICAL SURFACE OF WOODEN SUPPORT BEAM. TREATED WOOD. CORING BIT BEGAN TO FAIL. ONLY 2 102. COLLECTED WILL CONTINUE ON 11/7/08

OVM = ~~38~~ 395 ppm Thermo Electron Model 580B OVM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
TTLC Metals, VOC, SVOC		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B8 - CF - CP - 006 Photo Number: 75 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) NA S. SMITH CLEAR

Date: 11/6/08

Time In: 1620 Time Out: 1626 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CONCRETE CORE SAMPLE FROM FLOOR IN SOUTHERN "ROOM" OF BUILDING 8. UNSEALED CONCRETE LIGHT STAINING AND BIOLOGICAL GROWTH FROM RAIN PRESENT.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B8 - CF - CP - 006 DUP Photo Number: 76 Camera # PN

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) NA S. SMITH CLEAR

Date: 11/6/08

Time In: 1630 Time Out: 1635 Sampling Personnel: D. WESSERHOFT

Sampling Depth: 5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

DUPLICATE OF B8-CF-CP-006.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B8 - WW - CP - 007 Photo Number: 77 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) NA S.SMITH CLEAR

Date: 11/7/06

Time In: 0840 Time Out: 0845 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 0.5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

FULL CORE THROUGH PLYWOOD WALL SEPARATING ROOMS OF BUILDING 8. DRILLED FROM NORTH ROOM INTO PLYWOOD AND STUD. PUSH COMPLETELY THROUGH PLYWOOD. PLYWOOD APPEARS TREATED AND SANDBLASTED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - WC - CP - 010 Photo Number: 78 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) NA : S. SMITH CLEAR

Date: 11/7/08

Time In: 0925 Time Out: 0942 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 2"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE COLLECTED FROM PAINTED WOODEN CEILING NEAR STATIC AIR VENT. WHITE PAINTED WOODEN CEILING. TOOK 4 2" DEPTH CORES TO RUBBER ROOFING MATERIAL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - WC - CP - 011 Photo Number: 74 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) NA. S. SMITH CLEAR

Date: 11/7/08

Time In: 0945 Time Out: 0955 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 2"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE COLLECTED FROM PAINTED WOOD CEILING IN CENTER OF BUILDING BETWEEN JIB CRANES. 3 2" DEPTH CORES COLLECTED

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - WC - CHWP - 012 Photo Number: 80 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/7/08

Time In: 1005 Time Out: 1020 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 2"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE COLLECTED FROM PAINTED WOOD CEILING AT EAST END OF BUILDING. WHITE PAINT IS PEELING. ALSO COLLECTED FROM SIDE OF CEILING WOOD BEAM

OVM READING: 6.4 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
TTLC Metals, VOC, SVOC		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: NORTH OFFICES **Recorder:** R. MATTSON

Sample ID: B2 - SW - CP - 013 Photo Number: 81 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) NA S. SMITH CLEAR

Date: 11/7/08

Time In: 1050 Time Out: 1052 Sampling Personnel: D. WESSELHOFT

Sampling Depth: FULL

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK SAMPLE COLLECTED FROM SHEETROCK WALL OF NORTH OFFICE BUILDING. BLACK MOLD PRESENT ON SHEETROCK.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** F. MATTSON

Sample ID: 1BH - WC - CP - 012 Photo Number: 82 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist)

Date: 11/7/08

Time In: 1130 Time Out: 1140 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 1.5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE FROM WOOD CEILING OF MIDDLE HIGH BAY OF BUILDING 1. PAINTED WOOD, TWO CORES COLLECTED TO RUBBER ROOFING MATERIAL. HILTI DRILL W/ WOOD CORE BIT (MILWAUKEE). MANLIFT USED. LEVEL C. WEST END OF BUILDING.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - WC - CHWP - 013 Photo Number: 83 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) NA S. SMITH CLEAR

Date: 11/7/08

Time In: 1145 Time Out: 1219 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 1.5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE FROM WOOD CEILING IN CENTER OF HIGH BAY, PAINTED WOOD FROM CEILING AND SUPPORT BEAMS.

OVM READING: 15.1 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
TTLC Metals, VOC, SVOC		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - WC - CP - 014 Photo Number: 84 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist)

Date: 11/7/06

Time In: 12:30 Time Out: 1240 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 1.5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WOOD CEILING EAST END OF HIGH BAY. PAINTED WOOD. CORED TO BLACK RUBBER MATERIAL. HILTI DRILL WITH MILWAUKEE CORING BIT. MANLIFT USED. LEVEL C.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: NA

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: EQUIP BLANK - WDB - 001 Photo Number: NA Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/7/08

Time In: 1445 Time Out: 1500 Sampling Personnel: J. AMMERMAN

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EQUIPMENT BLANK FROM MILWAUKEE WOOD CORING BIT

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 18

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B18 - CF - CP - 004 Photo Number: 85 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/7/06

Time In: 1445 Time Out: 1504 Sampling Personnel: D. WESSEL/TOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE IN ~~UNSEALED~~ UNPAINTED CONCRETE FLOOR. NORTH END OF BUILDING, WHITE STAINING PRESENT. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 18

Sub-Area/Structure: NA **Recorder:** F. MATTSON

Sample ID: B18 - CF - CHWP - 005 Photo Number: 86 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/7/08

Time In: 1508 Time Out: 1516 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE FROM UNPAINTED CONCRETE FLOOR IN CENTER OF BUILDING. CORE THROUGH SLAB TO SOIL. SIX CORES NEEDED TO COLLECT ENOUGH MATERIAL. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: 11.2 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
TTLC Metals, VOC, SVOC		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 18

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B18 - SW - CP - 006 Photo Number: 87 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/7/08

Time In: 1520 Time Out: 1533 Sampling Personnel: D. WESSERHOFT

Sampling Depth: ~~[illegible]~~ NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK SHEETROCK SAMPLE REMOVED FROM EAST WALL OF OFFICE ROOM IN BLDG 18. GRAY PAINTED SHEETROCK.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 18

Sub-Area/Structure: N/A **Recorder:** R. MATTSON

Sample ID: B18 - CF - CP - 007 Photo Number: 88 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/7/08

Time In: 1535 Time Out: 1542 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE COLLECTED FROM CONCRETE FLOOR OF BUILDING NEAR SOUTH ROLLUP DOOR. CORE THROUGH SLAB TO SOIL. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 30

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B20 - CF - CP - 004 Photo Number: 91 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 0810 Time Out: 0817 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE COLLECTED ON UNPAINTED CONCRETE FLOOR ON DARK STAINING IN NORTHWEST CORNER OF BUILDING. OUTSIDE OF SECONDARY CONTAINMENT BERM. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 70

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B70 - SS - WP - 003 Photo Number: 89 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/10/08

Time In: ~~0830~~ 0845 Time Out: ~~0840~~ 0849 Sampling Personnel: G. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE COLLECTED INSTEAD OF PAINT CHIP SAMPLE ON STRUCTURAL STEEL BEAM IN NORTHEAST CORNER OF BUILDING 70. BLACK STAINING/DUST PRESENT. 10 cm x 10 cm AREA.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 70

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B70 - SS - WP - 003DUP Photo Number: 90 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/10/08

Time In: 0845 Time Out: 0850 Sampling Personnel: C. GILLILAND

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

DUPLICATE SAMPLE OF B70-SS-WP-003

10 cm x 10 cm AREA

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 20

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B20 - CF - CHMP 005 Photo Number: 92 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 0820 Time Out: 0840 Sampling Personnel: D. WESSELHOEFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CONCRETE CORE COLLECTED FROM UNPAINTED AND UNSTAINED CONCRETE IN CENTER OF BUILDING IN SECONDARY CONTAINMENT. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: 2672 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
Title Metals, VOCs, SVOCs		X

* HEATED ZIPLOCK BAG ON DASHBOARD PRIOR TO SAMPLE WITH VEHICLE HEATED AIR.

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 20

Sub-Area/Structure: N/A **Recorder:** R. MATTSON

Sample ID: B20 - CF - CP - 006 Photo Number: 93 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) B. SMITH CLEAR

Date: 11/10/08

Time In: 0845 Time Out: 0852 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CONCRETE CORE COLLECTED FROM UNPAINTED CONCRETE FLOOR IN SOUTHEAST CORNER OF BUILDING. IN SECONDARY CONTAINMENT. BLACK, TAR LIKE MATERIAL ON CONCRETE SURFACE. APPEARS TO HAVE BUBBLED AND DRIED WITH AIR UNDERNEATH IN CERTAIN LOCATIONS. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	
VOCs	SW8260	X
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: PHT

Sub-Area/Structure: Pump House **Recorder:** R. MATTSON

Sample ID: PHT - CF - CMWP - 002 Photo Number: 94 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 0905 Time Out: 0934 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE FROM UN PAINTED CONCRETE FLOOR IN PUMP HOUSE ON ~~CLEAN~~ (W) UNSTAND BUT DUSTY CONCRETE IN CENTER OF PUMP HOUSE. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE 7.5 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: PHT

Sub-Area/Structure: Pump House **Recorder:** R. MATTSON

Sample ID: PHT - CF - CP - 003 Photo Number: 95 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLERK

Date: 11/10/08

Time In: 0937 Time Out: 0942 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-7"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CONCRETE CORE COLLECTED FROM LIGHTLY STAINED CONCRETE FLOOR NEAR PUMP. APPEARS TO HAVE STAINING FROM LEAKING PUMP OIL. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - CF - CP - 008 Photo Number: 96 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 1030 Time Out: 1037 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE IN CONCRETE FLOOR ON SOUTHEAST END OF HIGH BAY. UNPAINTED CONCRETE. LIGHT COLOR OR FADING IN CONCRETE SEAL PRESENT. BOSCH HAMMER DRILL USED

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - CF - CHIP - 009 Photo Number: 97 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 1040 Time Out: 1111 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CONCRETE CORE IN UNPAINTED CONCRETE CENTERED NORTH-SOUTH ON EAST END OF BUILDING. NO STAINING OBSERVED. BOSCH HAMMER DRILL USED.

OVM HEADSPACE READING: 8.7 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
+TLC Metals, VOC, SVOC		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - CF - CP - 010 Photo Number: 73 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 1115 Time Out: 1127 Sampling Personnel: D. WESSEL/HOFT

Sampling Depth: 6-7"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE SAMPLE FROM UNPAINTED CONCRETE ON NORTHEAST PORTION OF BUILDING. NO STAINING OBSERVED ON DRILL LOCATION; WHITE WATER STAINS NEAR NORTH WALL. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: High Bay **Recorder:** C. Gilliland

Sample ID: B4 -CF -CP -001 Photo Number: 99 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 4/16/08

Time In: 1142 Time Out: 1145 Sampling Personnel: J. Wasselhoft

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILL SAMPLE FROM UNPAINTED SEALED CONCRETE IN NORTHWEST PORTION OF BUILDING. NO STAINING OBSERVED CONCRETE IS CRACKED SLIGHTLY NEARBY. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: High Bay **Recorder:** R. MATTSON

Sample ID: B4 - CF - CHWP - 012 Photo Number: ~~93~~ 100 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 11 50 Time Out: 1214 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED FROM CONCRETE FLOOR CENTERED NORTH-SOUTH ON WEST END OF BUILDING. LIGHT-COLORED STAINING PRESENT. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: 15.6 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
TTLC Metals, VOC, SVOC		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - CE - CP - 013 Photo Number: 44 101(2) Camera # DW

LOTO required? ☑ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 1218 Time Out: 1224 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED FROM CONCRETE FLOOR IN SOUTHWESTERN PORTION OF BUILDING. LIGHT STAINING OR FADED SEAL PRESENT ON CONCRETE SURFACE. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: CP

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - WW - CP - 014 Photo Number: 102 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 1440 Time Out: 1448 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 2.5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WOOD CORE FROM VERTICAL SURFACE OF FLOOR RUNNING BOARD, SOUTH END OF STATION, CENTERED EAST-WEST. 3"x12" treated WOOD PLANK.
HILTI DRILL WITH WOOD CORING BIT USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B4 - PW - CP - 015 Photo Number: 103 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/10/08

Time In: 1453 Time Out: 1457 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 1"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WOOD CORE COLLECTED FROM STAINED PLYWOOD LYING FLAT UNDER ORANGE CARGO RACKS IN NORTHWEST CORNER OF BUILDING. HILTI DRILL WITH WOOD CORING BIT USED. WHITE STAINING PRESENT.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 4

Sub-Area/Structure: ~~HIGH BAY~~ MAC **Recorder:** R. MINTSON

Sample ID: B4 - WW - CHWP - 003 Photo Number: 104 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/10/08

Time In: 1530 Time Out: 1535 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 5"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WOOD CORE FROM RAILROAD TIE BASE OF BUILDING 9. BLACK WOOD APPEARS TO BE CREOSOTE TREATED. HIT WITH IRWIN WOOD CORING BIT USED. STRONG CHEMICAL ODOR.

OVM HEADSPACE READING: >2,000 PPM

OVERRANGE OF OVM, MORE THAN 2,000 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
TTLC Metals, Cd, SVOC		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B17

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B17 - CF - CP - 010 Photo Number: 105 Camera # PW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 1615 Time Out: 1630 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CONCRETE CORE FROM UNPAINTED BUT SEALED CONCRETE FLOOR. EAST SIDE OF BUILDING NORTH OF OFFICE ROOM. ON OIL STAINED CONCRETE NEAR GREEN TRANSFORMER. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B17

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B17 - CF - CP - 010DUP Photo Number: ~~105~~ 105 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 1615 Time Out: 1620 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

DUPLICATE SAMPLE OF B17-CF-CP-010

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B17

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B17-EQUIPBLANK-HDB-01 Photo Number: NA Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/10/08

Time In: 1630 Time Out: 1634 Sampling Personnel: C. GILLILAND

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EQUIPMENT BLANK BY TWO-WAY HAMMER DRILL BIT.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
STLC Metals, VOCs, SVOCs		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B7

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B17 - CF - CHMP - 011 Photo Number: 106 Camera # 2W

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 1630 Time Out: 1651 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6" - 8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CONCRETE CORE COLLECTED FROM UNPAINTED BUT SEALED CONCRETE FLOOR CENTER TOWARDS NORTHEAST OF BUILDING 17. NO VISIBLE STAINING OBSERVED. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE:

18.3 PPM.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		
TTLC SVOCs VOCs Metals		X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 17

Sub-Area/Structure: 1764 BAY **Recorder:** R. MATTSON

Sample ID: B17 - CF - CP - 012 Photo Number: 107 Camera # DIN

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/10/08

Time In: 1655 Time Out: 1705 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CONCRETE CORE COLLECTED FROM UNPAINTED BUT SEALED CONCRETE FLOOR. MILD DARK STAINING PRESENT, EMANATING FROM POLE SUPPORT. COLLECTED IN OTHER STAINING OUTSIDE OF POLE STAIN. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - WW - CP - 015 Photo Number: 108 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/08

Time In: 0850 Time Out: 0903 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 2"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN PAINTED WOOD PLANK WALL AT WEST END OF BUILDING, NORTH OF ROLLUP DOORS. AQUA COLOR PAINT ON WOOD. DRILLED COMPLETELY THROUGH WALL. HILTI DRILL WITH IRWIN BIT USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - CE - CP - 016 Photo Number: 109 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH GEAR

Date: 11/11/08

Time In: 0908 Time Out: 0912 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR OF TRAIN LOADING BAY AT WEST END OF ~~STAIR~~ BUILDING NEAR FLOOR DRAIN. PUSHED THROUGH CONCRETE SLAB. UNPAINTED CONCRETE. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - BW - CP - 017 Photo Number: 110 Camera # PW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/07

Time In: 0920 Time Out: 0926 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 3-4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE OF PAINTED BRICK WALL ON SOUTH EDGE OF BUILDING TOWARDS WEST END. AQUA COLOR PAINT ON BRICK, BRICK IS RED/ORANGE IN COLOR. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - CF - CP - 018 Photo Number: 111 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/08

Time In: 0930 Time Out: 0933 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED FROM CONCRETE FLOOR IN CENTER OF BUILDING NORTH-SOUTH WISE TOWARDS WEST END. FRESH BLACK OIL STAIN PRESENT ON SURFACE OF CONCRETE. JIB CRANE DIRECTLY ABOVE STAIN. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - CF - CHWP 019 Photo Number: 112 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/08

Time In: 0935 Time Out: 1011 Sampling Personnel: D. WESSERHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED FROM UNSTAINED, UNPAINTED CONCRETE FLOOR IN CENTER OF BUILDING. APPROX 1/4" THICK SEALANT LAYER ON TOP OF CONCRETE AT THIS LOCATION WHICH PRODUCES WHITE POWDER WHEN DRILLED.

OVM READING ON HEADSPACE: 22.6 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOC, SVOC.

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - BW - CHWP - 020 Photo Number: 113 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S SMITH CLEAR

Date: 11/11/08

Time In: 1020 Time Out: 1051 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 3-4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED FROM "CLEAN" BRICK WALL. SURFACE IS PAINTED WITH AQUA COLORED PAINT BUT IS OTHERWISE UNSTAINED. SOUTH EDGE OF BUILDING, CENTERED EAST-WEST. BOSCH HAMMER DRILL USED. SAMPLE LOCATION MOVED FROM CINDER BLOCK TO BRICK. APPEARS FROM OUTSIDE OF BUILDING TO BE NEWER BRICK USED TO REPLACE A LARGE WINDOW.

OVM READING ON HEADSPACE: 7.0 PPM

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOC, SVOC

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - CP - CP - 021 Photo Number: 114 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/08

Time In: 1300 Time Out: 1304 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED FROM UNPAINTED CONCRETE FLOOR IN CENTER OF BUILDING. COLLECTED ON DARK STAINING IN FOCUSED AREA NORTH OF GRAVEL FILLED PITS. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HG14 **Recorder:** R. MATTSON

Sample ID: 1B14 - CP - CP - 022 Photo Number: 115 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/08

Time In: 1306 Time Out: 1311 Sampling Personnel: D. WESSECHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN UNPAINTED CONCRETE FLOOR ON NORTHERN EDGE OF BUILDING CENTERED EAST-WEST. LOCATED ON VERY DARK BLACK STAINED CONCRETE NEAR TANK SADDLES IN SECONDARY CONTAINMENT. TANK IS NO LONGER PRESENT. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - BW - CP - 003 Photo Number: 116 Camera # PV

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLERK

Date: 11/11/08

Time In: 1315 Time Out: 1319 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 3-4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN LOWER PORTION OF BRICK WALL SOUTH EDGE OF BUILDING TOWARDS CENTER EAST-WEST WISE ~~WHITE~~ AQUA (BW) COLORED PAINT ON BRICK INTERIOR SURFACE. BLACK SCUFF-LIKE STAINING ON BRICK WALL. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1 HIGH BAY

Sub-Area/Structure: ~~1BH-CF-CHWP-024~~ **Recorder:** R. MATTSON

Sample ID: 1BH - CF - CHWP - 024 Photo Number: 117 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/08

Time In: 1325 Time Out: 1359 Sampling Personnel: D. WESSELHOFT

Sampling Depth: ~~6-8"~~ 2"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN UNPAINTED CONCRETE FLOOR ON EAST END OF HIGH BAY CENTERED NORTH-SOUTH. NO VISIBLE STAINING OBSERVED. BOSCH HAMMER DRILL USED. SLAB IS ONLY ~2" THICK AT THIS LOCATION. 1/8" THICK SEALANT PRODUCES BLACK CUTTINGS FOLLOWED BY CONCRETE BELOW.

OVM Reading on Headspace: 49.4 PPM

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - BW - CHWP - 025 Photo Number: 118 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/08

Time In: 1410 Time Out: 1449 Sampling Personnel: P. WESSELHOFT

Sampling Depth: 3-4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN BRICK ; NORTH EDGE OF HIGH BAY TOWARDS EAST END. 1 COLORED PAINT ON BRICK SURFACE BUT OTHERWISE NO STAINING. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: 15.5 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - CF - CP - 026 Photo Number: 119 Camera # DV

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/08

Time In: 1453 Time Out: 1504 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR NEAR SUMP IN NORTHEASTERN PORTION OF HIGH BAY. SAMPLE 1BH-SMP-B-008 PREVIOUSLY COLLECTED FROM SUMP. FLOOR IS UNPAINTED. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - CF - CP - 027 Photo Number: 120 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/11/08

Time In: 1508 Time Out: 1514 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE COLLECTED FROM UNPAINTED CONCRETE FLOOR IN SOUTHEAST CORNER OF HIGH BAY.

BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - BW - CP - 028 Photo Number: 121 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist)

Date: 11/11/08

Time In: 1520 Time Out: 1527 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 3-4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN BRICK WALL, EAST WALL OF HIGH BAY/ WEST WALL OF OFFICE. DRILLED FROM HIGH BAY. AQUA COLORED PAINT ON SURFACE

BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: NA

Sub-Area/Structure: NA **Recorder:** R. MADSON

Sample ID: EQUIPBLANK-HDB-002 Photo Number: NP Camera # P

LOTO required? ☐ Yes ☑ No (If yes attach LOTO checklist)

Date: 11/11/08

Time In: 1530 Time Out: 1537 Sampling Personnel: D. WESSELHOFT

Sampling Depth: N/A

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EQUIPMENT BLANK ON 3/4" 4-WAY HAMMER DRILL BIT.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: SOUTH ROOM **Recorder:** R. MATTSON

Sample ID: B8 - CW - CP - 008 Photo Number: 124 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 0755 Time Out: 0758 Sampling Personnel: D. WESSERHOFT

Sampling Depth: 3"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED CONCRETE BLOCK WALL, SOUTH WALL OF BUILDING 8. UNPAINTED CONCRETE BLOCK. WHITE POWDER STAIN PRESENT AT DRILLING LOCATION. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: SOUTH ROOM **Recorder:** R. MATTSON

Sample ID: BS - CW - CHWR 009 Photo Number: 125 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 0800 Time Out: 0824 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6'

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN UNPAINTED CONCRETE BLOCK WALL, EAST WALL OF BUILDING. NO STAINING ON INTERIOR SURFACE PRESENT. BOSCH HAMMER DRILL USED. COMPLETELY THROUGH BLOCK WALL. EXTERIOR OF BUILDING IS PAINTED WITH BROWN-YELLOW COLORED PAINT.

OVM READING ON SAMPLE HEADSPACE: 0.0 PPM

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

TTLC Metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NORTH ROOM **Recorder:** R. MATTSON

Sample ID: B8 - CF - CHWP - 010 Photo Number: 176 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 0830 Time Out: 0900 Sampling Personnel: D. WESSELHOFT

Sampling Depth: ~6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN UNPAINTED ~~AND ON~~ (R) CONCRETE FLOOR IN NORTH ROOM OF BUILDING 8. NO STAINING PRESENT BUT SANDBLASTING MEDIA SCATTERED ON FLOOR NEAR SAMPLE LOCATION. COLLECTED NORTH OF TRENCH. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: ~~299~~ (R) 0.0* PPM

*NEW OVM 11/13/08

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOCs, SVOCs.

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 8

Sub-Area/Structure: NORTH ROOM **Recorder:** R. MATTSON

Sample ID: B8 - CF - CHWP - 010DUP Photo Number: 176 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH GEAR

Date: 11/17/08

Time In: 0909 Time Out: 0919 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN UNPAINTED CONCRETE FLOOR, DUPLICATE SAMPLE OF B8-CF-CHWP-010. BOSCH HAMMER DRILL USED. DRILLED COMPLETELY THROUGH SLAB.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: OFFICE LOWER LEVEL **Recorder:** R. MATTSON

Sample ID: ~~1BH~~ 1BI - BW - CHWP - 029 Photo Number: 122 Camera # PW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 1000 Time Out: 1028 Sampling Personnel: C. GILLILAND

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN BRICK WALL, SOUTH EDGE OF OFFICE BUILDING. WHITE PAINT PRESENT ON INTERIOR SURFACE. APPEARED TO DRILL THROUGH 2 BRICK LAYERS. BOSCH HAMMER DRILL USED.

OLD ~~OVM~~ ERROR

OVM READING ON HEADSPACE: ~~166.6~~ (ppm) PPM

NEW OVM 0.0 PPM. 11/13/08

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: OFFICE BUILDING LOWER **Recorder:** R. MATTSON

Sample ID: 1B1 - BW - CP - 031 Photo Number: 123 Camera # DV

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 1030 Time Out: 1039 Sampling Personnel: C. GILLILAND

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED FROM PAINTED BRICK WALL OF STAIRWELL HALLWAY IN LOWER LEVEL OF BUILDING 1. WHITE PAINT ON INTERIOR SURFACE. CUTTINGS ARE RED-BROWN. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: OFFICE 2ND FLOOR **Recorder:** R. MATTSON

Sample ID: 1B2 - BW -CHWP-032 Photo Number: 127 Camera # DV

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 1110 Time Out: 1148 Sampling Personnel: C. GILLICAND

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED ON PAINTED BRICK WALL 2ND STORY NORTH WALL. WHITE PAINT ON INTERIOR SURFACE. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: 0.0 * PPM

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

* NEW OVM 11/13/08

3 TTLC Metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - BW - CHWP 014 Photo Number: 128 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 1435 Time Out: 1500 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN PAINTED BRICK WALL, EAST WALL OF BUILDING. BROWN PAINT PRESENT ON INTERIOR SURFACE. NO STAINING PRESENT ON BRICK. BOSCH HAMMER DRILL USED. TWO LAYERS OF BRICK DRILLED THROUGH.

OVM READING ON HEADSPACE: 0.0* PPM.

*NEW OVM 11/13/08

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - BW - CP - 015 Photo Number: 129 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 1502 Time Out: 1507 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED FROM PAINTED BRICK WALL ON SOUTH WALL OF BUILDING TOWARDS EASTERN END. BROWN PAINT PRESENT ON BRICK SURFACE, NO VISIBLE STAINING OBSERVED. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CF - CP - 016 Photo Number: 130 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 1510 Time Out: 1515 Sampling Personnel: C. GILLILAND

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR FLOOR IN SECONDARY CONTAINMENT AREA ON EAST END OF BUILDING. DARK STAINING PRESENT ~~APPEARS TO BE WATER~~ (PW) BOSCH HAMMER DRILL USED. ~~LE~~ (PW) PAINT CHIPS PRESENT.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - BW - CP - 017 Photo Number: 131 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/12/08

Time In: 1519 Time Out: 1523 Sampling Personnel: D. WESSERHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

~~CONCRETE~~ (P) CORE DRILLED IN PAINTED BRICK WALL, NORTH WALL OF BUILDING TOWARDS EAST END. BROWN PAINT ON BRICK SURFACE. NO STAINING OBSERVED. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CF - CHWP - 018 Photo Number: 132 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH

Date: 11/12/08

Time In: 1525 Time Out: 1550 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN UNPAINTED CONCRETE FLOOR IN CENTER OF BUILDING. LIGHT STAINING AND SEALANT PRESENT. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: 2.5* PPM.

*New OVM 11/13/08

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: NA

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: EQUIP BLANK - HDB-003 Photo Number: NA Camera # _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/12/08

Time In: 1600 Time Out: 1615 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EQUIPMENT BLANK OF 3/4" 4-WAY HAMMER DRILL BIT.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

TTLC metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CF - CP - 019 Photo Number: 133 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S.SMITH CLEAR

Date: 11/13/08

Time In: 0918 Time Out: 0923 Sampling Personnel: ~~B.C~~ D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR, CENTER OF BUILDING. UNPAINTED BUT SEALED CONCRETE. BLACK OILY STAINING PRESENT ~~[illegible]~~ PAINT CHIPS ON FLOOR. BOSCH HAMMER DRILL USED. DRILLED THROUGH SLAB.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CF - CP - 019DUP Photo Number: 133 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR.

Date: 11/13/08

Time In: 0924 Time Out: 0926 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN STAINED CONCRETE FLOOR, CENTER OF BUILDING. DUPLICATE OF B2-CF-CP-019. BOSCH HAMMER DRILL USED. DARK STAINING AND DAMAGED SEALANT PRESENT.

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - BW -CHWP - 020 Photo Number: 134 Camera # PW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/13/08

Time In: 0930 Time Out: 0946 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN BRICK WALL, SOUTH WALL OF BUILDING, CENTERED EAST-WEST BROWN COLORED PAINT ON INTERIOR BRICK SURFACE DRILLED COMPLETELY THROUGH 2 LAYERS OF BRICK. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: 3.4 PPM

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

* NEW OVM USED.

3 TTLC metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - BW - CP - 021 Photo Number: 135 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist)

Date: 11/13/08

Time In: 0948 Time Out: 0951 Sampling Personnel: D. WESSER

Sampling Depth: ~~6"~~ 4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN BRICK WALL NEAR JIB CRANE, SOUTH WALL OF BUILDING. BROWN COLORED PAINT ON BRICK SURFACE. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CF - CP - 022 Photo Number: 136 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/13/08

Time In: 0955 Time Out: 1009 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR ON FRESH APPEARING OIL LIKE STAIN UNDER JIB CRANE IN CENTER OF BUILDING. SAMPLE LOCATION MOVED FROM PERCEIVED WATER STAINING TO THIS LOCATION. DRILLED COMPLETELY THROUGH SLAB. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CF - CP - 023 Photo Number: 137 Camera # PW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/13/08

Time In: 1050 Time Out: 1056 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR, CENTER OF BUILDING TOWARDS WESTERN END. UNPAINTED CONCRETE BUT SEALED. COLLECTED IN OLD ~~DARK~~ MEDIUM DARKNESS LIQUID-LIKE STAINING.

BOSCH HAMMERDRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CF - CP - 024 Photo Number: 138 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) B. SMITH CLEAR

Date: 11/13/08

Time In: 1058 Time Out: 1105 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN UNPAINTED BUT SEALED CONCRETE, IN SUNKEN AREA CENTERED NORTH-SOUTH TOWARDS WESTERN END OF STATION. LIGHT DARKNESS LIQUID-LIKE STAINING PRESENT. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - BW - CP - 025 Photo Number: 159 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/13/08

Time In: 1110 Time Out: 1115 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN BRICK WALL, NORTH WALL OF BUILDING TOWARDS WEST END. BRICK SURFACE IS PAINTED WITH BROWN COLORED PAINT. WATER IS PRESENT AT FLOOR. RED COLORED CUTTINGS. DRILLED THROUGH 2 LAYERS OF BRICK. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - BW - CP - 027 Photo Number: 140 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/13/08

Time In: 1119 Time Out: 1123 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN BRICK WEST WALL OF BUILDING, CENTERED NORTH-SOUTH. BRICK SURFACE IS PAINTED WITH BROWN COLORED PAINT. NO VISIBLE STAINING. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CF - CHWP - 026 Photo Number: 141 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/13/08

Time In: 1125 Time Out: 1212 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN UNPAINTED, SEALED CONCRETE FLOOR, WEST END OF BUILDING, CENTERED NORTH - SOUTH. NO STAINING OBSERVED AT CORING LOCATION. PAINT CHIPS PRESENT ON FLOOR. BOSCH HAMMER DRILL USED. BIT ENCOUNTERED REFUSAL ON TWO CORING ATTEMPTS. STEEL-LIKE SHAVINGS WERE OBSERVED AND CORING LOCATION WAS MOVED A FEW INCHES.

OVM READING ON HEADSPACE: 0.0 PPM

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

3 TTLC metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - SMP - B - 029 Photo Number: 142 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/13/08

Time In: 1418 Time Out: 1426 Sampling Personnel: C. GILLILAND

Sampling Depth: 15"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK MATERIAL COLLECTED FROM DRAINAGE TRENCH IN SOUTHEASTERN PORTION OF BUILDING. REMOVED ACCESS PANEL AND USED PREVIOUSLY DECONNED TOOL TO REMOVE MATERIAL FROM BOTTOM OF SUMP. WATER PRESENT UP TO TOP OF SUMP AND OVERFLOWING INTO CONTAINMENT. MATERIAL CONSISTS OF WET APPARENT RUST CHIPS, PAINT CHIPS AND BLACK DIRT/BIOLOGICAL DEBRIS.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CF - CP - 028 Photo Number: 143 Camera # PW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist)

Date: 11/13/08

Time In: 1428 Time Out: 1432 Sampling Personnel: C. GILLILAND

Sampling Depth: 6-8"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR CONTAINMENT IN SOUTHEAST PORTION OF BUILDING. UNPAINTED BUT SEALED CONCRETE, DRILLED AT WATER EDGE CLOSE TO SUMP/DRAINAGE TRENCH. PAINT CHIPS PRESENT. BOSCH HAMMER DRILL USED. DRILLED THROUGH SLAB.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: NA

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: EQUIP BLANK - HDB-004 Photo Number: NA Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/13/08

Time In: 1450 Time Out: 1505 Sampling Personnel: D Weiss

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EQUIPMENT BLANK FROM BOSCH HAMMERDRILL 3/4" 4-WAY BIT.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

} TTLC metals, VOC, SVOC.

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - CF - CMWP - 010 Photo Number: 144 Camera # PW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/13/08

Time In: 1547 Time Out: 1615 Sampling Personnel: C. GILLILAND

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR IN CENTER TOWARDS NORTH END OF BUILDING. LIGHT BLUE COLORED SEALANT PRESENT ON CONCRETE. NO VISIBLE STAINING. SLAB IS MORE THAN 6" DEEP. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: 7.6 PPM

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - SMP - CP - 011 Photo Number: 145 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/13/08

Time In: 1618 Time Out: 1621 Sampling Personnel: C. GILLILAND

Sampling Depth: ~~6" 18"~~ 15" (RW)

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE COLLECTED FROM BOTTOM OF ~~17"~~ 15" (RW) DEEP SUMP IN CONCRETE PAD AREA TOWARDS NORTH END OF BUILDING. DID NOT DRILL THROUGH SLAB. NO STAINING OBSERVED, DUST/DEBRIS PRESENT. CONCRETE IN SUMP IS NOT PAINTED. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - CE - CONC 012 Photo Number: 146 Camera # DV

LOTO required? [x] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/14/08

Time In: 0813 Time Out: 0834 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 8" - HARD OBJECT REFUSAL

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR OF BUILDING EAST SIDE NEAR ~~AIR COMPRESSOR~~ OIL RECEIVING TANK (N). LIGHT BLUE PAINT PRESENT ON CONCRETE SURFACE. DUSTY BUT NO STAINING OBSERVED. EVIDENCE OF UNDERGROUND CONDUIT, TREATMENT SYSTEM LINES NEARBY. BOSCH HAMMER DRILL USED.

OVM READING ON HEADSPACE: 2.7 PPM

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

3 TTLC Metals, VOCs, SVOC,

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - SMP - CP - 013 Photo Number: 147 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/14/08

Time In: 0840 Time Out: 0844 Sampling Personnel: D. WESSELHOFT

Sampling Depth: ~~12-15"~~ 36" (R)

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE SUMP SOUTH OF OIL/WATER SEPARATOR, SUMP IS APPROXIMATELY 36" DEEP AND IS UNPAINTED. DUST/DEBRIS PRESENT, BUT NO STAINING OBSERVED, BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - CF - CHWP 014 Photo Number: 148 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S SMITH CLEAR

Date: 11/14/08

Time In: 0851 Time Out: 0905 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 3-4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR OF TANK SECONDARY CONTAINMENT AT SOUTHERN END OF BUILDING AND EAST OF TANK 3. SECONDARY CONTAINMENT AREA LOOKS TO HAVE BEEN FINISHED WITH AN EXTRA 1/2" CONCRETE SEAL ON TOP OF STRUCTURAL CONCRETE AND LIGHT BLUE PAINT / SEALANT. BOSCH HAMMER DRILL USED DRILLED THROUGH SLAB.

OVM READING ON HEADSPACE: 7.8 PPM

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC metals, VOCs, SVOCs

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: N/A **Recorder:** R. MATTSON

Sample ID: B21 - CF - CP - 015 Photo Number: 149 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/14/08

Time In: 0915 Time Out: 0929 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 3.49

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR OF TANK SECONDARY CONTAINMENT IN SOUTHWEST CORNER. 1/2" SEAL AND LIGHT BLUE PAINT / SEALANT PRESENT. STAINING PRESENT AT DRILL LOCATION BETWEEN TANKS 5 AND 6. BOSCH HAMMER DRILL USED. STAINING APPEARS TO BE COLLECTION OF DIRT AT LOWER POINT IN CONTAINMENT.

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - CF - CP - 016 Photo Number: 150 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/14/08

Time In: 0931 Time Out: 0937 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 3-4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE FLOOR OF TANK 9 SECONDARY CONTAINMENT JUST EAST OF TANK. FLOOR IS COATED WITH 1/2" CONCRETE-LIKE SUBSTANCE AND LIGHT BLUE PAINT / SEALANT. STAINING PRESENT APPEARS TO BE A COLLECTION OF DIRT IN LOWER POINT. BOSCH HAMMER DRILL USED

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: B21 - CF - CP - 016DUP Photo Number: 150 Camera # DW

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/14/08

Time In: ~~0931~~ 0938 Time Out: 0939 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 3-4"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN TANK 9 SECONDARY CONTAINMENT. PAINTED/SEALED CONCRETE ON DIRT-LIKE STAINING. DUPLICATE OF B21-CF-CP-016. BOSCH HAMMER DRILL USED

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: B

Sub-Area/Structure: NORTH ROOM **Recorder:** R. MATTSON

Sample ID: B8 - SMP - CP - 011 Photo Number: 151 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/14/08

Time In: 0958 Time Out: 1003 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN CONCRETE TRENCH ~~FLOOR~~ LEADING TO SUMP AT NORTH END OF BUILDING. SUMP IS FILLED WITH WATER. YELLOW STAINING OBSERVED IN WALLS OF TRENCH, TRENCH FLOOR IS DUSTY AND UNPAINTED. SAMPLE COLLECTED FROM TRENCH FLOOR. BOSCH HAMMER DRILL USED. DID NOT CORE COMPLETELY THROUGH SLAB.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: NA

Sub-Area/Structure: NA **Recorder:** R. MATTSON

Sample ID: EQUIPBLANK-HOB-005 Photo Number: NA Camera # _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/14/08

Time In: 1415 Time Out: 1430 Sampling Personnel: C. GILLILAND

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

EQUIPMENT BLANK ON HAMMERDRILL BIT 1" 2-WAY

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	Y
VOCs	SW8260	Y
SVOCs	SW8270	Y
CCR Title 22 Metals	SW6010/7470	Y
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 14 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 017 Photo Number: 161 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0820 Time Out: 0823 Sampling Personnel: D. WESSEL / HOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

TANK 14 IS EMPTY AND THE INTERIOR SURFACE IS DRY. YELLOW STAINING IS VISIBLE. TANK IS ~~STAINLESS~~ SINGLE-WALL STEEL APPROX. 1,000 GALLONS.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 10 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 018 Photo Number: 162 Camera # _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0820 Time Out: 0830 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE COLLECTED FROM INTERIOR OF TANK 10. TANK 10 IS ~~STAINLESS~~ SINGLE-WALL STEEL AND IS EMPTY AND DRY. CAPACITY IS ~1,400 GALLONS. INTERIOR IS CLEAN, NO STAINING.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 9 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 019 Photo Number: 160 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0833 Time Out: 0838 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE COLLECTED FROM INTERIOR OF TANK 9. TANK IS ~~STAIN LESS~~ SINGLE-WALL STEEL AND IS EMPTY AND DRY. INTERIOR SURFACE IS CLEAN. APPROXIMATE SIZE IS ~10,000 GALLONS.

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 8 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 020 Photo Number: 152 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0841 Time Out: 0843 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE COLLECTED FROM INTERIOR SURFACE OF TANK 8. TANK IS CONSTRUCTED OF ~~STAINLESS~~ SINGLE-WALL @ STEEL. INTERIOR IS EMPTY, DRY AND CLEAN. NO STAINING. APPROXIMATE SIZE IS ~ 10,000 GALLONS.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 7 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 021 Photo Number: 153 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0846 Time Out: 0858 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE OF INTERIOR SURFACE OF TANK 7. TANK IS ~~STAINLESS~~ SINGLE-WALL STEEL. TANK IS EMPTY AND DRY. INTERIOR SURFACE IS CLEAN AND FREE OF STAINING. TANK IS APPROXIMATELY ~5,000 GALLONS IN CAPACITY. WIPE SAMPLE OF BOTTOM COLLECTED WITH EXTENDER.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 6 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 022 Photo Number: 154 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0901 Time Out: 0905 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM INTERIOR OF TANK BOTTOM USING EXTENDOR. TANK IS ~~STAINLESS~~ SINGLE-WALL (N) STEEL. TANK IS EMPTY AND DRY. INTERIOR SURFACE IS CLEAN AND FREE OF STAINING. TANK IS APPROXIMATELY 5,000 GALLONS IN CAPACITY.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 11 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 024 Photo Number: 156 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0915 Time Out: 0923 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM INTERIOR OF TANK 11 BOTTOM USING EXTENDER. TANK IS EMPTY AND DRY. INTERIOR SURFACE IS CLEAN AND NO STAINING IS VISIBLE. TANK CAPACITY IS APPROXIMATELY 10,000 GALLONS. CONSTRUCTION IS SINGLE-WALL STEEL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 3 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 025 Photo Number: 157/158 Camera # _____

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0925 Time Out: 0932 Sampling Personnel: B. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE SAMPLE COLLECTED FROM TANK INTERIOR BOTTOM USING EXTENDER. TANK IS CONSTRUCTED OF ~~STAINLESS~~ SINGLE-WALL STEEL. TANK IS EMPTY AND DRY. INTERIOR IS CLEAN, SOME RUST PRESENT. APPROXIMATE CAPACITY IS 10,000 GALLONS.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 21

Sub-Area/Structure: TANK 4 **Recorder:** R. MATTSON

Sample ID: B21 - TK - WP - 026 Photo Number: 159 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 0935 Time Out: 0941 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM INTERIOR OF TANK BOTTOM USING EXTENDER. TANK IS CONSTRUCTED OF SINGLE WALL STEEL. TANK IS EMPTY AND DRY. INTERIOR SURFACE IS CLEAN BUT CONTAINS RUST AND BLACK-COLORED RUST DEBRIS. APPROXIMATE CAPACITY IS ~5,000 GALLONS.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: EXTERIOR

Sub-Area/Structure: TANK 2 **Recorder:** R MATTSON

Sample ID: OT2 - TK - WP - 001 Photo Number: ~~168~~ 163 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist) 163 | 164

Date: 11/17/08

Time In: 1030 Time Out: 1035 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM WESTERN MOST EXTERIOR TANK BETWEEN BLDGS. 18, 20 AND 1. SINGLE-WALL STEEL TANK. TANK IS EMPTY AND DRY. WIPE SAMPLE FROM BOTTOM AND SIDES OF TANK. INTERIOR IS CLEAN BUT RUSTY, SOME WHITE RESIDE NEAR PORT ON TOP. APPROXIMATE CAPACITY IS 5,000 GALLONS.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: EXTERIOR

Sub-Area/Structure: TANK 1 **Recorder:** R. MATTSON

Sample ID: OTI - TK - WP - 001 Photo Number: 165/166 Camera # PW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 1835 Time Out: 1044 Sampling Personnel: D. WESSELHOFT

Sampling Depth: SURFACE

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

WIPE COLLECTED FROM EASTERNMOST EXTERIOR TANK BETWEEN BLDGS. 18, 20 AND 1. SINGLE-WALL STEEL TANK. TANK CONTAINS OIL-LIKE MATERIAL AT BOTTOM. WIPE SAMPLE FROM DRY SIDES OF TANK. DRY SURFACES ARE HEAVILY RUSTED. EXTENDER USED.

5-GAS METER NO ABNORMAL READINGS.
CO: 0 H_2S: 0
LEL: 0 O_2: 20.9

OIL LIKE MATERIAL IS ~~LIGHT OIL~~ LIQUID ON TOP AND SLUDGE UNDERNEATH. 2" OIL ONTOP OF 2" SLUDGE, BLACK IN COLOR.

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: EXTERIOR

Sub-Area/Structure: TANK 1 **Recorder:** R. MATTSON

Sample ID: OT1 - TK - B - 002 Photo Number: 165/166 Camera # DV

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 1048 Time Out: 1055 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK SAMPLE OF OIL/SLUDGE RESIDUE IN TANK 1. PRODUCT IS BLACK IN COLOR. APPROX ½" IN DEPTH RUNNING LENGTH OF TANK APPROX 2" LIQUID PHASE OVER 2" SLUDGE PHASE.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		
RCRA Metals	6010/7470	X

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: OFFICE 2ND FLOOR **Recorder:** R. MATTSON

Sample ID: 1B2 - WF - CHWP - 033 Photo Number: 168 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/17/08

Time In: 1500 Time Out: 1522 Sampling Personnel: D. WESSELHOFT

Sampling Depth: ~~[illegible]~~ (PW) 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN WOOD FLOOR OF SECOND STORY OF OFFICE SECTION. MIDDLE OF OFFICE NEAR MEN'S RESTROOM WHERE FLOOR TILE MISSING. HILTI DRILL WITH IRWIN BIT USED. WOOD COVERED WITH BLACK STAIN IN SOME AREAS.

OVM READING ON HEADSPACE: 1.6 PPM

Laboratory Analysis		
Sample Analysis	Method	Analyze
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	X
SVOCs	SW8270	X
CCR Title 22 Metals	SW6010/7470	X
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	X
TCLP VOCs	SW1311/8260	X
TCLP SVOCs	SW1311/8270	X
Ignitability	SW1010	X
Corrosivity	SW9045	X
Other		

} TTLC Metals, VOC, SVOC.

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - WW - CP - 035 Photo Number: 169 Camera # DV

LOTO required? [X] Yes [ ] No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/17/08

Time In: 1530 Time Out: 1535 Sampling Personnel: D. WESSELHOFT

Sampling Depth: 6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN PAINTED VERTICAL WALL OF MIDDLE PART OF (NORTH) HIGH BAY. OFF-WHITE PEELING PAINT ON WOOD. MANUPT USED. COLLECTED USING HILTI DRILL WITH IRWIN BIT.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - CR - B - 036 Photo Number: 170 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 1610 Time Out: 1615 Sampling Personnel: D. WESSELHOFT

Sampling Depth: N/A

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

OIL COLLECTED FROM 15,000 LB. BRIDGE CRANE SPANING MIDDLE PORTION OF HIGHBAY. REDDISH BROWN.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - CR - B - 036DUP Photo Number: 170 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 1615 Time Out: 1616 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

DUPLICATE OF BUILDING 1 HIGH BAY 15,000 LB. BRIDGE CRANE OIL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - CR - B - 037 Photo Number: 171 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/17/08

Time In: 1645 Time Out: 1700 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK SAMPLE COLLECTED FROM 1 TON BRIDGE CRANE ON NORTH SIDE OF HIGH BAY LOWER HIGH BAY LEVEL. OIL IS DARK BROWN.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 -CR - B -030 Photo Number: 172 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach **LOTO** checklist)

Date: 11/18/08

Time In: 0819 Time Out: 0830 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL SAMPLE COLLECTED FROM 4 TON BRIDGE CRANE NO. 1 IN SOUTHEAST CORNER OF BUILDING. WRIGHT BRAND DARK BROWN OIL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 031 Photo Number: 173 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 0836 Time Out: 0840 39 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL SAMPLE COLLECTED FROM 1/2 TON JIB CRANE IN SOUTHEASTERN CORNER OF BUILDING. RED-BROWN OIL

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 052 Photo Number: 176 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 0848 Time Out: 0852 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL COLLECTED FROM 3 TON "WRIGHT" BRIDGE CRANE (NO.) SOUTH EDGE OF BUILDING, CENTERED EAST-WEST.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 033 Photo Number: 175 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: NA Time Out: NA Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL COLLECTED FROM ~~1/2~~ 1 TON (W) JIB CRANE NO. 9 IN CENTER OF BUILDING. COULD NOT COLLECT, NO DRAIN PORT. RED COLORED OIL SEEPING THROUGH COVER JOINT. DISASSEMBLY MAY HAVE CAUSED ALL OIL TO SPILL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X NA (R)
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: 1-716H BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 034 Photo Number: 174 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 0930 Time Out: 0933 Sampling Personnel: D. WESSELHOFT

Sampling Depth: N/A

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL COLLECTED FROM 4 TON BRIDGE CRANE NO. 4 SPANNING CENTER OF BUILDING EAST-WEST. WRIGHT BRAND.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 035 Photo Number: 177 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 0938 Time Out: 0940 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL COLLECTED FROM TON BRIDGE CRANE NO. 5. SPANS CENTER OF BUILDING, JUST WEST OF PARTITION WALL. JUDSON-PACIFIC 3 TON.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 036 Photo Number: 178 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 0950 Time Out: 1002 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL SAMPLE COLLECTED FROM 2 TON CRANE IN ~~NORTH~~ (B2) SOUTHWEST CORNER OF BUILDING. LABELED NO. 3.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 057 Photo Number: 179 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 1005 Time Out: 1007 Sampling Personnel: ~~R.M~~ D. WESSERHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL SAMPLE (COLLECTED) FROM 1 TON BRIDGE CRANE AT ~~NORTH~~ WEST (B) END OF BUILDING. NO. 6 BRIDGE CRANE

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: MAGA BAY **Recorder:** R MATTSON

Sample ID: B2 - CR - B - 038 Photo Number: 180 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: _____ Time Out: _____ Sampling Personnel: R WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL SAMPLE COLLECTED FROM 1/2 TON BRIDGE CRANE IN NORTH WEST CORNER OF BUILDING.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 039 Photo Number: 182 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 1106 Time Out: 1114 Sampling Personnel: R. MATTSON

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL SAMPLE COLLECTED FROM BRIDGE CRANE ON NORTH EDGE OF BUILDING, WEST OF PARTITION WALL. 2 TON CRANE NO. 7

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 040 Photo Number: 183 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 1120 Time Out: 1128 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL SAMPLE COLLECTED FROM BRIDGE CRANE NORTH EDGE OF BUILDING, TOWARDS EASTERN END. 1 TON CRANE, NO. 11 LABEL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 041 Photo Number: 184 Camera # DW.

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: NA Time Out: NA. Sampling Personnel: D. VESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL COLLECTED FROM 1 TON BRIDGE CRANE AT ~~NORTH~~ (R2) WEST END OF BUILDING. LABELED NO. 6, WEST AND RIGHT NEXT TO OTHER NO. 6 1-TON CRANE (SAMPLE 37) NOT COLLECTED, CRANE EMPTY OF OIL.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓ (R2)
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 2

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: B2 - CR - B - 042 Photo Number: 181 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 1055 Time Out: 1103 Sampling Personnel: D. WESSELHOFT

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL COLLECTED FROM 1-TON BRIDGE CRANE IN NORTH WEST CORNER OF BUILDING. WEST AND ADJACENT TO 1/2 TON CRANE, SAMPLE 38.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: 1

Sub-Area/Structure: HIGH BAY **Recorder:** R. MATTSON

Sample ID: 1BH - BW - CP - 038 Photo Number: 185 Camera # DW

LOTO required? ☒ Yes ☐ No (If yes attach LOTO checklist) S. SMITH CLEAR

Date: 11/18/08

Time In: 1130 Time Out: 1147 Sampling Personnel: C. GILLILAND

Sampling Depth: ~~6"~~ 5-6"

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

CORE DRILLED IN PAINTED BRICK WALL. NORTH WALL OF BUILDING. AQUA COLORED PAINT ON BRICK SURFACE. TOWARDS WEST END OF BUILDING. BOSCH HAMMER DRILL USED.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	✓
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Building Material/Equipment Sampling Log

General Electric Company

Oakland, CA

Sampling Area/Building: Pump House

Sub-Area/Structure: Pump **Recorder:** R. Mattson

Sample ID: PHT - EQ - B - 004 Photo Number: 186 Camera # DW

LOTO required? ☐ Yes ☒ No (If yes attach LOTO checklist)

Date: 11/18/08

Time In: 1150 Time Out: 1200 Sampling Personnel: R. Mattson

Sampling Depth: NA

Sampling Location/General Notes: (Area? Building? Room? Level? Exterior Sample? Hazards? etc...). List all

BULK OIL SAMPLE COLLECTED FROM PUMP MOTOR.

Laboratory Analysis		
Sample Analysis	**Method**	**Analyze**
Total Concentrations		
PCB	SW846 8082	X
VOCs	SW8260	
SVOCs	SW8270	
CCR Title 22 Metals	SW6010/7470	
RCRA Waste Characterization		
TCLP Metals	SW1311/6010/7470	
TCLP VOCs	SW1311/8260	
TCLP SVOCs	SW1311/8270	
Ignitability	SW1010	
Corrosivity	SW9045	
Other		

ARCADIS

Appendix D

Photo Log of Sampling Locations

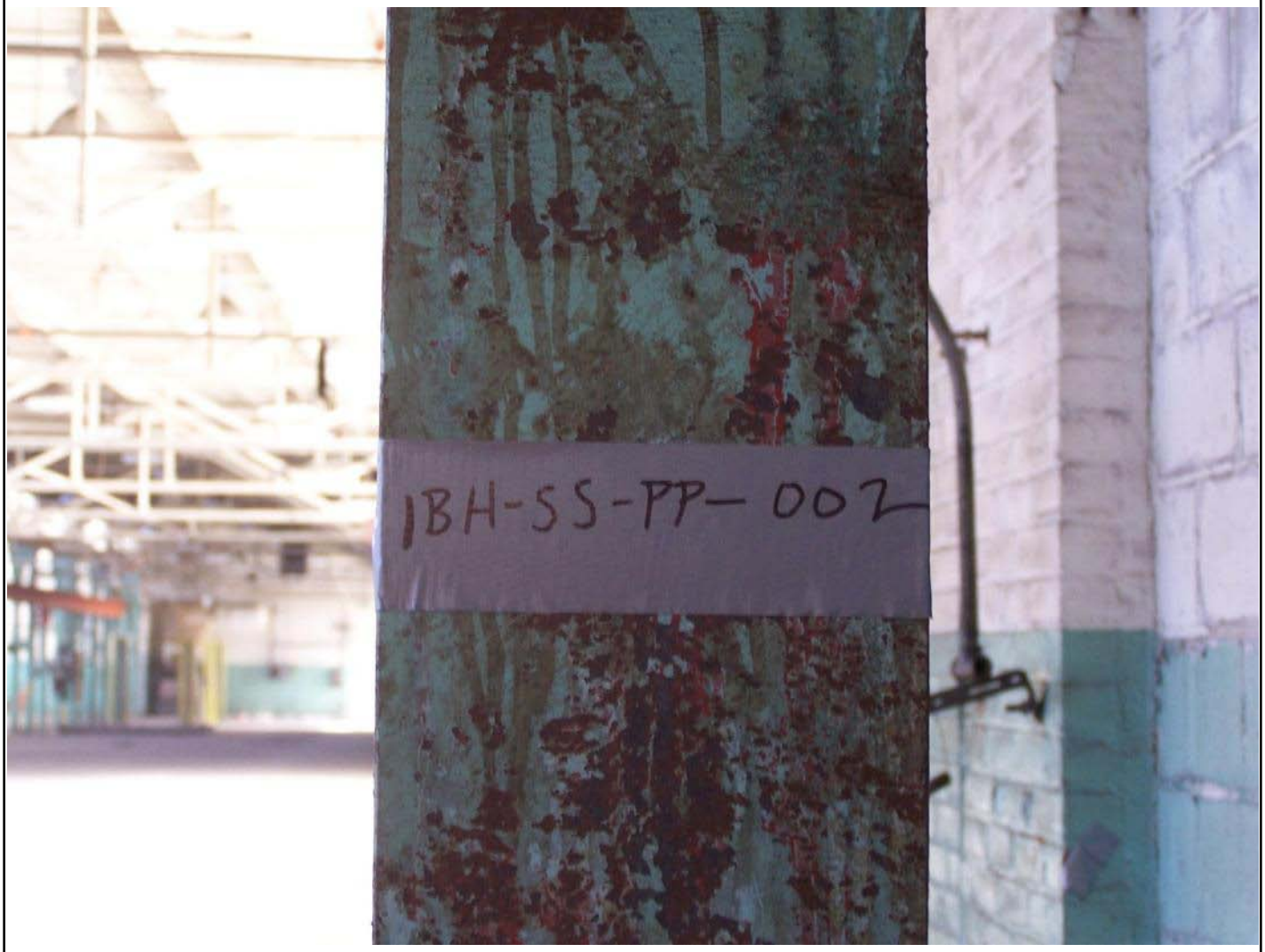
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-BW-PLC-001



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-SS-PP-002

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1B1-BW-PLC-003

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1B1-SS-PP-004

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-BW-WP-005

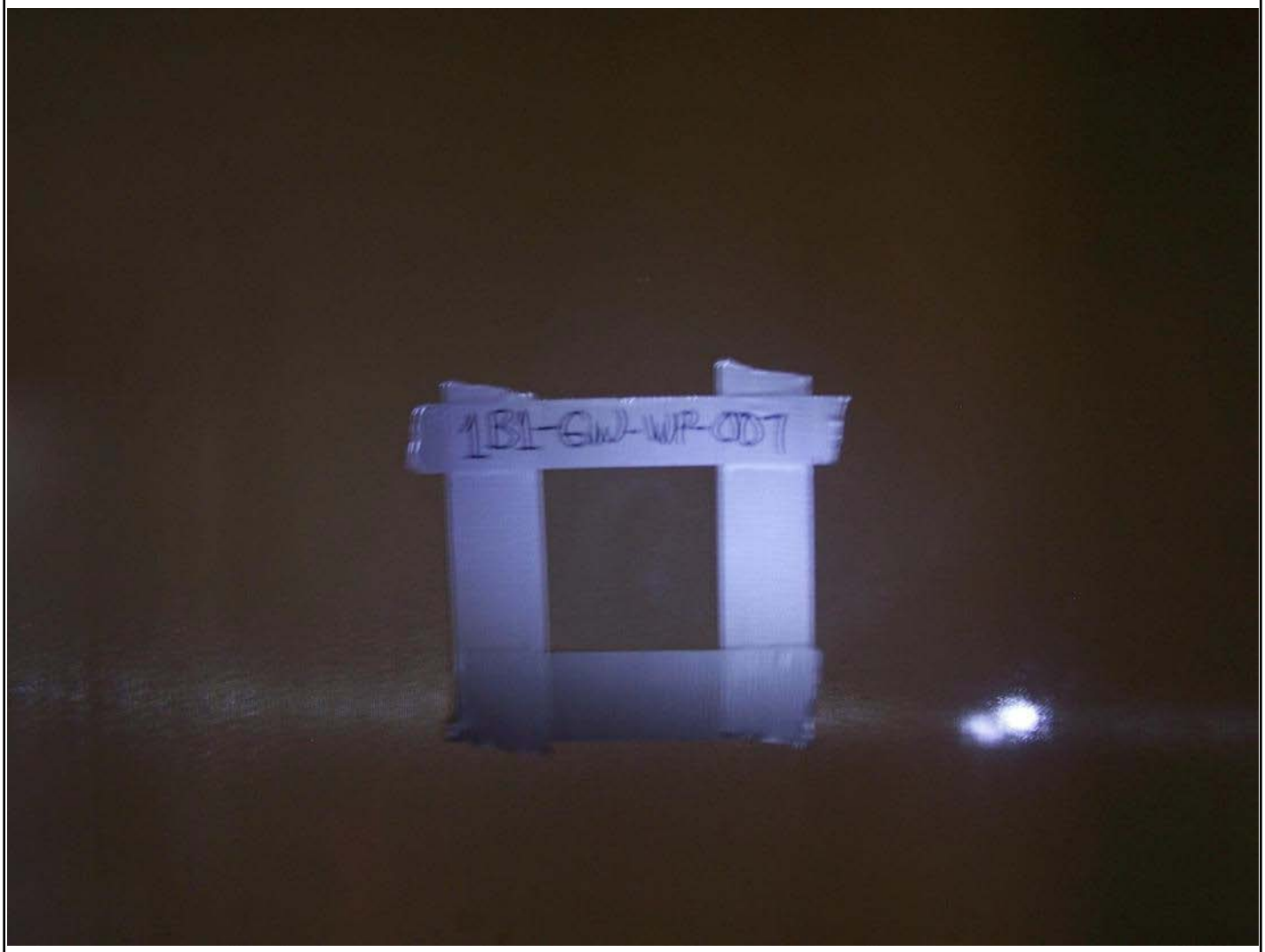
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-HV-WP-006



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1B1-GW-WP-007

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-SMP-B-008

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-SMP-WP-009

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-WC-PLC-010

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-SS-PP-011

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-WC-CP-012

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-WC-CP-013

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-WC-CP-014

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-WW-CP-015

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-CF-CP-016

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-BW-CP-017

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-CF-CP-018

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

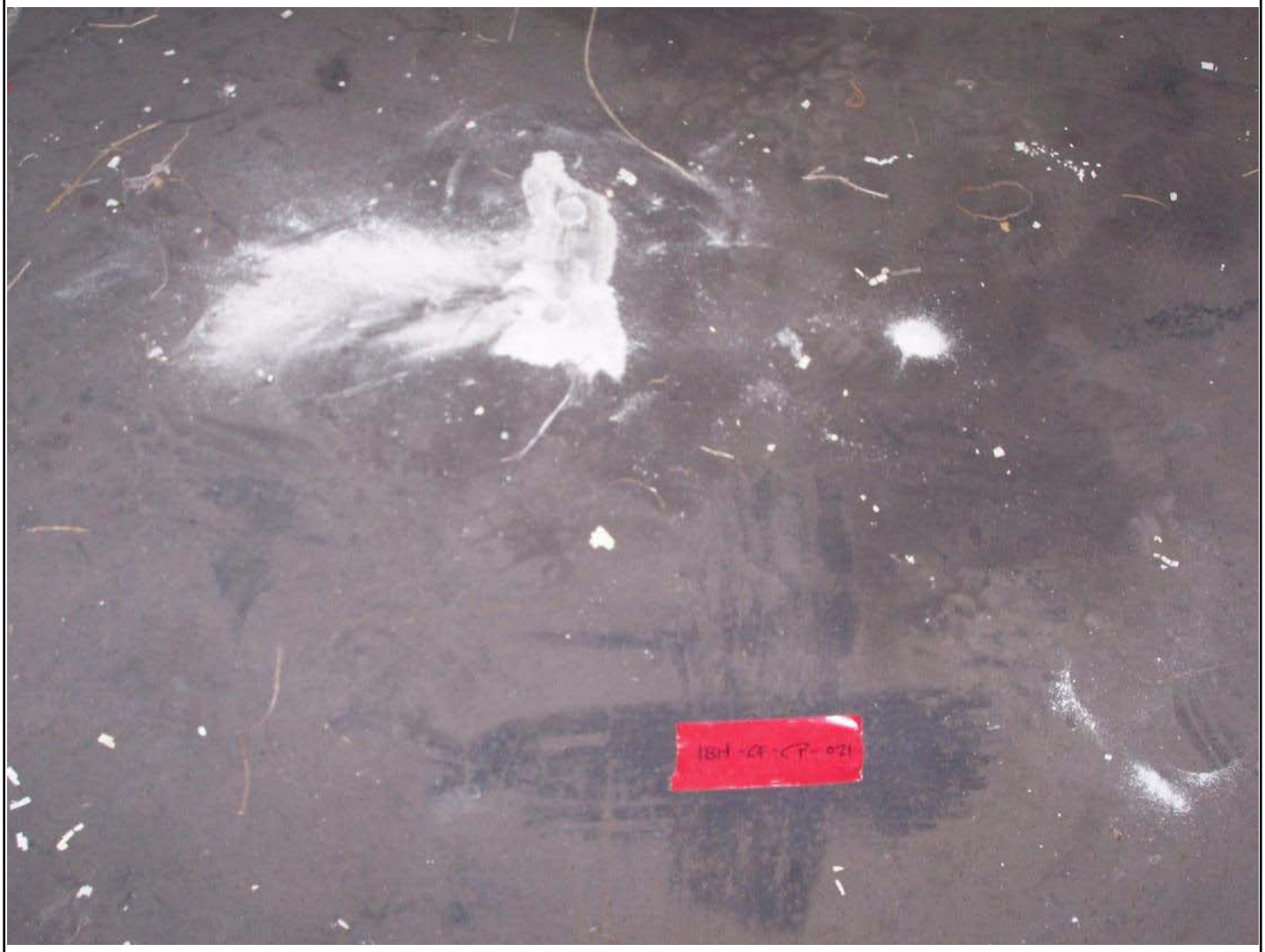
1BH-CF-CHWP-019

General Electric Company
East 14th Street Facility
Oakland, California

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-BW-CHWP-020



General Electric Company
East 14th Street Facility
Oakland, California

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-CF-CP-021

General Electric Company
East 14th Street Facility
Oakland, California

Visual Assessment
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-CF-CP-022

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-BW-CP-023

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-CF-CHWP-024

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-BW-CHQP-025

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-CF-CP-026

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-CF=CP-027

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-BW-CP-028

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1B1-BW-CHWP-029

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1B1-BW-CP-031

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1B2-BW-CHWP-032

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1B2-WF-CHWP-033

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-WW-CP-035

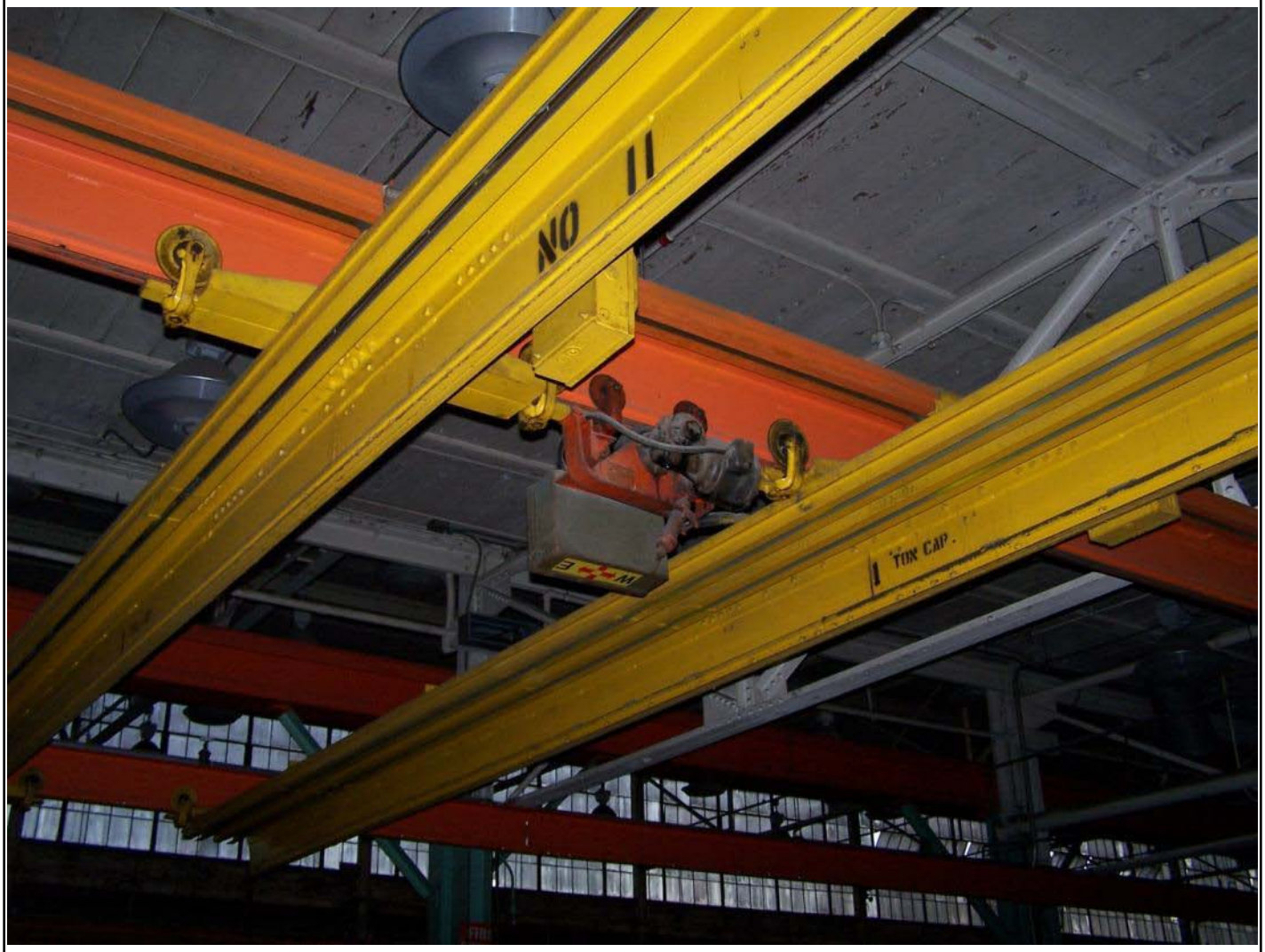
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-CR-B-036
1BH-CR-B-036DUP



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-CR-B-037

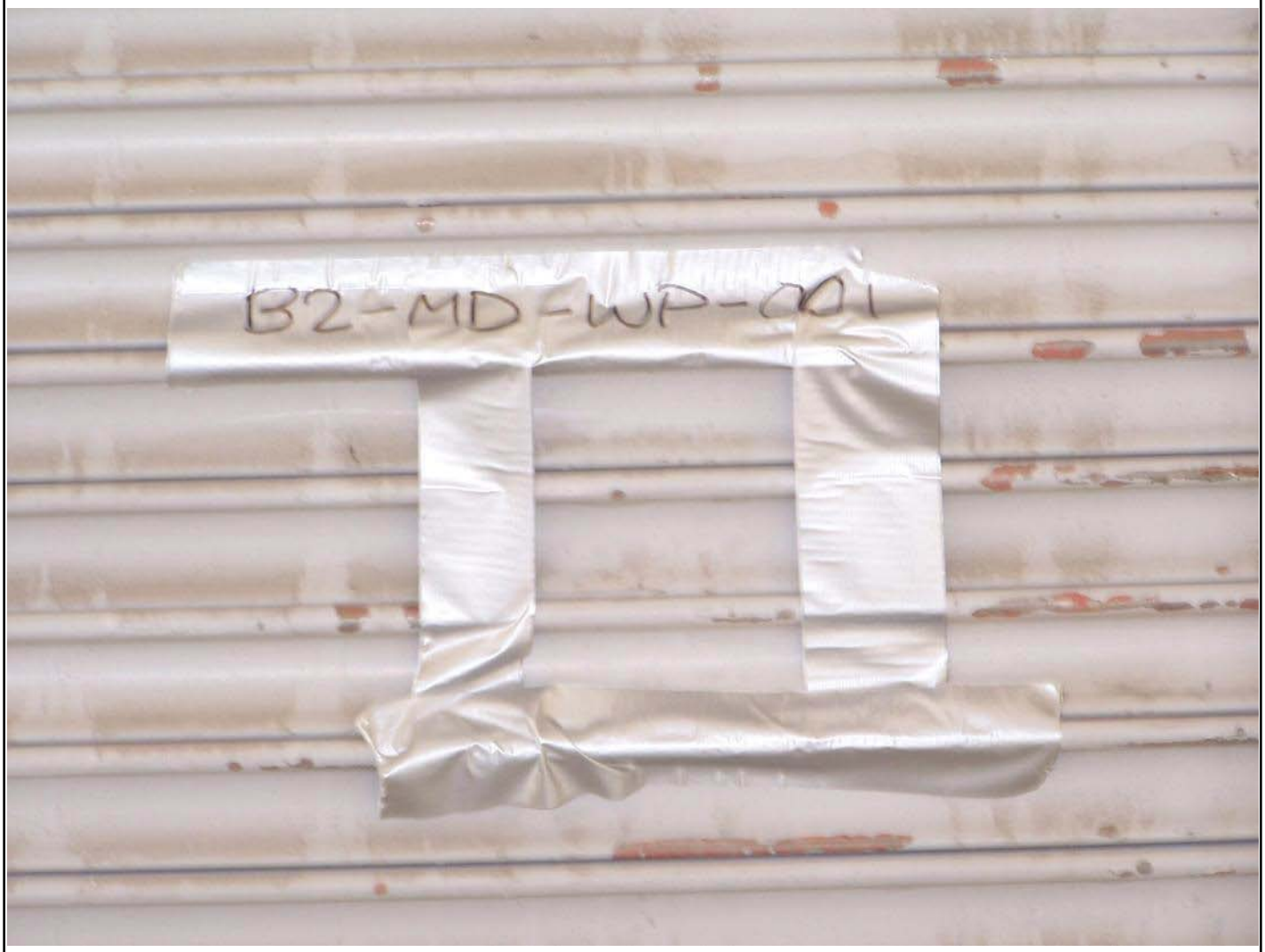
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 1

ARCADIS
Infrastructure, environment, buildings

SAMPLE

1BH-BW-CP-038



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-MD-WP-001

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-PLC-002

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-PLC-002DUP

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-SS-PP-003

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-SS-PP-003DUP

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-PLC-004

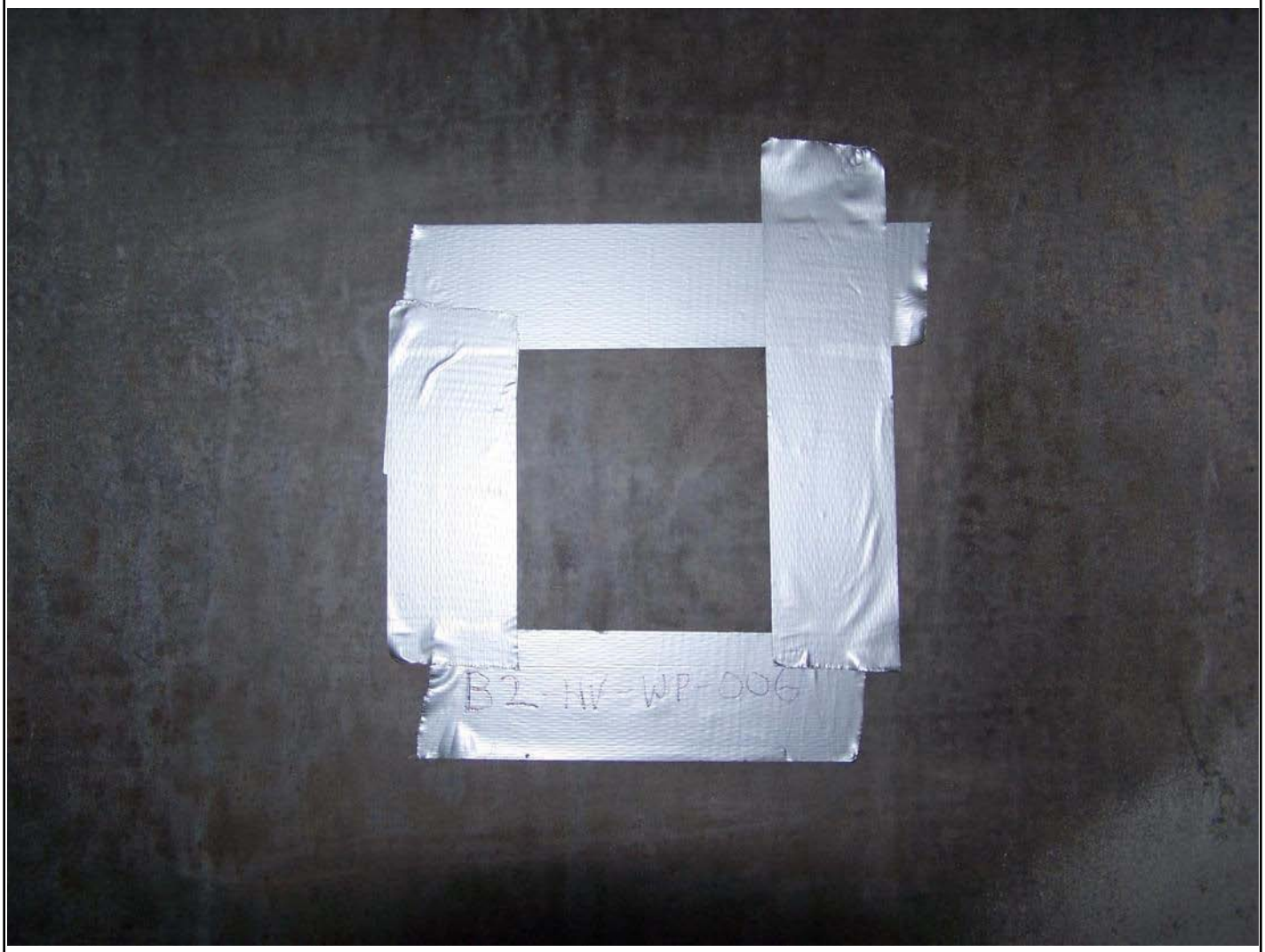
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-WC-PP-005



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-HV-WP-006

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-HV-WP-007

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-WC-PLC-008

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-SS-PP-009

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-WC-CP-010

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-WC-CP-011

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-WC-CHWP-012

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-SW-CP--013

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-CPWP-014

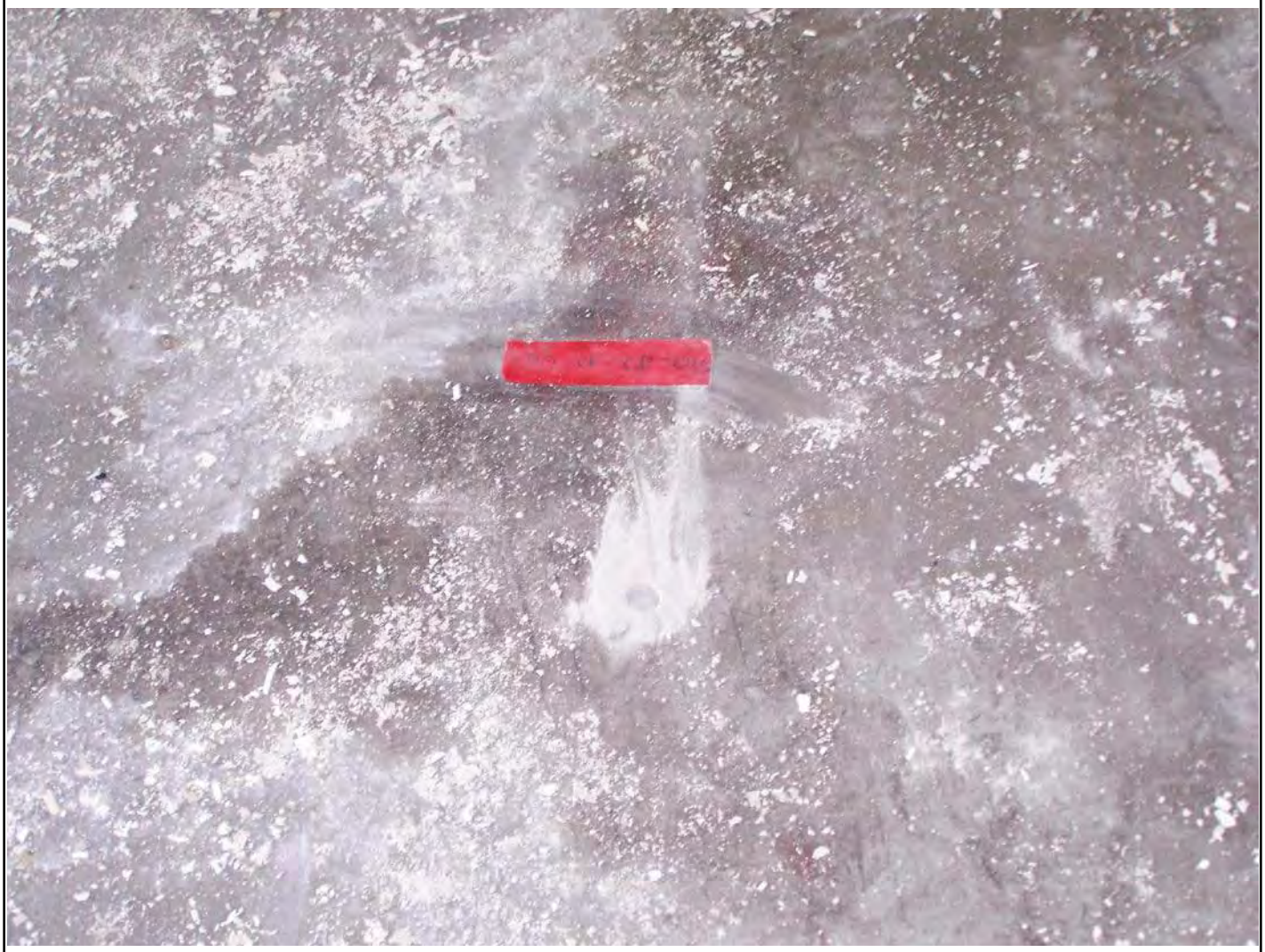
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-CP-015



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CF-CP-016

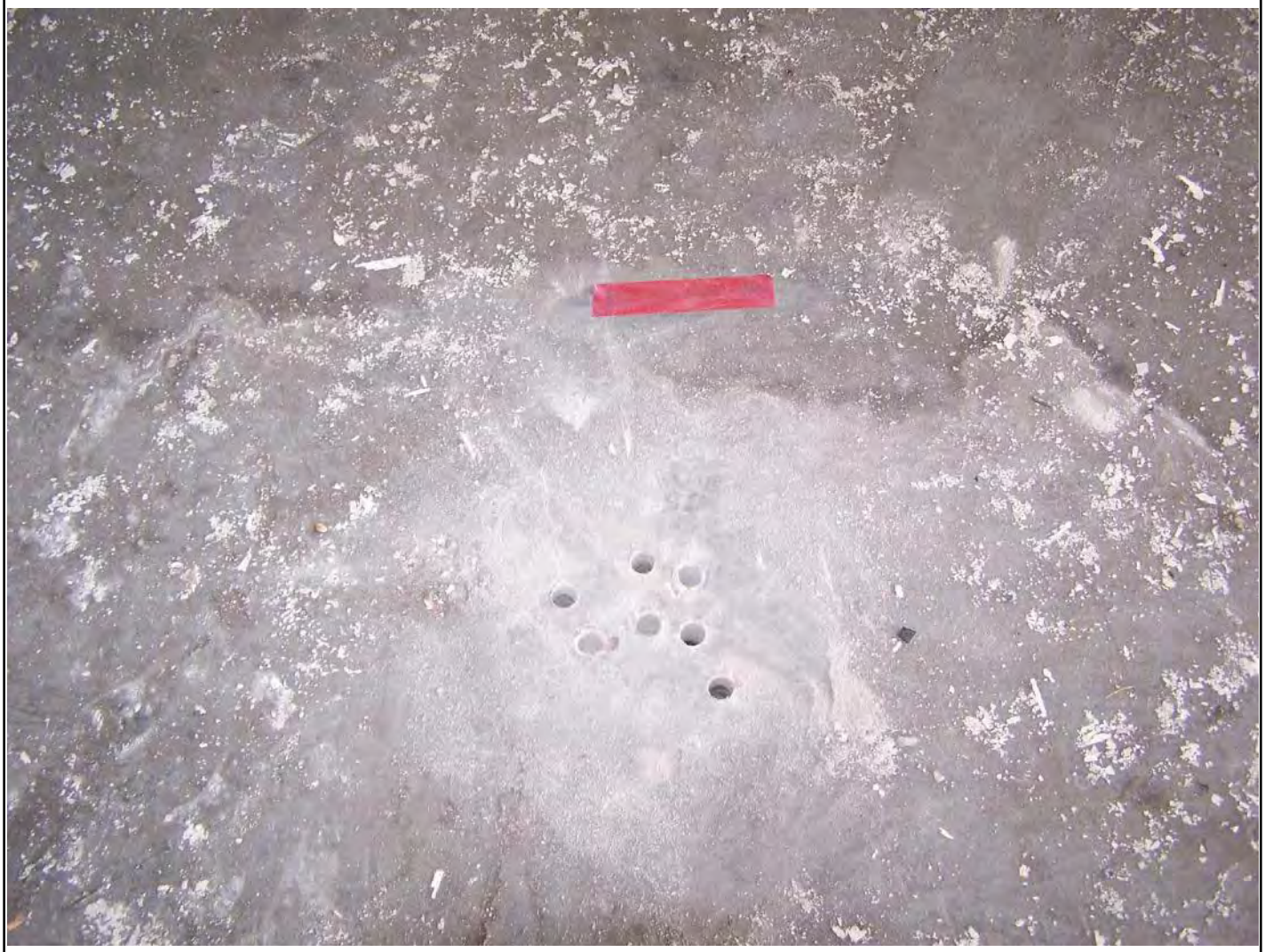
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-CP-017



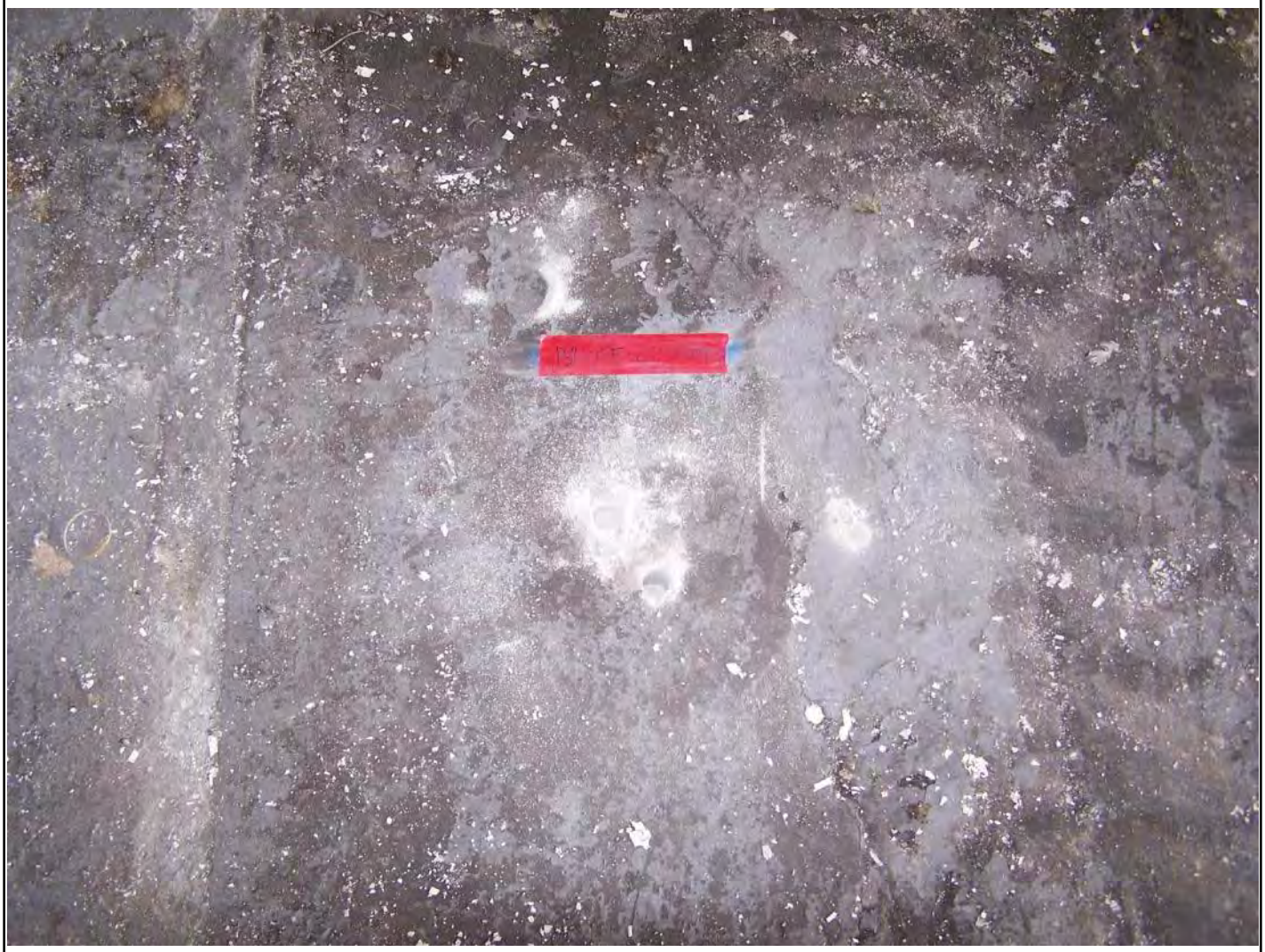
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CF-CHWP-018



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CF-CP-019

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-CPWP-020

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-CP-021

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CF-CP-022

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CF-CP-023

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CF-CP-024

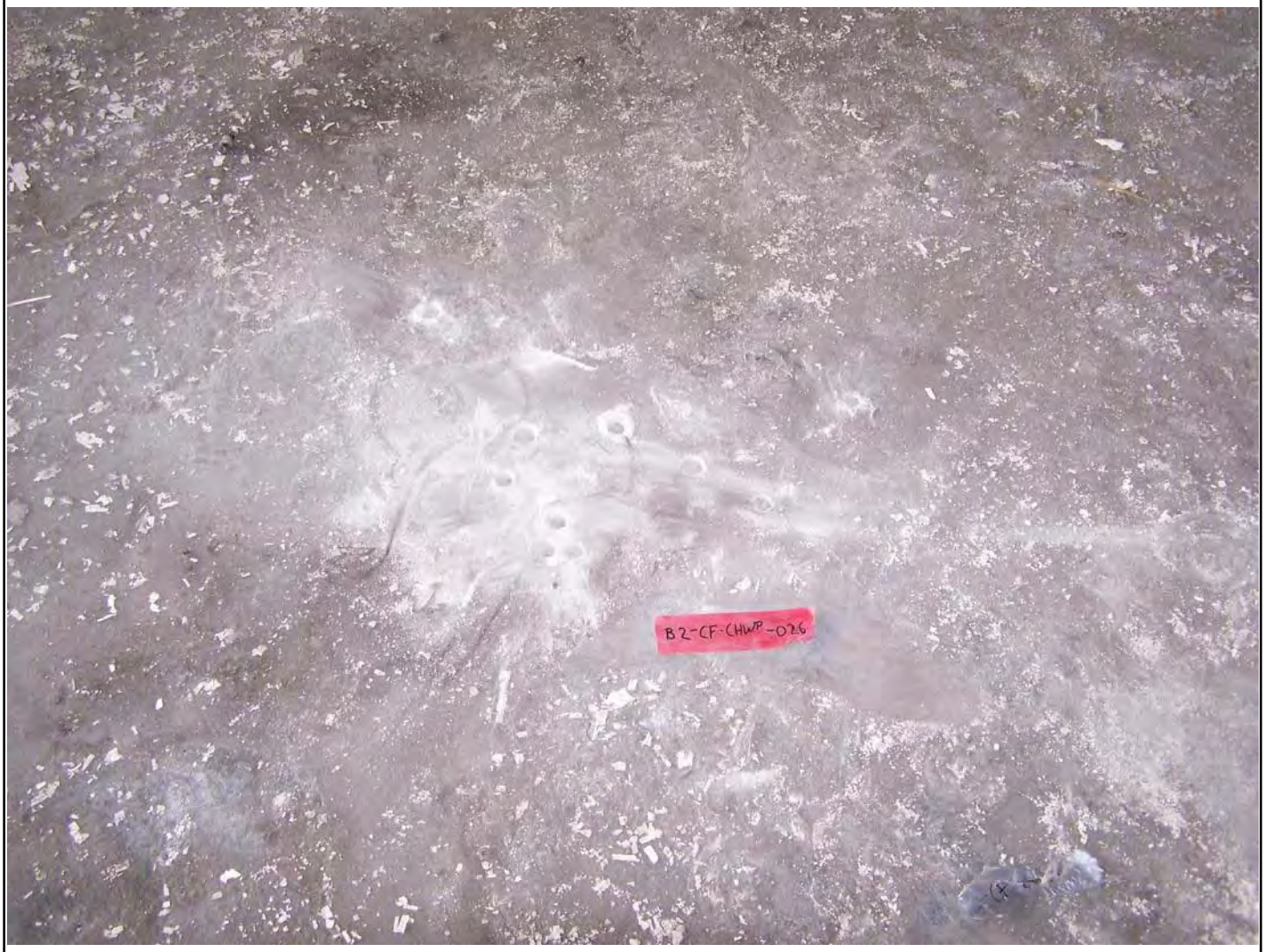
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-CP-025



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CF-CHWP-026

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-BW-CP-027

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CF-CP-028

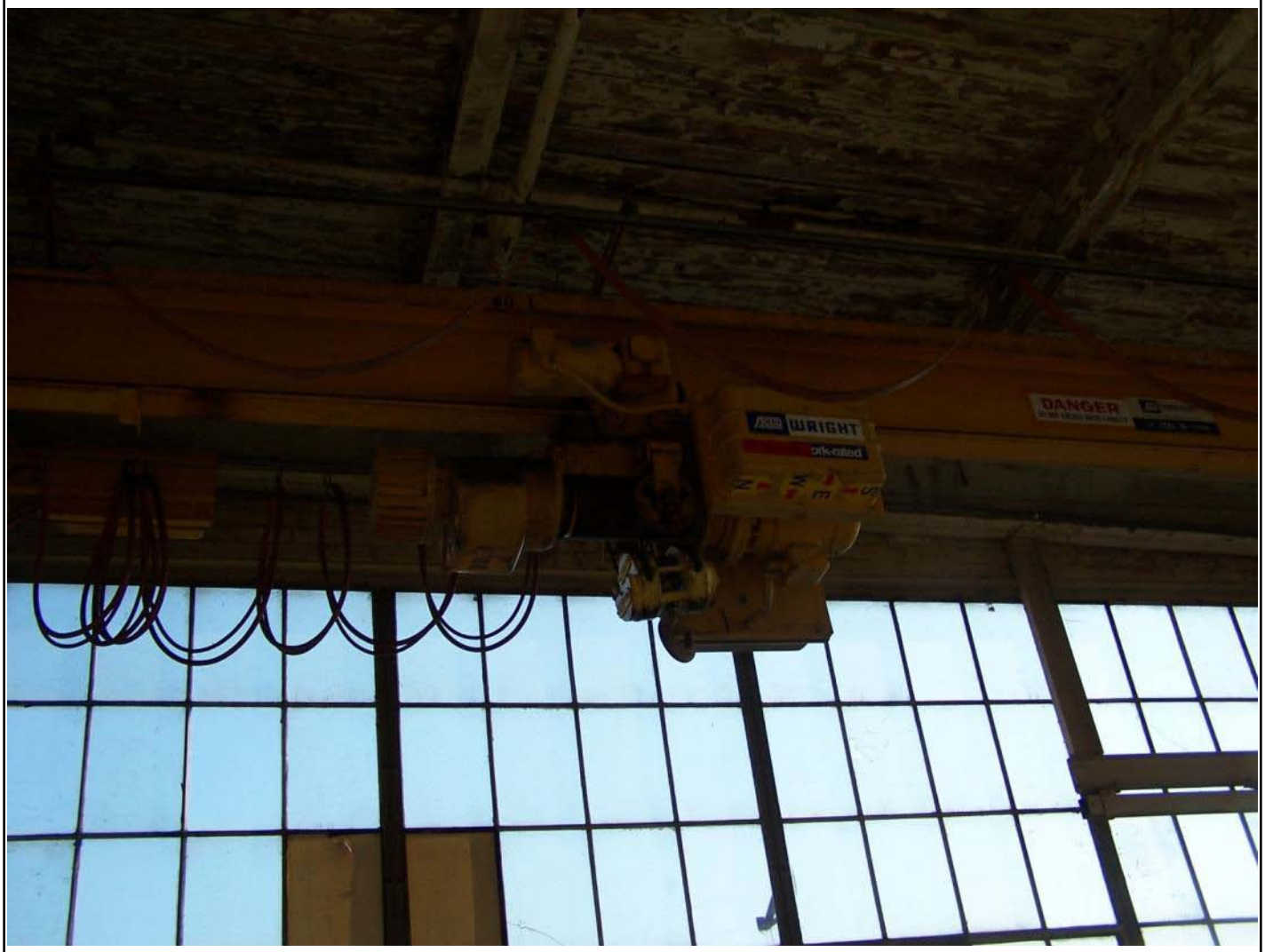
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-SMP-B-029



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-030

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-031

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-032

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-034

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-035

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-036

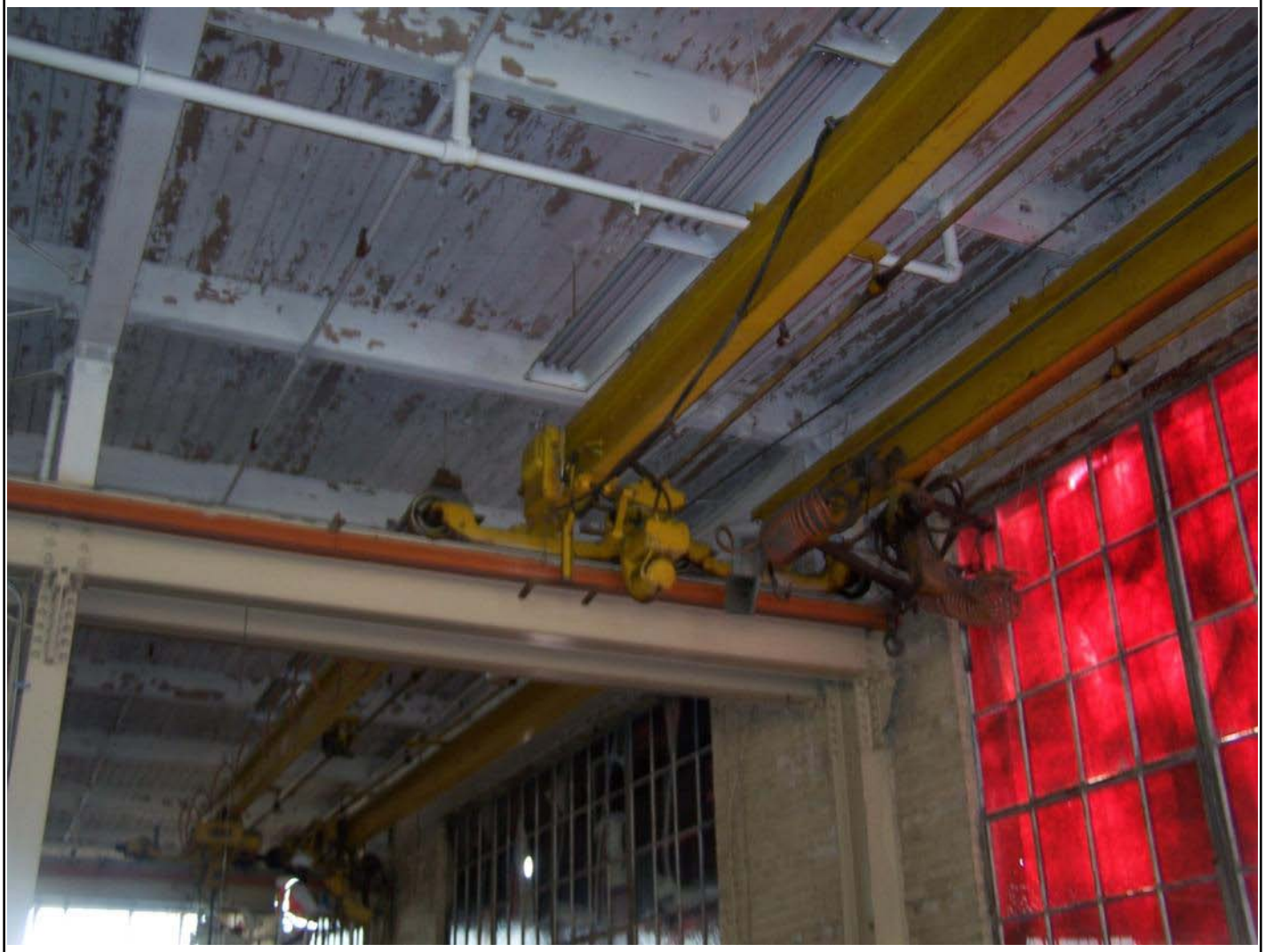
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-037



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-038

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-039

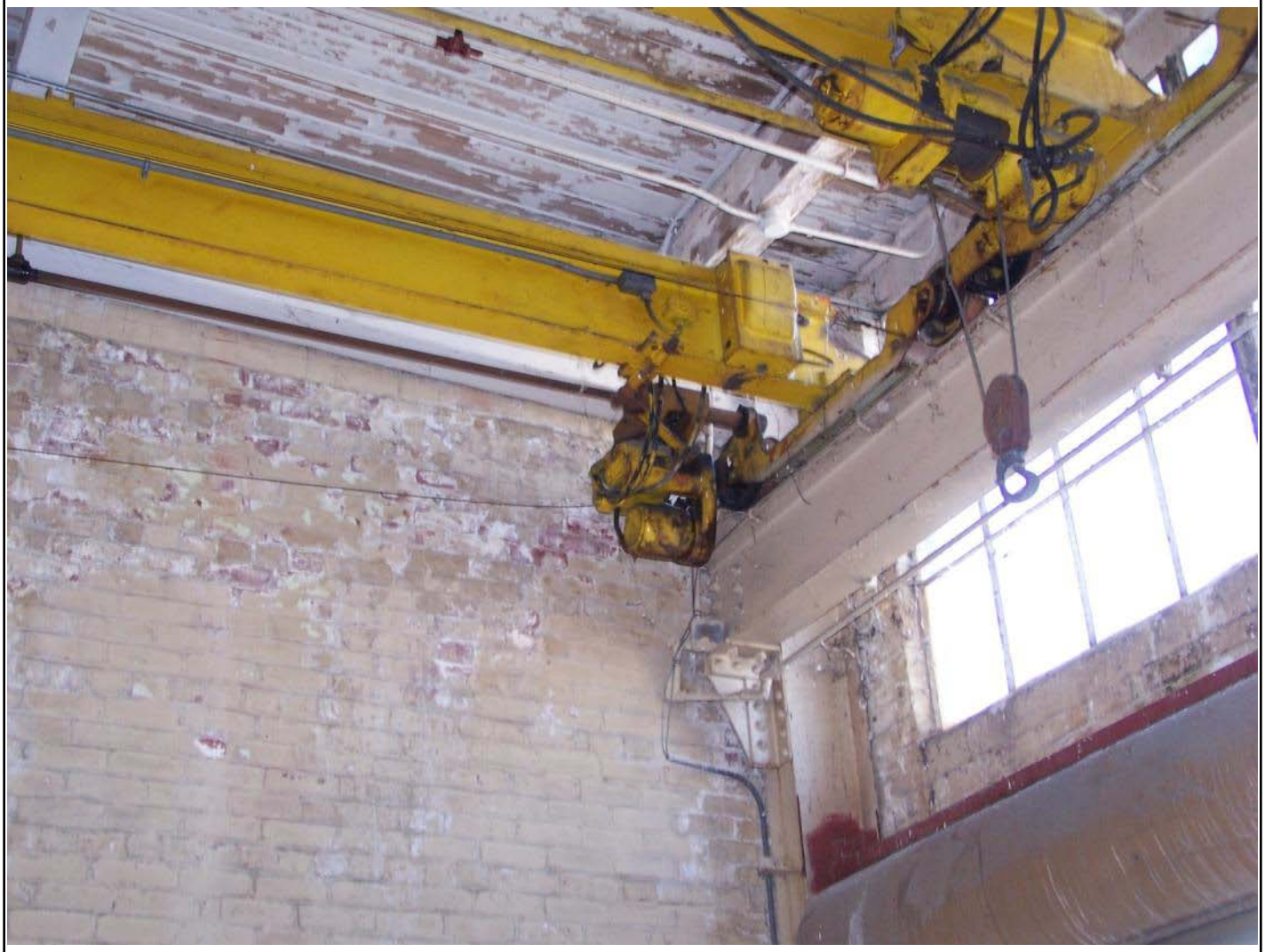
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-040



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 2

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B2-CR-B-042

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-EQ-WP-001

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-EQ-PLC-002

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-EQ-PP-003

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-SP-WP-004

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-SS-PLC-005

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-SS-PP-006

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-PG-WP-007

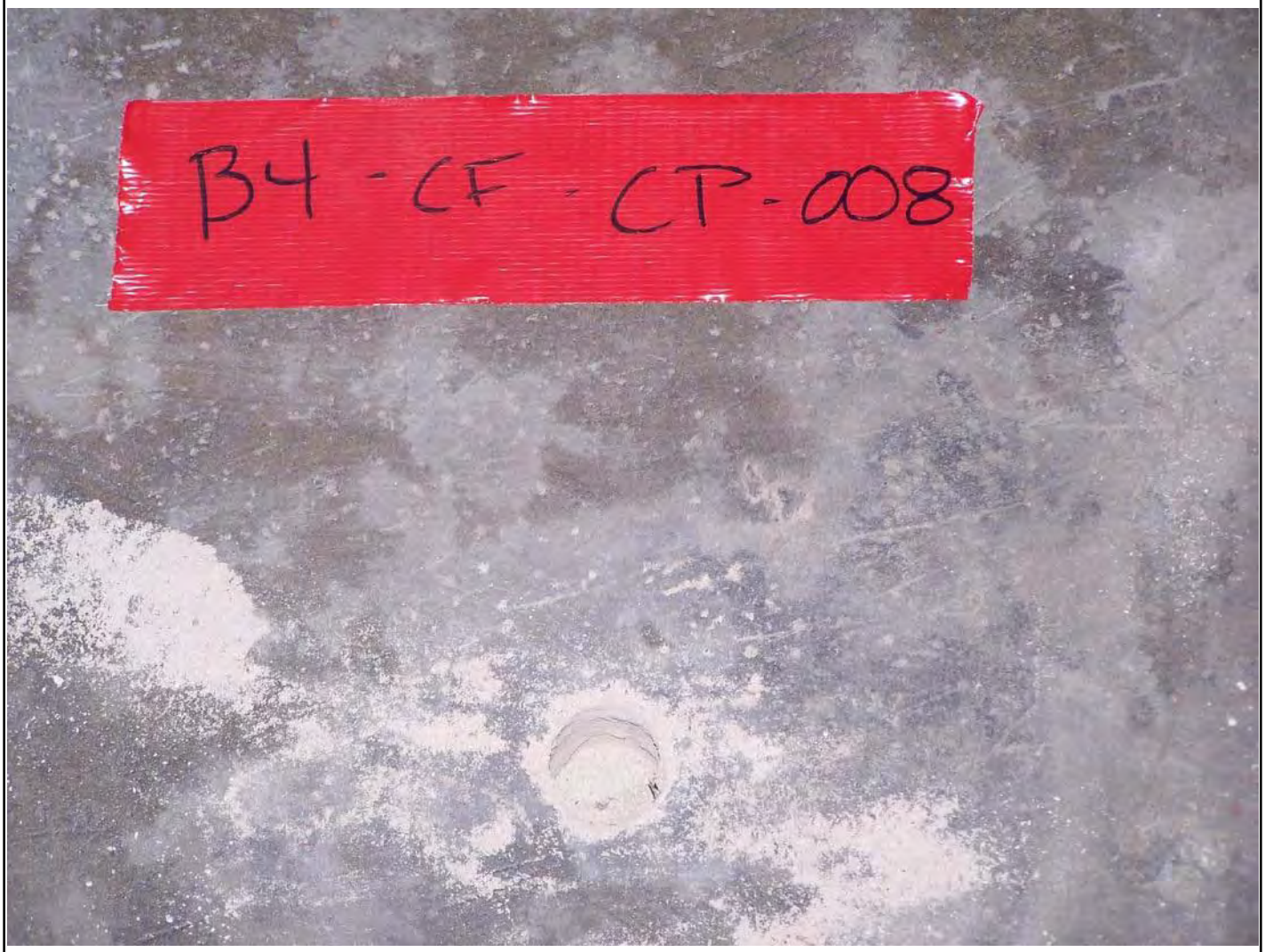
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-MD-PLC-008



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-CF-CP-008

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-MD-PP-009

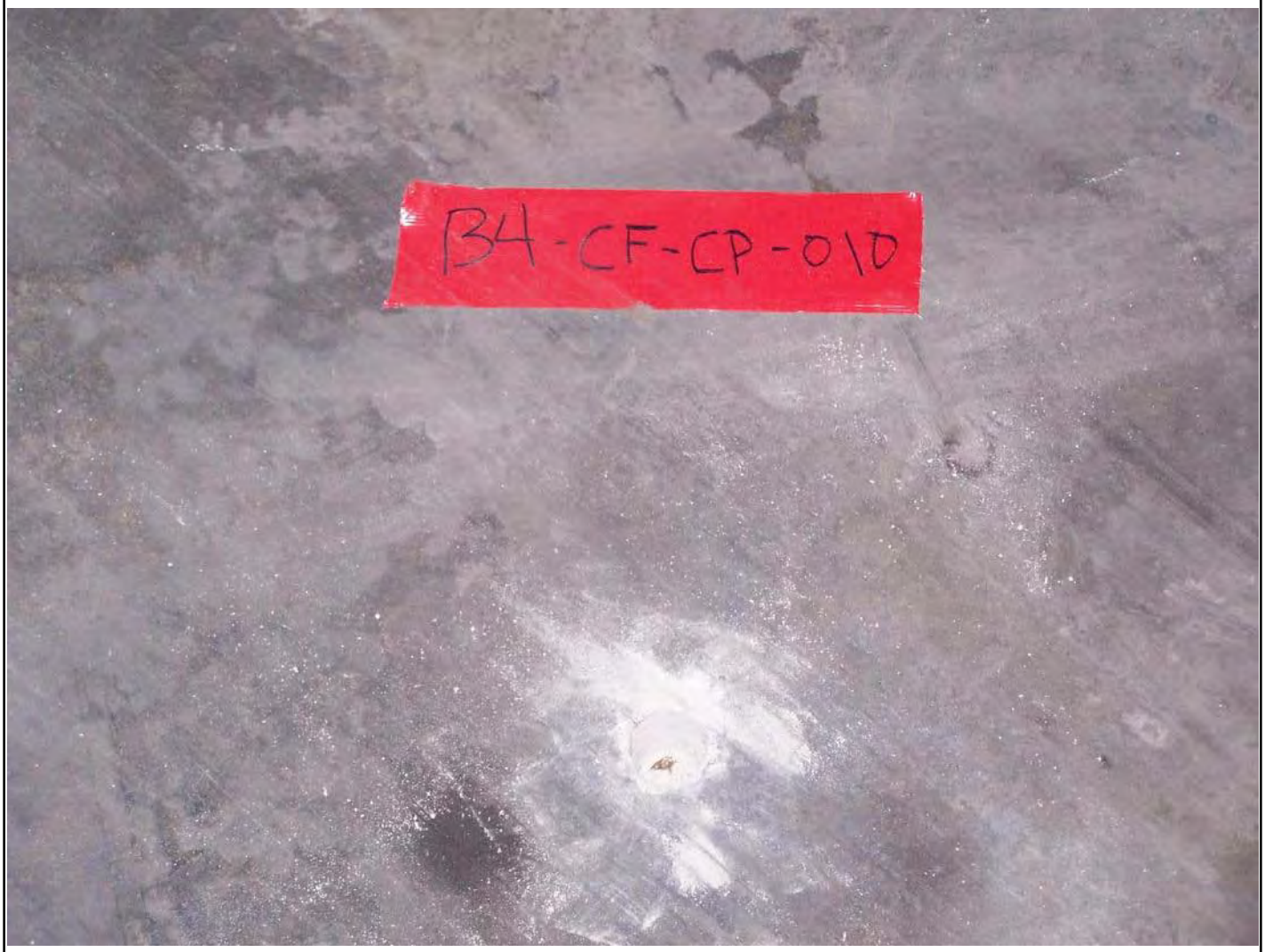
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-CF-CHWP-009



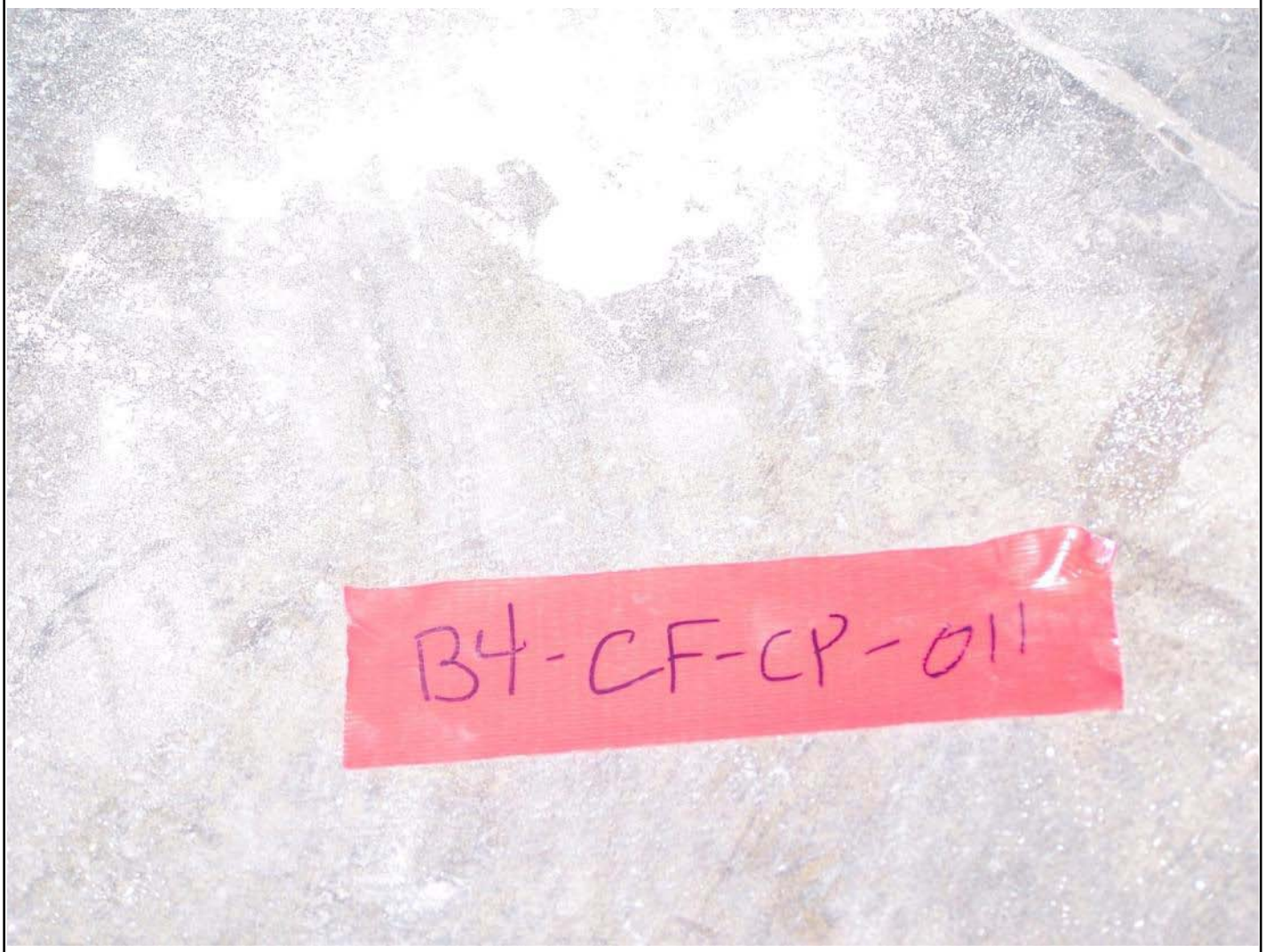
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-CF-CP-010



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-CF-CP-011

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-CF-CHWP-012

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-CF-CP-013

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-WW-CP-014

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 4

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B4-PW-CP-015

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B08-DF-PP-001

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B08-DF-PLC-002

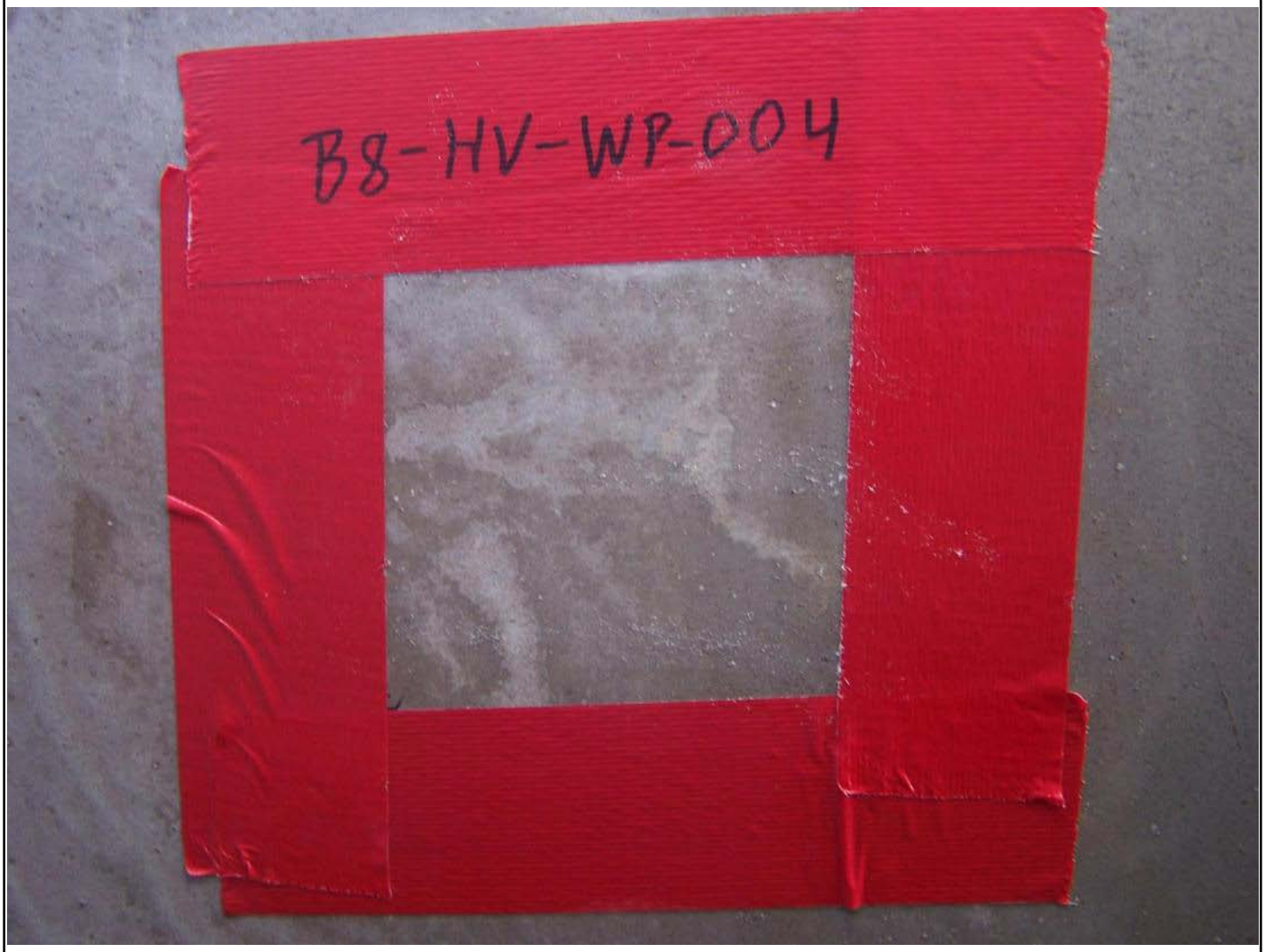
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B08-CW-B-003



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B8-HV-WP-004

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B8-WC-CHWP-005

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE
B8-CF-CP-006

B8-CF-CP-006DUP

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B08-WW-CP-007

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B08-CW-CP-008

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B8-CW-CHWP-009

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE
B8-CF-CHWP-010
B8-CF-CHWP-010DUP

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 8

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B8-SMP-CP-011

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-MW-WP-001

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-MW-WP-002

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLES
B17-MS-PLC-003

B17-MS-PP-004

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-SP-WP-005

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-WC-CP-006

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-WC-CHWP-007

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-WS-CHWP-008

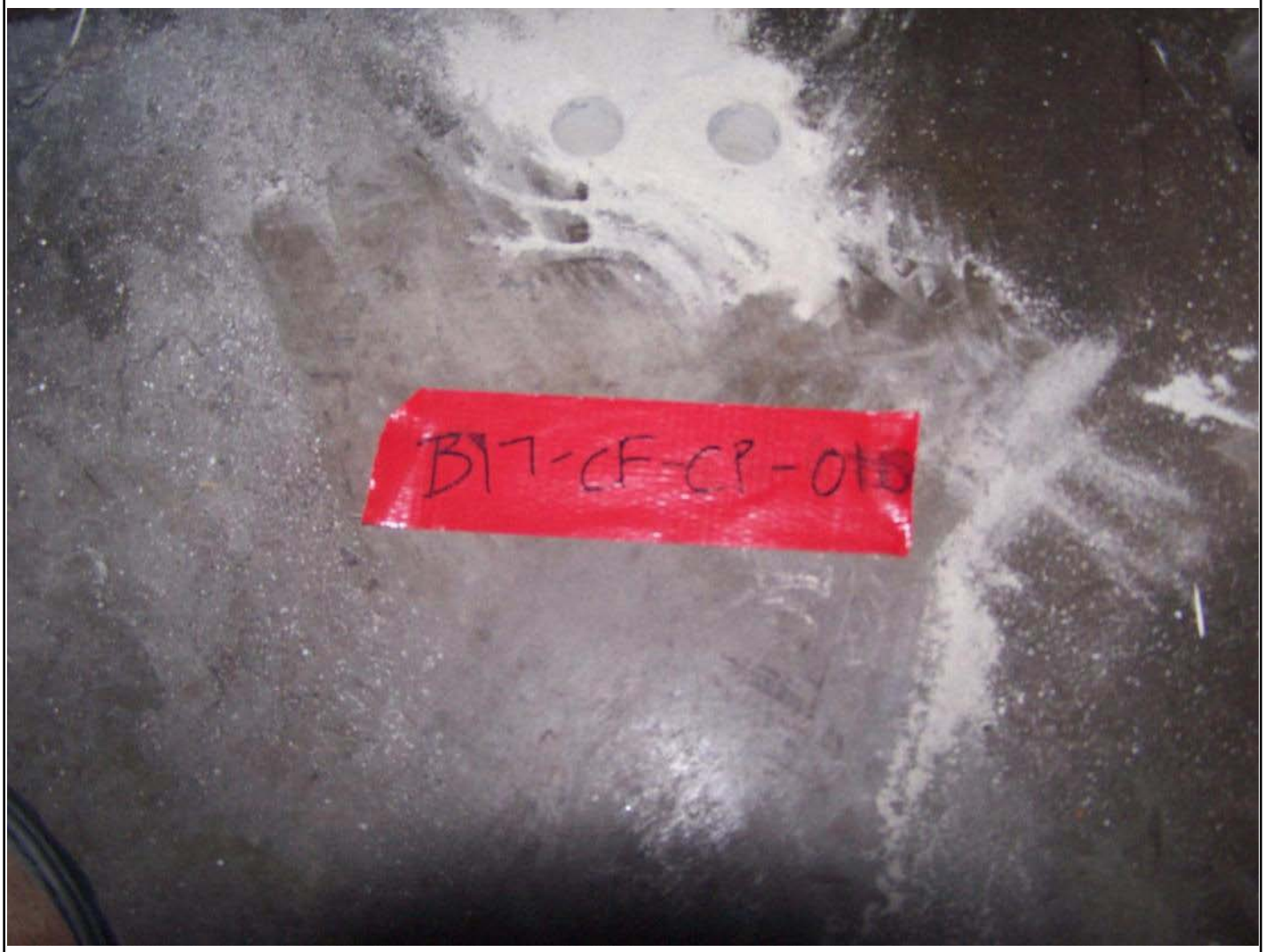
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-WS-CP-009



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-CF-CP-010
B17-CF-CP-010DUP

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-CF-CHWP-011

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 17

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B17-CF-CP-012

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 18

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B18-MW-PLC-001

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 18

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B18-MW-PP-002

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 18

ARCADIS
Infrastructure, environment, buildings

SAMPLE
B18-SS-WP-003

B18-SS-QP-003DUP

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 18

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B18-CF-CP-004

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 18

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B18-CF-CHWP-005

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 18

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B18-BW-CP-006

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 18

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B18-CF-CP-007

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 20

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B20-MD-PLC-001

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 20

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B20-MD-WP-002

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 20

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B20-SS-WP-003

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 20

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B20-SS-WP-003DUP

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 20

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B20-CF-CP-004

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 20

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B20-CF-CHWP-005

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 20

ARCADIS
Infrastructure, environment, buildings

SAMPLE

B20-CF-CP-006

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-SP-PP-001

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-SP-PLC-002

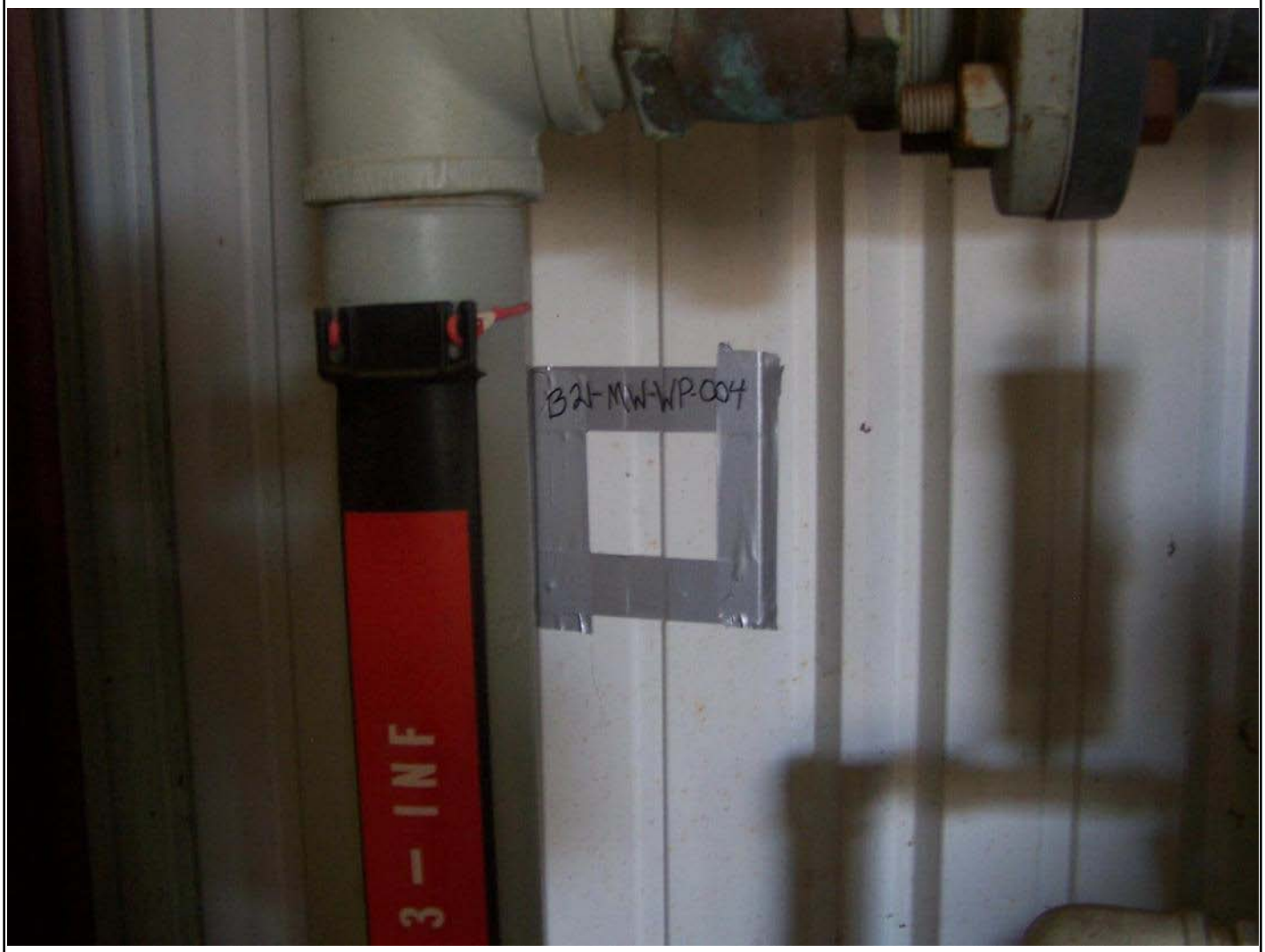
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-EQ-WP-003



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-MW-WP-004

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-MW-WP-005

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-006

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-008

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-SMP-B-009

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-CF-CHWP-010

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-SMP-CP-011

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-CF-CHQP-012

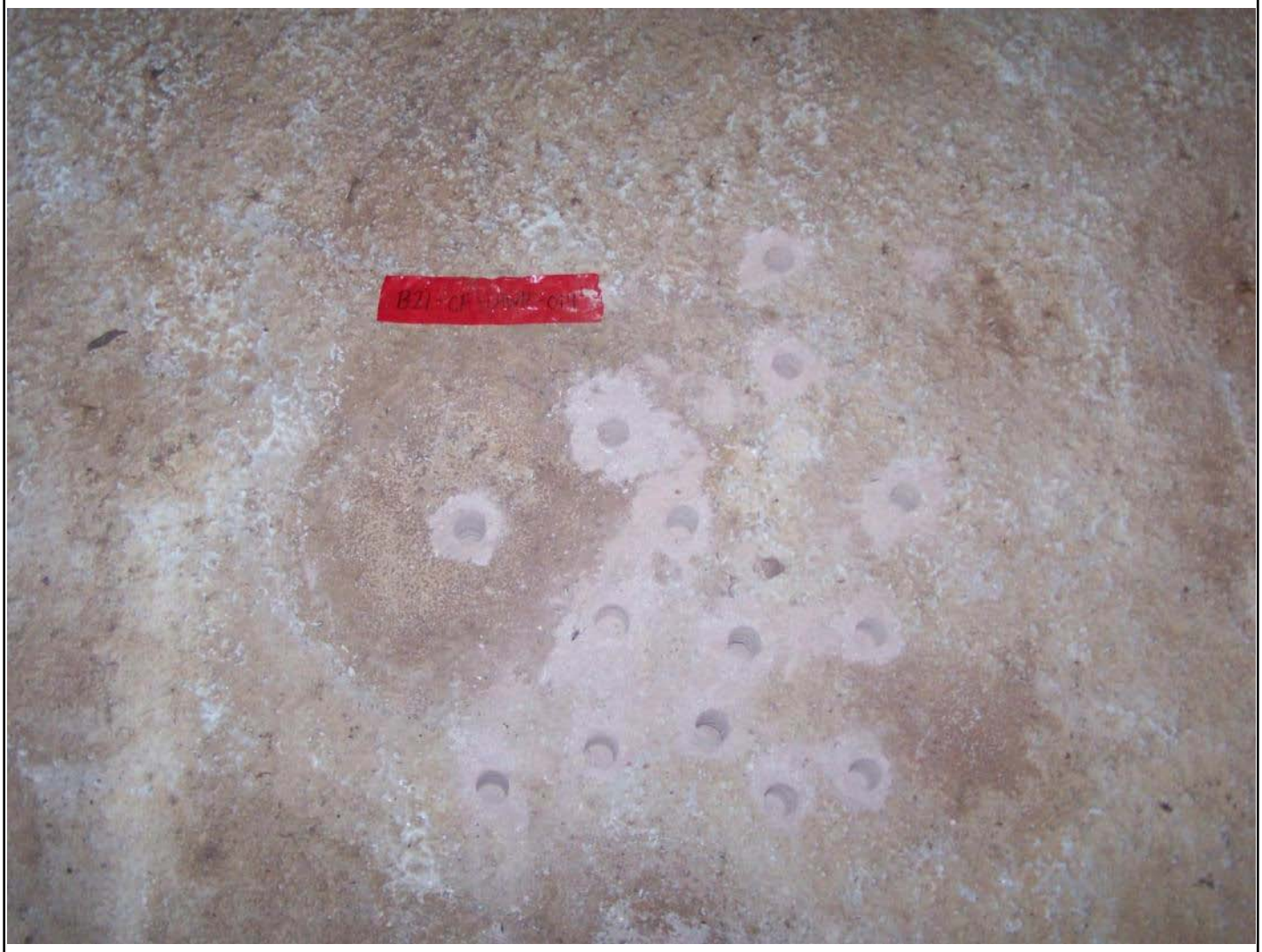
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-SMP-CP-013



General Electric Company **East 14th Street Facility** **Oakland, California**
Phase 1 Building Assessment Report **Photo Log – Building 21**

ARCADIS *Infrastructure, environment, buildings*	**SAMPLE ID** **B21-CF-CHWP-014**

General Electric Company **East 14th Street Facility** **Oakland, California**
Phase 1 Building Assessment Report **Photo Log – Building 21**

ARCADIS *Infrastructure, environment, buildings*	**SAMPLE ID** **B21-CF-CP-015**

General Electric Company East 14th Street Facility Oakland, California	
Phase 1 Building Assessment Report Photo Log – Building 21	
ARCADIS *Infrastructure, environment, buildings*	**SAMPLE ID** **B21-CF-CP-016 B21-CF-CP-016DUP**

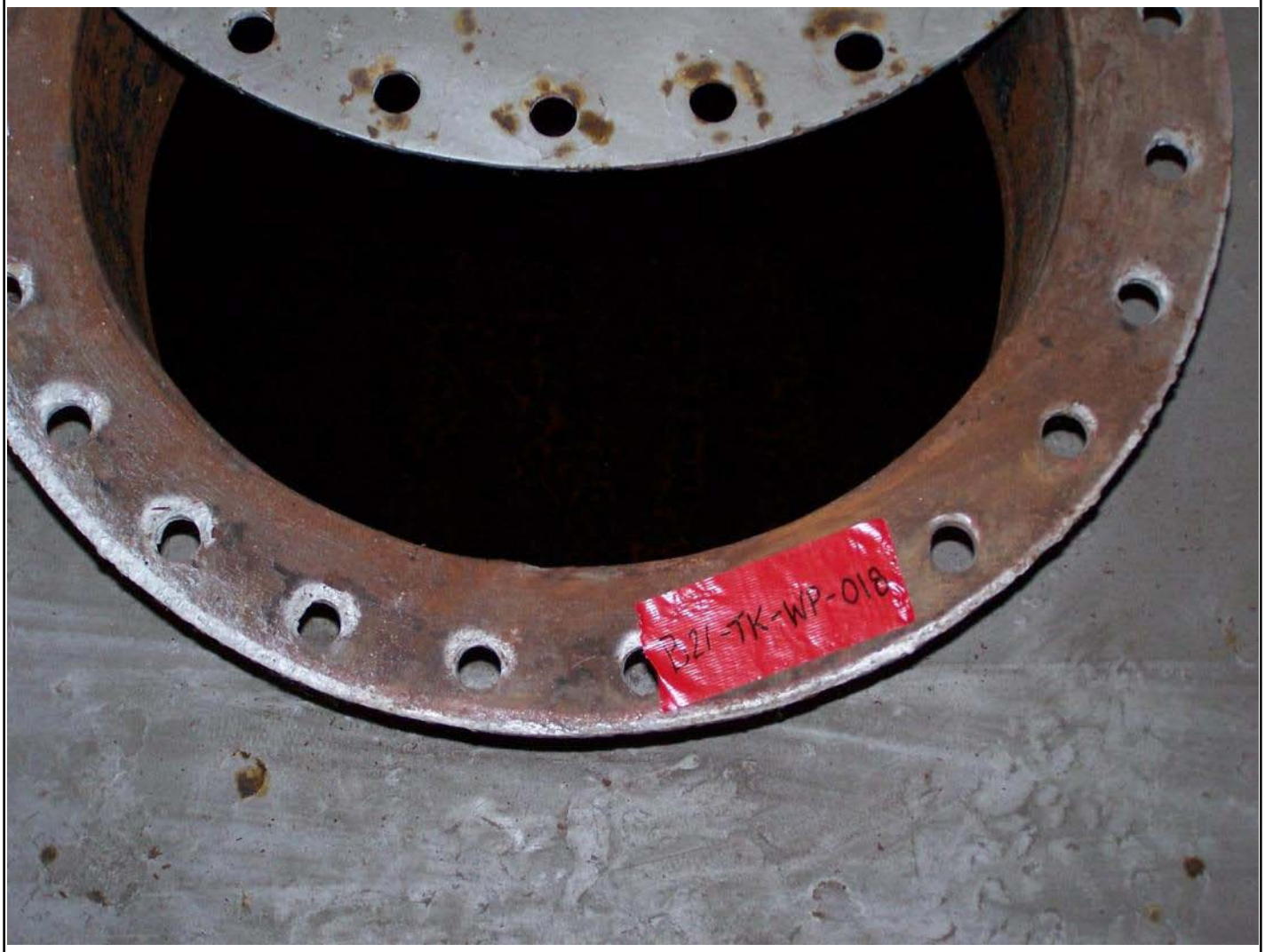
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-017



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-018

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-019

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-020

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-021

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-022

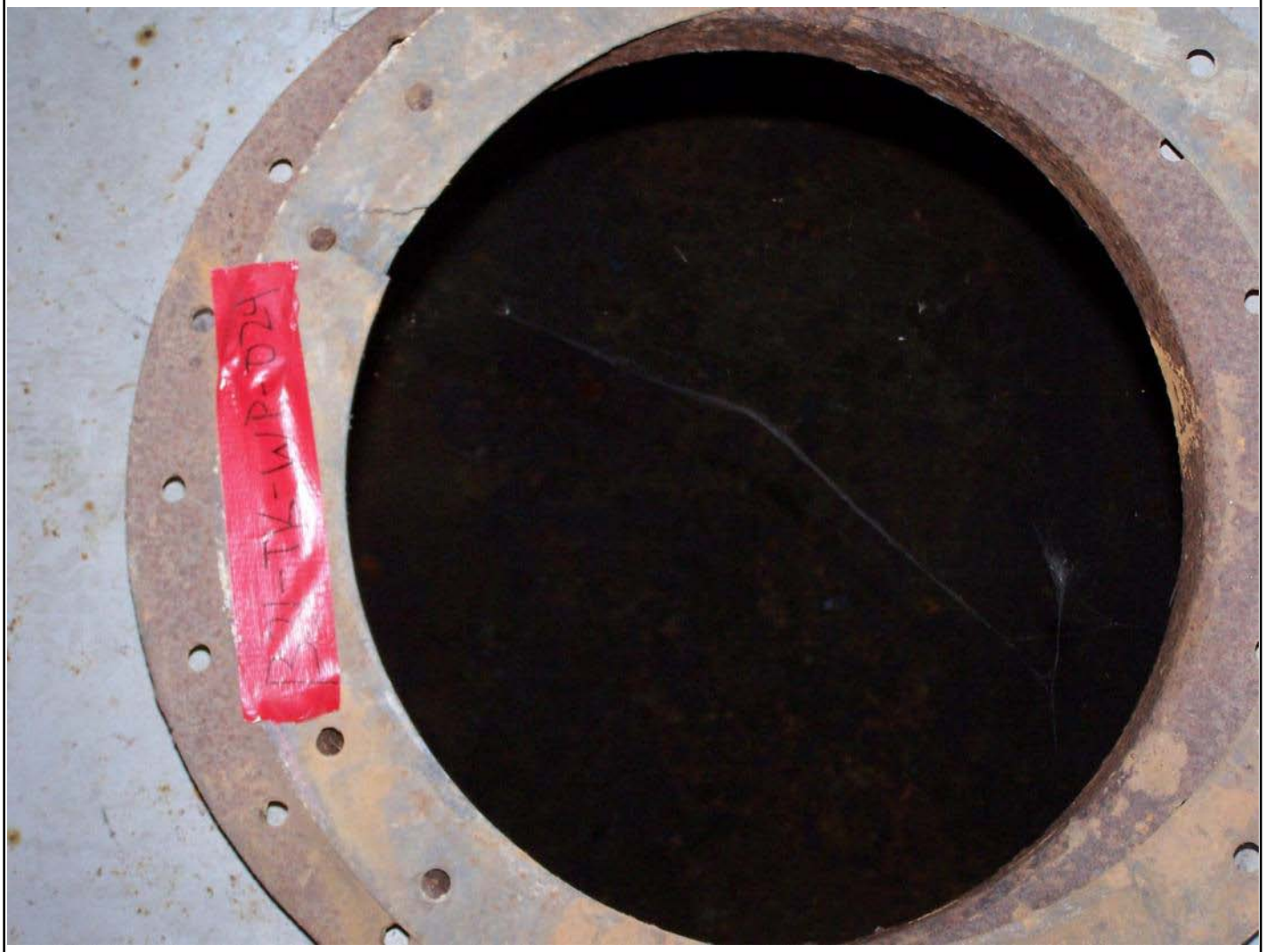
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-023



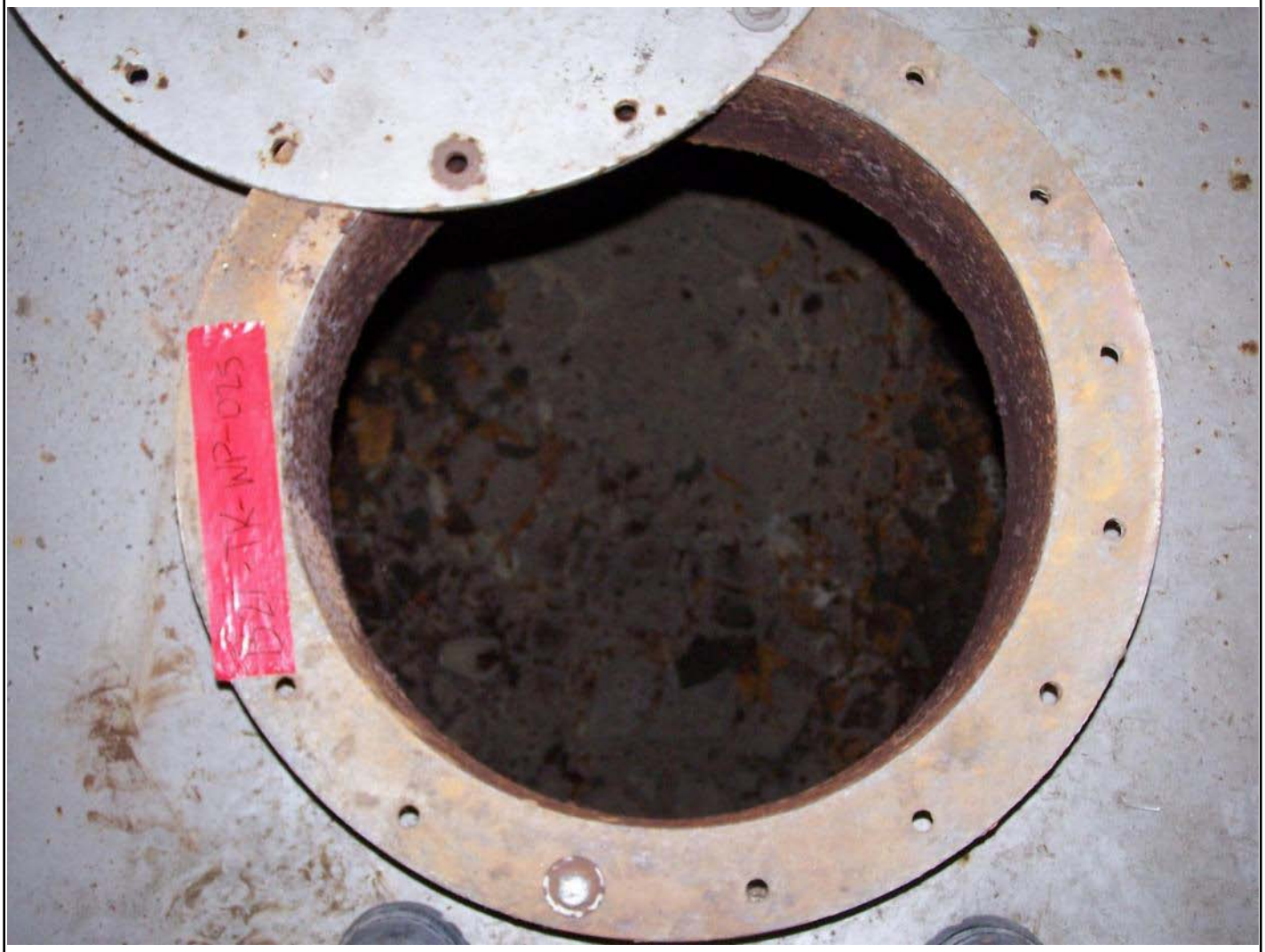
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-024



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-025

General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Building 21

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

B21-TK-WP-026

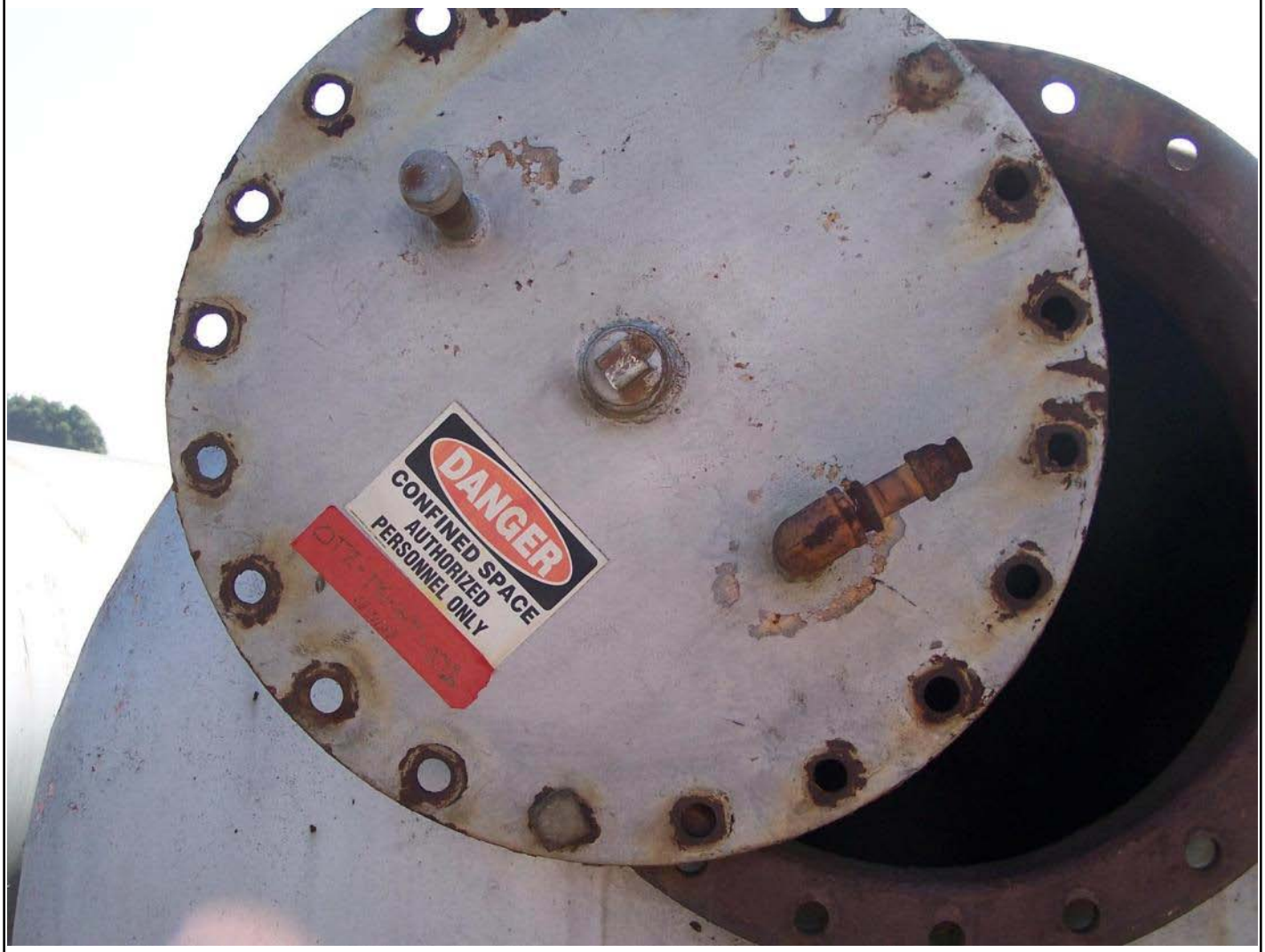
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Outer Tanks

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

OT1-TK-WP-001
OT1-TK-B-002



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Outer Tanks

ARCADIS
Infrastructure, environment, buildings

SAMPLE ID

OT2-TK-WP-001

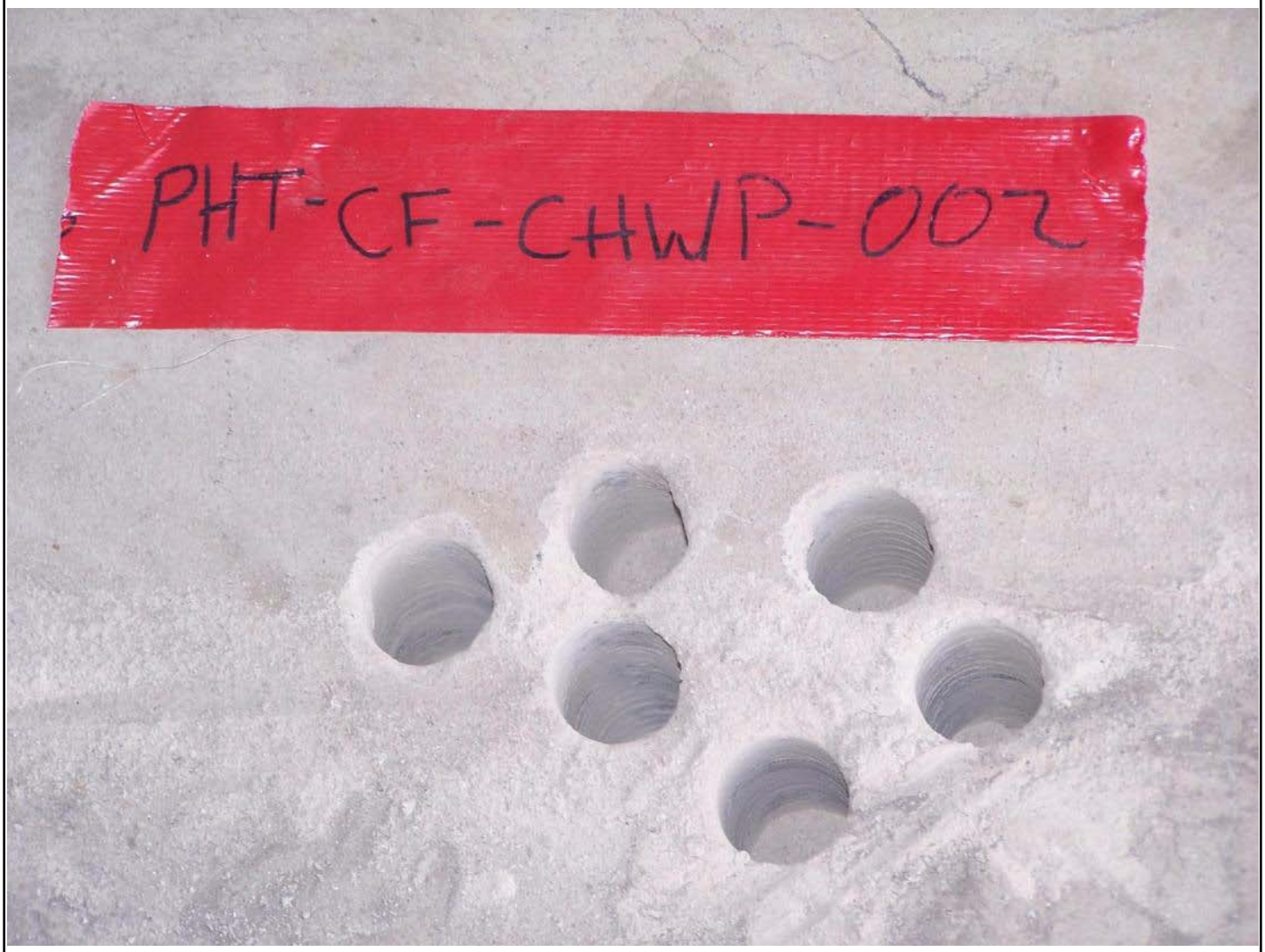
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Pump House

ARCADIS
Infrastructure, environment, buildings

SAMPLE

PHT-EQ-WP-001



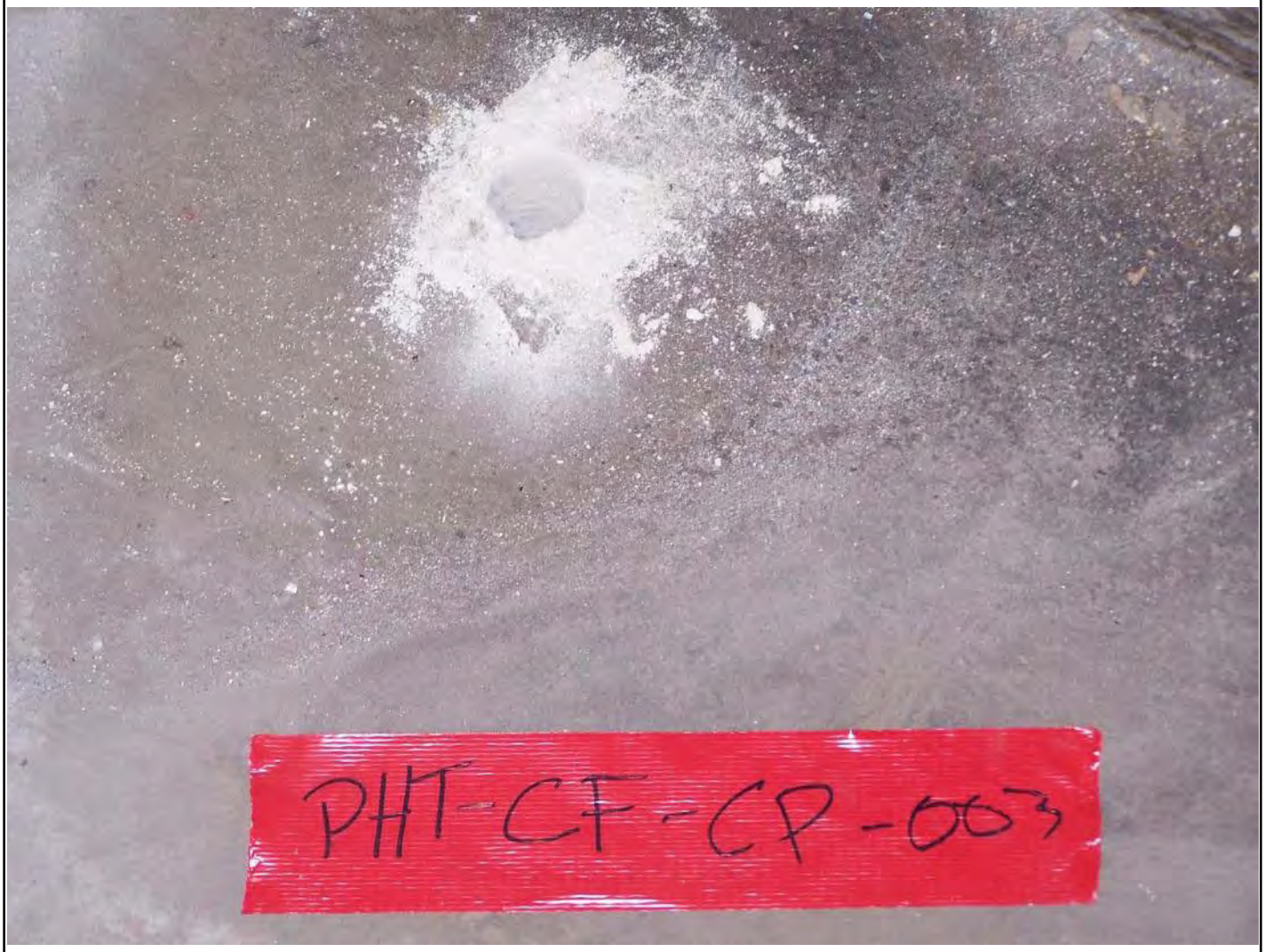
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Pump House

ARCADIS
Infrastructure, environment, buildings

SAMPLE

PHT-CF-CHWP-002



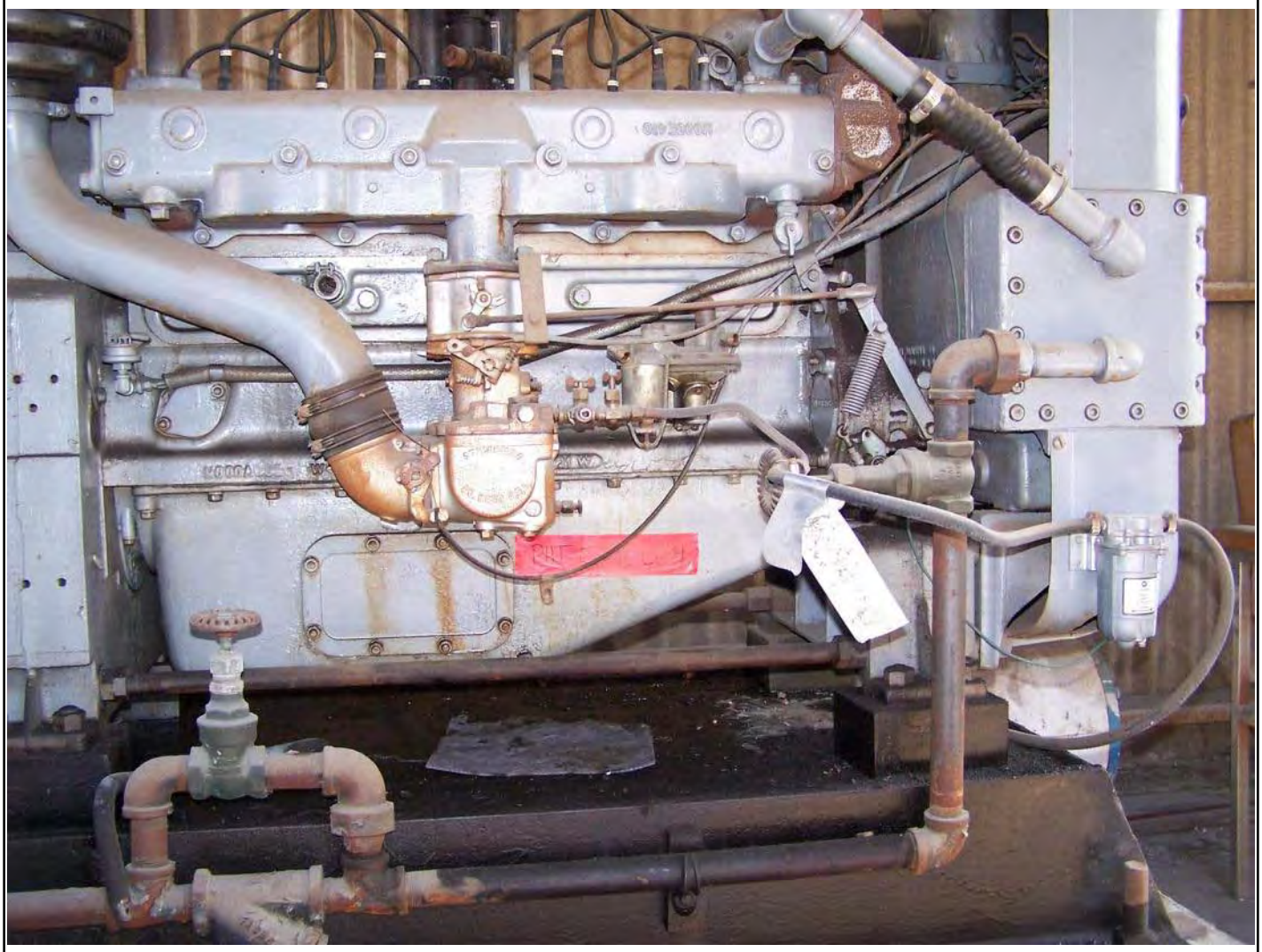
General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Pump House

ARCADIS
Infrastructure, environment, buildings

SAMPLE

PHT-CF-CP-003



General Electric Company
East 14th Street Facility
Oakland, California

Phase 1 Building Assessment Report
Photo Log – Pump House

ARCADIS
Infrastructure, environment, buildings

SAMPLE

PHT-EQ-B-004

ARCADIS

Appendix E

Laboratory Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.0003

Sampled: 11/03/08-11/05/08
Received: 11/06/08
Issued: 11/19/08 16:20

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRK0713-01	B18-MW-PP-002	Solid
IRK0713-02	1BH-WC-PLC-010	Solid
IRK0713-03	1BH-SS-PP-011	Solid
IRK0713-04	1B1-BW-PLC-003	Solid
IRK0713-05	1BH-BW-PLC-001	Solid
IRK0713-06	1B1-SS-PP-004	Solid
IRK0713-07	1BH-SS-PP-002	Solid
IRK0713-08	B2-WC-PP-005	Solid
IRK0713-09	B2-HV-WP-006	Wipe
IRK0713-10	B2-HV-WP-007	Wipe
IRK0713-11	B4-MD-PLC-008	Solid
IRK0713-12	B4-MD-PP-009	Solid
IRK0713-13	B2-MD-WP-001	Wipe
IRK0713-14	B2-BW-PLC-002	Solid
IRK0713-15	B2-BW-PLC-002DUP	Solid
IRK0713-16	B2-SS-PP-003	Solid
IRK0713-17	B2-SS-PP-003DUP	Solid
IRK0713-18	B2-BW-PLC-004	Solid
IRK0713-19	B08-DF-PP-001	Solid
IRK0713-20	B08-DF-PLC-002	Solid
IRK0713-21	B21-SP-PP-001	Solid
IRK0713-22	B21-SP-PLC-002	Solid
IRK0713-23	B20-MD-PLC-001	Solid

TestAmerica Irvine

Sushmitha Reddy
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego 9095 Rio San Diego Dr, Suite 240 San Diego, CA 92108 Attention: George Cebula	Project ID: Oakland B0031045.0003 Report Number: IRK0713	Sampled: 11/03/08-11/05/08 Received: 11/06/08

LABORATORY ID	CLIENT ID	MATRIX
IRK0713-24	B18-MD-PLC-001	Solid

Reviewed By:

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0713-01 (B18-MW-PP-002 - Solid)					**Sampled: 11/03/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	170	ND	3.41	11/12/2008	11/13/2008	RL4
Aroclor 1221	EPA 8082	8K12051	170	ND	3.41	11/12/2008	11/13/2008	RL4
Aroclor 1232	EPA 8082	8K12051	170	ND	3.41	11/12/2008	11/13/2008	RL4
Aroclor 1242	EPA 8082	8K12051	170	ND	3.41	11/12/2008	11/13/2008	RL4
Aroclor 1248	EPA 8082	8K12051	170	ND	3.41	11/12/2008	11/13/2008	RL4
Surrogate: Decachlorobiphenyl (45-120%)				*66 %*				
Sample ID: IRK0713-01RE1 (B18-MW-PP-002 - Solid)					**Sampled: 11/03/08**			
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	850	**1800**	17	11/12/2008	11/15/2008	A-01d
Aroclor 1260	EPA 8082	8K12051	850	**3500**	17	11/12/2008	11/15/2008	A-01b
Surrogate: Decachlorobiphenyl (45-120%)				*91 %*				
Sample ID: IRK0713-03 (1BH-SS-PP-011 - Solid)					**Sampled: 11/05/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	50	ND	1	11/12/2008	11/18/2008	
Aroclor 1221	EPA 8082	8K12051	50	ND	1	11/12/2008	11/18/2008	
Aroclor 1232	EPA 8082	8K12051	50	ND	1	11/12/2008	11/18/2008	
Aroclor 1242	EPA 8082	8K12051	50	ND	1	11/12/2008	11/18/2008	
Aroclor 1248	EPA 8082	8K12051	50	ND	1	11/12/2008	11/18/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*23 %*				*ZX*
Sample ID: IRK0713-03RE1 (1BH-SS-PP-011 - Solid)					**Sampled: 11/05/08**			
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	5000	ND	100	11/12/2008	11/15/2008	RL1
Aroclor 1260	EPA 8082	8K12051	5000	**17000**	100	11/12/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*71 %*				*Z3*

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0713-06 (1B1-SS-PP-004 - Solid)					**Sampled: 11/04/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	1000	ND	20	11/12/2008	11/18/2008	
Aroclor 1221	EPA 8082	8K12051	1000	ND	20	11/12/2008	11/18/2008	
Aroclor 1232	EPA 8082	8K12051	1000	ND	20	11/12/2008	11/18/2008	
Aroclor 1242	EPA 8082	8K12051	1000	ND	20	11/12/2008	11/18/2008	
Aroclor 1248	EPA 8082	8K12051	1000	**2500**	20	11/12/2008	11/18/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*455 %*				*Z3*
Sample ID: IRK0713-06RE1 (1B1-SS-PP-004 - Solid)					**Sampled: 11/04/08**			
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	12000	ND	250	11/12/2008	11/15/2008	RL1
Aroclor 1260	EPA 8082	8K12051	12000	**61000**	250	11/12/2008	11/15/2008	A-01
Surrogate: Decachlorobiphenyl (45-120%)				*865 %*				*Z3*
Sample ID: IRK0713-07 (1BH-SS-PP-002 - Solid)					**Sampled: 11/04/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	210	ND	4.17	11/12/2008	11/13/2008	RL4
Aroclor 1221	EPA 8082	8K12051	210	ND	4.17	11/12/2008	11/13/2008	RL4
Aroclor 1232	EPA 8082	8K12051	210	ND	4.17	11/12/2008	11/13/2008	RL4
Aroclor 1242	EPA 8082	8K12051	210	ND	4.17	11/12/2008	11/13/2008	RL4
Aroclor 1248	EPA 8082	8K12051	210	ND	4.17	11/12/2008	11/13/2008	RL4
Surrogate: Decachlorobiphenyl (45-120%)				*59 %*				
Sample ID: IRK0713-07RE1 (1BH-SS-PP-002 - Solid)					**Sampled: 11/04/08**			
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	10000	ND	208	11/12/2008	11/15/2008	RL1
Aroclor 1260	EPA 8082	8K12051	10000	**47000**	208	11/12/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*93 %*				

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B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0713-08 (B2-WC-PP-005 - Solid)					**Sampled: 11/05/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	1000	ND	20	11/12/2008	11/13/2008	RL4
Aroclor 1221	EPA 8082	8K12051	1000	ND	20	11/12/2008	11/13/2008	RL4
Aroclor 1232	EPA 8082	8K12051	1000	ND	20	11/12/2008	11/13/2008	RL4
Aroclor 1242	EPA 8082	8K12051	1000	ND	20	11/12/2008	11/13/2008	RL4
Aroclor 1248	EPA 8082	8K12051	1000	ND	20	11/12/2008	11/13/2008	RL4
Surrogate: Decachlorobiphenyl (45-120%)				*62 %*				
Sample ID: IRK0713-08RE1 (B2-WC-PP-005 - Solid)					**Sampled: 11/05/08**			
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	100000	ND	2000	11/12/2008	11/15/2008	RL1
Aroclor 1260	EPA 8082	8K12051	100000	**280000**	2000	11/12/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*113 %*				*Z3*
Sample ID: IRK0713-09 (B2-HV-WP-006 - Wipe)					**Sampled: 11/05/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/13/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/13/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/13/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/13/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/13/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/13/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	**3.3**	1	11/10/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*64 %*				
Sample ID: IRK0713-10 (B2-HV-WP-007 - Wipe)					**Sampled: 11/05/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	**7.6**	1	11/10/2008	11/12/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*87 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0713-12 (B4-MD-PP-009 - Solid)					**Sampled: 11/05/08**			**RL4**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	
Aroclor 1221	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	
Aroclor 1232	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	
Aroclor 1242	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	
Aroclor 1248	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	
Aroclor 1254	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	
Aroclor 1260	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*70 %*				
Sample ID: IRK0713-13 (B2-MD-WP-001 - Wipe)					**Sampled: 11/05/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1221	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1232	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1242	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1248	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1254	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1260	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*84 %*				
Sample ID: IRK0713-16 (B2-SS-PP-003 - Solid)					**Sampled: 11/05/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1221	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1232	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1242	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1248	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*64 %*				
Sample ID: IRK0713-16RE1 (B2-SS-PP-003 - Solid)					**Sampled: 11/05/08**			
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	500	ND	10	11/12/2008	11/15/2008	RL1
Aroclor 1260	EPA 8082	8K12051	500	**3400**	10	11/12/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*84 %*				*Z3*

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Project ID: Oakland
B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0713-17 (B2-SS-PP-003DUP - Solid)					**Sampled: 11/05/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	250	ND	5	11/12/2008	11/13/2008	RL4
Aroclor 1221	EPA 8082	8K12051	250	ND	5	11/12/2008	11/13/2008	RL4
Aroclor 1232	EPA 8082	8K12051	250	ND	5	11/12/2008	11/13/2008	RL4
Aroclor 1242	EPA 8082	8K12051	250	ND	5	11/12/2008	11/13/2008	RL4
Aroclor 1248	EPA 8082	8K12051	250	ND	5	11/12/2008	11/13/2008	RL4
Surrogate: Decachlorobiphenyl (45-120%)				*66 %*				
Sample ID: IRK0713-17RE1 (B2-SS-PP-003DUP - Solid)					**Sampled: 11/05/08**			
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	5000	ND	100	11/12/2008	11/15/2008	RL1
Aroclor 1260	EPA 8082	8K12051	5000	**33000**	100	11/12/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*92 %*				*Z3*
Sample ID: IRK0713-19 (B08-DF-PP-001 - Solid)					**Sampled: 11/03/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	390	ND	7.89	11/12/2008	11/13/2008	RL4
Aroclor 1221	EPA 8082	8K12051	390	ND	7.89	11/12/2008	11/13/2008	RL4
Aroclor 1232	EPA 8082	8K12051	390	ND	7.89	11/12/2008	11/13/2008	RL4
Aroclor 1242	EPA 8082	8K12051	390	ND	7.89	11/12/2008	11/13/2008	RL4
Aroclor 1248	EPA 8082	8K12051	390	ND	7.89	11/12/2008	11/13/2008	RL4
Surrogate: Decachlorobiphenyl (45-120%)				*62 %*				
Sample ID: IRK0713-19RE1 (B08-DF-PP-001 - Solid)					**Sampled: 11/03/08**			
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	7900	**51000**	158	11/12/2008	11/15/2008	A-01c
Aroclor 1260	EPA 8082	8K12051	7900	**47000**	158	11/12/2008	11/15/2008	A-01b
Surrogate: Decachlorobiphenyl (45-120%)				*100 %*				*Z3*

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B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0713-21 (B21-SP-PP-001 - Solid)					**Sampled: 11/03/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1221	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1232	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1242	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1248	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1254	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1260	EPA 8082	8K12051	50	**290**	1	11/12/2008	11/13/2008	R-1
Surrogate: Decachlorobiphenyl (45-120%)				*50 %*				

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0713-02 (1BH-WC-PLC-010 - Solid)					**Sampled: 11/05/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	0.50	**0.72**	1	11/12/2008	11/12/2008	
Lead	EPA 6010B	8K12002	2.0	**100**	1	11/12/2008	11/12/2008	
Sample ID: IRK0713-04 (1B1-BW-PLC-003 - Solid)					**Sampled: 11/04/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	10	**36**	20	11/12/2008	11/12/2008	
Lead	EPA 6010B	8K12002	40	**2700**	20	11/12/2008	11/12/2008	
Sample ID: IRK0713-05 (1BH-BW-PLC-001 - Solid)					**Sampled: 11/04/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	0.50	**1.0**	1	11/12/2008	11/12/2008	
Lead	EPA 6010B	8K12002	2.0	**38**	1	11/12/2008	11/12/2008	
Sample ID: IRK0713-11 (B4-MD-PLC-008 - Solid)					**Sampled: 11/05/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	7.9	ND	15.7	11/12/2008	11/12/2008	RL1
Lead	EPA 6010B	8K12002	31	**830**	15.7	11/12/2008	11/12/2008	
Sample ID: IRK0713-14 (B2-BW-PLC-002 - Solid)					**Sampled: 11/05/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	10	**40**	20	11/12/2008	11/12/2008	
Lead	EPA 6010B	8K12002	40	**19000**	20	11/12/2008	11/12/2008	
Sample ID: IRK0713-15 (B2-BW-PLC-002DUP - Solid)					**Sampled: 11/05/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	5.0	**53**	10	11/12/2008	11/12/2008	
Lead	EPA 6010B	8K12002	20	**20000**	10	11/12/2008	11/12/2008	
Sample ID: IRK0713-18 (B2-BW-PLC-004 - Solid)					**Sampled: 11/05/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	25	**64**	50	11/12/2008	11/12/2008	
Lead	EPA 6010B	8K12002	100	**10000**	50	11/12/2008	11/12/2008	
Sample ID: IRK0713-20 (B08-DF-PLC-002 - Solid)					**Sampled: 11/03/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	0.50	**1.7**	1	11/12/2008	11/12/2008	
Lead	EPA 6010B	8K12002	2.0	**1100**	1	11/12/2008	11/12/2008	

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Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0713-22 (B21-SP-PLC-002 - Solid)					**Sampled: 11/03/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	2.5	ND	5	11/12/2008	11/12/2008	RL1
Lead	EPA 6010B	8K12002	10	**82**	5	11/12/2008	11/12/2008	
Sample ID: IRK0713-23 (B20-MD-PLC-001 - Solid)					**Sampled: 11/03/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	5.0	ND	10	11/12/2008	11/12/2008	RL1
Lead	EPA 6010B	8K12002	20	**7500**	10	11/12/2008	11/12/2008	
Sample ID: IRK0713-24 (B18-MD-PLC-001 - Solid)					**Sampled: 11/03/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12002	5.0	ND	10	11/12/2008	11/12/2008	RL1
Lead	EPA 6010B	8K12002	20	**400**	10	11/12/2008	11/12/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K10097 Extracted: 11/10/08										
Blank Analyzed: 11/12/2008 (8K10097-BLK2)										
Aroclor 1016	ND	1.0	ug/Wipe							
Aroclor 1221	ND	1.0	ug/Wipe							
Aroclor 1232	ND	1.0	ug/Wipe							
Aroclor 1242	ND	1.0	ug/Wipe							
Aroclor 1248	ND	1.0	ug/Wipe							
Aroclor 1254	ND	1.0	ug/Wipe							
Aroclor 1260	ND	1.0	ug/Wipe							
Surrogate: Decachlorobiphenyl	*0.408*		*ug/Wipe*	*0.500*		*82*	*45-120*			
LCS Analyzed: 11/12/2008 (8K10097-BS2)										
Aroclor 1016	2.95	1.0	ug/Wipe	4.00		74	65-115			
Aroclor 1260	3.04	1.0	ug/Wipe	4.00		76	65-115			
Surrogate: Decachlorobiphenyl	*0.398*		*ug/Wipe*	*0.500*		*80*	*45-120*			
LCS Dup Analyzed: 11/12/2008 (8K10097-BSD2)										
Aroclor 1016	3.03	1.0	ug/Wipe	4.00		76	65-115	3	30	
Aroclor 1260	3.08	1.0	ug/Wipe	4.00		77	65-115	1	30	
Surrogate: Decachlorobiphenyl	*0.397*		*ug/Wipe*	*0.500*		*79*	*45-120*			
Batch: 8K12051 Extracted: 11/12/08										
Blank Analyzed: 11/13/2008 (8K12051-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*28.1*		*ug/kg*	*33.3*		*84*	*45-120*			

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12051 Extracted: 11/12/08										
LCS Analyzed: 11/13/2008 (8K12051-BS1)										
Aroclor 1016	235	50	ug/kg	267		88	65-115			
Aroclor 1260	223	50	ug/kg	267		83	65-115			
Surrogate: Decachlorobiphenyl	*27.9*		*ug/kg*	*33.3*		*84*	*45-120*			
Matrix Spike Analyzed: 11/13/2008 (8K12051-MS1)					**Source: IRK0811-03**					
Aroclor 1016	424	100	ug/kg	533	ND	79	50-120			
Aroclor 1260	396	100	ug/kg	533	ND	74	50-125			
Surrogate: Decachlorobiphenyl	*50.1*		*ug/kg*	*66.7*		*75*	*45-120*			
Matrix Spike Dup Analyzed: 11/13/2008 (8K12051-MSD1)					**Source: IRK0811-03**					
Aroclor 1016	429	100	ug/kg	533	ND	80	50-120	1	30	
Aroclor 1260	397	100	ug/kg	533	ND	74	50-125	0	30	
Surrogate: Decachlorobiphenyl	*51.0*		*ug/kg*	*66.7*		*76*	*45-120*			
Batch: 8K12105 Extracted: 11/12/08										
Blank Analyzed: 11/14/2008 (8K12105-BLK1)										
Aroclor 1016	ND	1.0	ug/Wipe							
Aroclor 1221	ND	1.0	ug/Wipe							
Aroclor 1232	ND	1.0	ug/Wipe							
Aroclor 1242	ND	1.0	ug/Wipe							
Aroclor 1248	ND	1.0	ug/Wipe							
Aroclor 1254	ND	1.0	ug/Wipe							
Aroclor 1260	ND	1.0	ug/Wipe							
Surrogate: Decachlorobiphenyl	*0.417*		*ug/Wipe*	*0.500*		*83*	*45-120*			
LCS Analyzed: 11/14/2008 (8K12105-BS1)										
Aroclor 1016	3.29	1.0	ug/Wipe	4.00		82	65-115			
Aroclor 1260	3.36	1.0	ug/Wipe	4.00		84	65-115			
Surrogate: Decachlorobiphenyl	*0.415*		*ug/Wipe*	*0.500*		*83*	*45-120*			

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0713

Sampled: 11/03/08-11/05/08
Received: 11/06/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12105 Extracted: 11/12/08										
LCS Dup Analyzed: 11/14/2008 (8K12105-BSD1)										
Aroclor 1016	3.43	1.0	ug/Wipe	4.00		86	65-115	4	30	
Aroclor 1260	3.54	1.0	ug/Wipe	4.00		89	65-115	5	30	
Surrogate: Decachlorobiphenyl	*0.448*		*ug/Wipe*	*0.500*		*90*	*45-120*			

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Sampled: 11/03/08-11/05/08
Received: 11/06/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12002 Extracted: 11/12/08										
Blank Analyzed: 11/12/2008 (8K12002-BLK1)										
Cadmium	ND	0.50	mg/kg							
Lead	ND	2.0	mg/kg							
LCS Analyzed: 11/12/2008 (8K12002-BS1)										
Cadmium	49.6	0.50	mg/kg	50.0		99	80-120			
Lead	48.3	2.0	mg/kg	50.0		97	80-120			
Matrix Spike Analyzed: 11/12/2008 (8K12002-MS1)					**Source: IRK0930-01**					
Cadmium	47.2	0.50	mg/kg	50.0	1.57	91	75-125			
Lead	58.3	2.0	mg/kg	50.0	23.3	70	75-125			*M2*
Matrix Spike Dup Analyzed: 11/12/2008 (8K12002-MSD1)					**Source: IRK0930-01**					
Cadmium	44.7	0.50	mg/kg	50.0	1.57	86	75-125	6	20	
Lead	62.7	2.0	mg/kg	50.0	23.3	79	75-125	7	20	

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Arcadis - Blasland, Bouck & Lee - San Diego 9095 Rio San Diego Dr, Suite 240 San Diego, CA 92108 Attention: George Cebula	Project ID: Oakland B0031045.0003 Report Number: IRK0713	Sampled: 11/03/08-11/05/08 Received: 11/06/08

DATA QUALIFIERS AND DEFINITIONS

A-01	Sample result might be biased high due to coelution of Aroclors 1248 and 1260.
A-01a	Sample result might be biased high due to coelution of Aroclors 1248 and 1260. Data was reprocessed in a different way as the calibration. (4 peaks were used in the primary column and 3 peaks in the confirmation column).
A-01b	Sample result might be biased high due to coelution of Aroclors 1254 and 1260.
A-01c	Sample result might be biased high due to coelution of Aroclors 1254 and 1260. The data was reprocessed in a different way as the calibration (4 peaks were used in the confirmation column).
A-01d	Sample result might be biased high due to coelution of Aroclors 1254 and 1260. The data was reprocessed in a different way as the calibration (4 peaks were used in the primary and confirmation columns).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R-1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
RL1	Reporting limit raised due to sample matrix effects.
RL4	Reporting limit raised due to insufficient sample volume.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

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Arcadis - Blasland, Bouck & Lee - San Diego 9095 Rio San Diego Dr, Suite 240 San Diego, CA 92108 Attention: George Cebula	Project ID: Oakland B0031045.0003 Report Number: IRK0713	Sampled: 11/03/08-11/05/08 Received: 11/06/08

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 3545/8082	Wipe	X	X
EPA 6010B	Solid	X	X
EPA 8082	Solid	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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CHAIN OF CUSTODY FORM

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1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

JRK0713

Client Name/Address: Arcadis
9095 Rio San Diego Dr Suite 240
San Diego, CA 92108

Project/PO Number: B0031045.0003

Project Manager: George Cebula

Phone Number: 619-291-7800 x 24

Sampler:

Fax Number: 619-291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	6010 Lead/Cadmium								Special Instructions
B18-MW-PP-002	B	4oz glass	1	11/03/08	1610	None	X									
1BH-WC-PLC-010	B	4oz glass	1	11/5/08	1413	NONE		X								
1BH-SS-PP-011	B	4oz glass	1	11/5/08	1415	NONE	X									
1B1-BW-PLC-003	B	4oz Glass	1	11/4/08	0931	NONE		X								
1BH-BW-PLC-001	B	4oz glass	1	11/4/08	0907	NONE		X								
1B1-SS-PP-004	B	4oz glass	1	11/4/08	0935	NONE	X									
1BH-SS-PP-002	B	4oz glass	1	11/4/08	0911	NONE	X									
~~1B0-SS-PP-003~~	~~B~~	~~4oz glass~~	~~1~~	~~11/5/08~~	~~1438~~	~~NONE~~	~~X~~									~~G~~
B2-WC-PP-005	B	4oz glass	1	11/5/08	1500	NONE	X									
B2-HV-WP-006	WIPE	4oz glass	1	11/5/08	1513	Hexane	X									
B2-HV-WP-007	WIPE	4oz glass	1	11/5/08	1523	Hexane	X									

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/5/08 1533	[signature]	11-5-08 15:33	same day ____ 72 hours ____
Relinquished By: [signature]	Date/Time: 11-5-08 16:00	Received By:	Date/Time:	24 hours ____ 5 days ____
				48 hours ____ normal ____
Relinquished By:	Date/Time:	Received in Lab By: [signature]	Date/Time: 11/6/08 10:10	Sample Integrity: (Check) intact X on ice 4.9/4.1

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

TAL-0013(1007)

Client Name/Address: ARCADIS, 9095 RIO SAN DIEGO DR. SUITE 240, SAN DIEGO, CA 92108

Project/PO Number: B0031045.0003

Project Manager: GEORGE CEBULA

Phone Number: 619-291-7800 x24

Sampler:

Fax Number: 619-291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	LEAD/CADMIUM 6010								Special Instructions
B4-MD-PLC-008	B	4oz. GLASS	1	11/5/08	0853	NONE		X								
B4-MD-PP-009	B	4oz. GLASS	1	11/5/08	0857	NONE	X									
B2-MD-WP-001	WIPE	4oz GLASS	1	11/5/08	0929	HEXANE	X									
B2-BW-PLC-002	B	4oz. GLASS	1	11/5/08	0950	NONE		X								
B2-BW-PLC-002DUP	B	4oz. GLASS	1	11/5/08	0953	NONE		X								
B2-SS-PP-003	B	4oz. GLASS	1	11/5/08	1001	NONE	X									
B2-SS-PP-003 DUP	B	4oz GLASS	1	11/5/08	1003	NONE	X									
B2-BW-PLC-004	B	4oz GLASS	1	11/5/08	1017	NONE		X								
B08-DF-PP-001	B	4oz Glass	1	11/3/08	1458	None	X									
B08-DF-PLC-002	B	4oz Glass	1	11/3/08	1502	None		X								
B21-SP-PP-001	B	4oz Glass	1	11/3/08	1518	None	X									
B21-SP-PLC-002	B	4oz Glass	1	11/3/08	1521	None		X								
B20-MD-PLC-001	B	4oz Glass	1	11/3/08	1552	None		X								
B18-MW-PLC-001	B	4oz Glass	1	11/3/08	1608	None		X								

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/5/08 1533	[signature]	11-5-08 15:33	same day ____ 72 hours ____
Relinquished By: [signature]	Date/Time: 11-5-08 16:00	Received By:	Date/Time:	24 hours ____ 5 days ____
				48 hours ____ normal ____
Relinquished By:	Date/Time:	Received in Lab By: [signature]	Date/Time: 11/6/08 10:10	Sample Integrity: (Check) intact X on ice 4.9/4.1

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LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.0003

Sampled: 11/04/08
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NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRK0717-01	1BH-BW-WP-005	Wipe
IRK0717-02	1BH-HV-WP-006	Wipe
IRK0717-03	1BH-GW-WP-007	Wipe
IRK0717-04	1BH-SMP-B-008	Solid
IRK0717-05	1BH-SMP-B-009	Solid
IRK0717-06	B18-SS-WP-003	Wipe
IRK0717-07	B18-SS-WP-003DUP	Wipe
IRK0717-08	B20-MD-MP-002	Wipe
IRK0717-09	PHT-EQ-WP-001	Wipe
IRK0717-10	B08-CW-B-003	Solid
IRK0717-11	B21-EQ-WP-003	Wipe
IRK0717-12	B21-MW-WP-004	Wipe
IRK0717-13	B21-MW-WP-005	Wipe
IRK0717-14	B21-TK-WP-006	Wipe
IRK0717-15	B21-SP-WP-007	Wipe
IRK0717-16	B21-TK-WP-008	Wipe
IRK0717-17	B21-SMP-B-009	Solid
IRK0717-18	B17-MW-WP-001	Wipe
IRK0717-19	B17-MW-WP-002	Wipe
IRK0717-20	B17-MS-PLC-003	Solid
IRK0717-21	B17-MS-PP-004	Solid
IRK0717-22	B9-MW-PLC-001	Solid
IRK0717-23	B9-MW-PP-002	Solid

TestAmerica Irvine

Sushmitha Reddy
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0717

Sampled: 11/04/08
Received: 11/05/08

LABORATORY ID	CLIENT ID	MATRIX
IRK0717-24	B4-EQ-WP-001	Wipe
IRK0717-25	B4-EQ-PLC-002	Solid
IRK0717-26	B4-EQ-PP-003	Solid
IRK0717-27	B4-SP-WP-004	Wipe
IRK0717-28	B4-SS-PLC-005	Solid
IRK0717-29	B4-PG-WP-007	Wipe
IRK0717-30	B4-SS-PP-006	Solid

Reviewed By:

TestAmerica Irvine

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B0031045.0003
Report Number: IRK0717

Sampled: 11/04/08
Received: 11/05/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-01 (1BH-BW-WP-005 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*95 %*				
Sample ID: IRK0717-02 (1BH-HV-WP-006 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*75 %*				
Sample ID: IRK0717-02RE1 (1BH-HV-WP-006 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1260	EPA 3545/8082	8K10097	5.0	**16**	5	11/10/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*68 %*				
Sample ID: IRK0717-03 (1BH-GW-WP-007 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*82 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK0717

Sampled: 11/04/08
Received: 11/05/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-04 (1BH-SMP-B-008 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1221	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1232	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1242	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1248	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Aroclor 1254	EPA 8082	8K12051	50	ND	1	11/12/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*75 %*				
Sample ID: IRK0717-04RE1 (1BH-SMP-B-008 - Solid)								
Reporting Units: ug/kg								
Aroclor 1260	EPA 8082	8K12051	500	**1800**	10	11/12/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*87 %*				*Z3*
Sample ID: IRK0717-05 (1BH-SMP-B-009 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	1200	ND	25	11/12/2008	11/18/2008	RL1
Aroclor 1221	EPA 8082	8K12051	1200	ND	25	11/12/2008	11/18/2008	RL1
Aroclor 1232	EPA 8082	8K12051	1200	ND	25	11/12/2008	11/18/2008	RL1
Aroclor 1242	EPA 8082	8K12051	1200	ND	25	11/12/2008	11/18/2008	RL1
Aroclor 1248	EPA 8082	8K12051	1200	**3500**	25	11/12/2008	11/18/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*367 %*				*Z3*
Sample ID: IRK0717-05RE1 (1BH-SMP-B-009 - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	100000	ND	2000	11/12/2008	11/15/2008	RL1
Aroclor 1260	EPA 8082	8K12051	100000	**1000000**	2000	11/12/2008	11/15/2008	A-01
Surrogate: Decachlorobiphenyl (45-120%)				*730 %*				*Z3*

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Sampled: 11/04/08
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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-06 (B18-SS-WP-003 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*89 %*				
Sample ID: IRK0717-06RE1 (B18-SS-WP-003 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1260	EPA 3545/8082	8K10097	10	**22**	10	11/10/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*82 %*				*Z3*
Sample ID: IRK0717-07 (B18-SS-WP-003DUP - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*97 %*				
Sample ID: IRK0717-07RE1 (B18-SS-WP-003DUP - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1260	EPA 3545/8082	8K10097	3.0	**14**	3	11/10/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*72 %*				
Sample ID: IRK0717-08 (B20-MD-MP-002 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				

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B0031045.0003
Report Number: IRK0717

Sampled: 11/04/08
Received: 11/05/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-09 (PHT-EQ-WP-001 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	**1.7**	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*93 %*				
Sample ID: IRK0717-11 (B21-EQ-WP-003 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*90 %*				
Sample ID: IRK0717-12 (B21-MW-WP-004 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*94 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-13 (B21-MW-WP-005 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*96 %*				
Sample ID: IRK0717-14 (B21-TK-WP-006 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*95 %*				
Sample ID: IRK0717-15 (B21-SP-WP-007 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*95 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-16 (B21-TK-WP-008 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*89 %*				
Sample ID: IRK0717-17 (B21-SMP-B-009 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	850	ND	17	11/12/2008	11/13/2008	RL1
Aroclor 1221	EPA 8082	8K12051	850	ND	17	11/12/2008	11/13/2008	RL1
Aroclor 1232	EPA 8082	8K12051	850	ND	17	11/12/2008	11/13/2008	RL1
Aroclor 1242	EPA 8082	8K12051	850	ND	17	11/12/2008	11/13/2008	RL1
Aroclor 1248	EPA 8082	8K12051	850	ND	17	11/12/2008	11/13/2008	RL1
Aroclor 1254	EPA 8082	8K12051	850	ND	17	11/12/2008	11/13/2008	RL1
Surrogate: Decachlorobiphenyl (45-120%)				*34 %*				*Z3*
Sample ID: IRK0717-17RE1 (B21-SMP-B-009 - Solid)								
Reporting Units: ug/kg								
Aroclor 1260	EPA 8082	8K12051	17000	**68000**	341	11/12/2008	11/13/2008	R-1
Surrogate: Decachlorobiphenyl (45-120%)				*61 %*				*Z3*
Sample ID: IRK0717-18 (B17-MW-WP-001 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*84 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK0717

Sampled: 11/04/08
Received: 11/05/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-19 (B17-MW-WP-002 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*90 %*				
Sample ID: IRK0717-21 (B17-MS-PP-004 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	RL4
Aroclor 1221	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	RL4
Aroclor 1232	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	RL4
Aroclor 1242	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	RL4
Aroclor 1248	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	RL4
Aroclor 1254	EPA 8082	8K12051	360	ND	7.14	11/12/2008	11/13/2008	RL4
Aroclor 1260	EPA 8082	8K12051	360	**2000**	7.14	11/12/2008	11/13/2008	R-1
Surrogate: Decachlorobiphenyl (45-120%)				*59 %*				
Sample ID: IRK0717-23 (B9-MW-PP-002 - Solid)								**RL4**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	380	ND	7.5	11/12/2008	11/13/2008	
Aroclor 1221	EPA 8082	8K12051	380	ND	7.5	11/12/2008	11/13/2008	
Aroclor 1232	EPA 8082	8K12051	380	ND	7.5	11/12/2008	11/13/2008	
Aroclor 1242	EPA 8082	8K12051	380	ND	7.5	11/12/2008	11/13/2008	
Aroclor 1248	EPA 8082	8K12051	380	ND	7.5	11/12/2008	11/13/2008	
Aroclor 1254	EPA 8082	8K12051	380	ND	7.5	11/12/2008	11/13/2008	
Aroclor 1260	EPA 8082	8K12051	380	ND	7.5	11/12/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*68 %*				

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Project ID: Oakland
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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-24 (B4-EQ-WP-001 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				
Sample ID: IRK0717-26 (B4-EQ-PP-003 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	470	ND	9.37	11/12/2008	11/18/2008	RL4
Aroclor 1221	EPA 8082	8K12051	470	ND	9.37	11/12/2008	11/18/2008	RL4
Aroclor 1232	EPA 8082	8K12051	470	ND	9.37	11/12/2008	11/18/2008	RL4
Aroclor 1242	EPA 8082	8K12051	470	ND	9.37	11/12/2008	11/18/2008	RL4
Aroclor 1248	EPA 8082	8K12051	470	**3200**	9.37	11/12/2008	11/18/2008	A-01d
Surrogate: Decachlorobiphenyl (45-120%)				*78 %*				
Sample ID: IRK0717-26RE1 (B4-EQ-PP-003 - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	2300	**16000**	46.9	11/12/2008	11/13/2008	A-01b, R-1
Aroclor 1260	EPA 8082	8K12051	2300	**15000**	46.9	11/12/2008	11/13/2008	A-01b
Surrogate: Decachlorobiphenyl (45-120%)				*72 %*				
Sample ID: IRK0717-27 (B4-SP-WP-004 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/12/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	**1.6**	1	11/10/2008	11/12/2008	A-01f
Aroclor 1260	EPA 3545/8082	8K10097	1.0	**1.5**	1	11/10/2008	11/12/2008	A-01e
Surrogate: Decachlorobiphenyl (45-120%)				*77 %*				

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Project ID: Oakland
B0031045.0003
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Received: 11/05/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-29 (B4-PG-WP-007 - Wipe)								
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1221	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1232	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1242	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1248	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1254	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Aroclor 1260	EPA 3545/8082	8K10097	1.0	ND	1	11/10/2008	11/11/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				
Sample ID: IRK0717-30 (B4-SS-PP-006 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	680	ND	13.6	11/12/2008	11/18/2008	RL4
Aroclor 1221	EPA 8082	8K12051	680	ND	13.6	11/12/2008	11/18/2008	RL4
Aroclor 1232	EPA 8082	8K12051	680	ND	13.6	11/12/2008	11/18/2008	RL4
Aroclor 1242	EPA 8082	8K12051	680	ND	13.6	11/12/2008	11/18/2008	RL4
Aroclor 1248	EPA 8082	8K12051	680	**6300**	13.6	11/12/2008	11/18/2008	A-01c, R-1
Surrogate: Decachlorobiphenyl (45-120%)				*111 %*				
Sample ID: IRK0717-30RE1 (B4-SS-PP-006 - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	3400	**17000**	68.2	11/12/2008	11/13/2008	A-01b
Aroclor 1260	EPA 8082	8K12051	3400	**15000**	68.2	11/12/2008	11/13/2008	A-01b
Surrogate: Decachlorobiphenyl (45-120%)				*79 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK0717

Sampled: 11/04/08
Received: 11/05/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0717-10 (B08-CW-B-003 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K11107	0.020	**0.062**	1	11/11/2008	11/11/2008	
Arsenic	EPA 6010B	8K12132	4.0	**6.2**	2	11/12/2008	11/13/2008	
Barium	EPA 6010B	8K12132	2.0	**75**	2	11/12/2008	11/13/2008	
Cadmium	EPA 6010B	8K12132	1.0	**1.5**	2	11/12/2008	11/13/2008	
Chromium	EPA 6010B	8K12132	2.0	**150**	2	11/12/2008	11/13/2008	
Lead	EPA 6010B	8K12132	4.0	**81**	2	11/12/2008	11/13/2008	
Selenium	EPA 6010B	8K12132	4.0	ND	2	11/12/2008	11/13/2008	RL1
Silver	EPA 6010B	8K12132	2.0	ND	2	11/12/2008	11/13/2008	RL1
Sample ID: IRK0717-20 (B17-MS-PLC-003 - Solid)								
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12132	10	ND	20	11/12/2008	11/13/2008	RL1
Lead	EPA 6010B	8K12132	40	**1100**	20	11/12/2008	11/13/2008	
Sample ID: IRK0717-22 (B9-MW-PLC-001 - Solid)								
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12132	15	ND	30	11/12/2008	11/13/2008	RL1
Lead	EPA 6010B	8K12132	60	**790**	30	11/12/2008	11/13/2008	
Sample ID: IRK0717-25 (B4-EQ-PLC-002 - Solid)								
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12132	5.0	ND	10	11/12/2008	11/12/2008	RL1
Lead	EPA 6010B	8K12132	20	**3600**	10	11/12/2008	11/12/2008	
Sample ID: IRK0717-28 (B4-SS-PLC-005 - Solid)								
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K12132	0.50	ND	1	11/12/2008	11/12/2008	
Lead	EPA 6010B	8K12132	2.0	**14**	1	11/12/2008	11/12/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK0717

Sampled: 11/04/08
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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K10097 Extracted: 11/10/08										
Blank Analyzed: 11/12/2008 (8K10097-BLK2)										
Aroclor 1016	ND	1.0	ug/Wipe							
Aroclor 1221	ND	1.0	ug/Wipe							
Aroclor 1232	ND	1.0	ug/Wipe							
Aroclor 1242	ND	1.0	ug/Wipe							
Aroclor 1248	ND	1.0	ug/Wipe							
Aroclor 1254	ND	1.0	ug/Wipe							
Aroclor 1260	ND	1.0	ug/Wipe							
Surrogate: Decachlorobiphenyl	*0.408*		*ug/Wipe*	*0.500*		*82*	*45-120*			
LCS Analyzed: 11/12/2008 (8K10097-BS2)										
Aroclor 1016	2.95	1.0	ug/Wipe	4.00		74	65-115			
Aroclor 1260	3.04	1.0	ug/Wipe	4.00		76	65-115			
Surrogate: Decachlorobiphenyl	*0.398*		*ug/Wipe*	*0.500*		*80*	*45-120*			
LCS Dup Analyzed: 11/12/2008 (8K10097-BSD2)										
Aroclor 1016	3.03	1.0	ug/Wipe	4.00		76	65-115	3	30	
Aroclor 1260	3.08	1.0	ug/Wipe	4.00		77	65-115	1	30	
Surrogate: Decachlorobiphenyl	*0.397*		*ug/Wipe*	*0.500*		*79*	*45-120*			
Batch: 8K12051 Extracted: 11/12/08										
Blank Analyzed: 11/13/2008 (8K12051-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*28.1*		*ug/kg*	*33.3*		*84*	*45-120*			

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9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/04/08
San Diego, CA 92108	Report Number:	IRK0717	Received: 11/05/08
Attention: George Cebula			

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12051 Extracted: 11/12/08										
LCS Analyzed: 11/13/2008 (8K12051-BS1)										
Aroclor 1016	235	50	ug/kg	267		88	65-115			
Aroclor 1260	223	50	ug/kg	267		83	65-115			
Surrogate: Decachlorobiphenyl	*27.9*		*ug/kg*	*33.3*		*84*	*45-120*			
Matrix Spike Analyzed: 11/13/2008 (8K12051-MS1)					**Source: IRK0811-03**					
Aroclor 1016	424	100	ug/kg	533	ND	79	50-120			
Aroclor 1260	396	100	ug/kg	533	ND	74	50-125			
Surrogate: Decachlorobiphenyl	*50.1*		*ug/kg*	*66.7*		*75*	*45-120*			
Matrix Spike Dup Analyzed: 11/13/2008 (8K12051-MSD1)					**Source: IRK0811-03**					
Aroclor 1016	429	100	ug/kg	533	ND	80	50-120	1	30	
Aroclor 1260	397	100	ug/kg	533	ND	74	50-125	0	30	
Surrogate: Decachlorobiphenyl	*51.0*		*ug/kg*	*66.7*		*76*	*45-120*			

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11107 Extracted: 11/11/08										
Blank Analyzed: 11/11/2008 (8K11107-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 11/11/2008 (8K11107-BS1)										
Mercury	0.743	0.020	mg/kg	0.800		93	80-120			
Matrix Spike Analyzed: 11/11/2008 (8K11107-MS1)					**Source: IRK0717-10**					
Mercury	1.07	0.020	mg/kg	0.800	0.0622	127	70-130			
Matrix Spike Dup Analyzed: 11/11/2008 (8K11107-MSD1)					**Source: IRK0717-10**					
Mercury	0.898	0.020	mg/kg	0.800	0.0622	104	70-130	18	20	
Batch: 8K12132 Extracted: 11/12/08										
Blank Analyzed: 11/12/2008 (8K12132-BLK1)										
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Lead	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
LCS Analyzed: 11/12/2008 (8K12132-BS1)										
Arsenic	46.6	2.0	mg/kg	50.0		93	80-120			
Barium	47.8	1.0	mg/kg	50.0		96	80-120			
Cadmium	45.1	0.50	mg/kg	50.0		90	80-120			
Chromium	45.4	1.0	mg/kg	50.0		91	80-120			
Lead	46.4	2.0	mg/kg	50.0		93	80-120			
Selenium	44.1	2.0	mg/kg	50.0		88	80-120			
Silver	22.9	1.0	mg/kg	25.0		92	80-120			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12132 Extracted: 11/12/08										
Matrix Spike Analyzed: 11/12/2008 (8K12132-MS1)					**Source: IRJ2669-10**					
Arsenic	48.5	2.0	mg/kg	50.0	4.72	87	75-125			
Barium	182	1.0	mg/kg	50.0	138	88	75-125			
Cadmium	43.9	0.50	mg/kg	50.0	1.12	86	75-125			
Chromium	73.4	1.0	mg/kg	50.0	20.8	105	75-125			
Lead	46.7	2.0	mg/kg	50.0	2.91	88	75-125			
Selenium	40.5	2.0	mg/kg	50.0	ND	81	75-125			
Silver	21.7	1.0	mg/kg	25.0	ND	87	75-125			
Matrix Spike Dup Analyzed: 11/12/2008 (8K12132-MSD1)					**Source: IRJ2669-10**					
Arsenic	44.9	2.0	mg/kg	50.0	4.72	80	75-125	8	20	
Barium	169	1.0	mg/kg	50.0	138	63	75-125	7	20	*M2*
Cadmium	41.1	0.50	mg/kg	50.0	1.12	80	75-125	7	20	
Chromium	67.8	1.0	mg/kg	50.0	20.8	94	75-125	8	20	
Lead	43.0	2.0	mg/kg	50.0	2.91	80	75-125	8	20	
Selenium	37.0	2.0	mg/kg	50.0	ND	74	75-125	9	20	*M2*
Silver	20.5	1.0	mg/kg	25.0	ND	82	75-125	6	20	

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Sushmitha Reddy
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego	Project ID: Oakland	
9095 Rio San Diego Dr, Suite 240	B0031045.0003	Sampled: 11/04/08
San Diego, CA 92108	Report Number: IRK0717	Received: 11/05/08
Attention: George Cebula		

DATA QUALIFIERS AND DEFINITIONS

A-01	Sample result might be biased high due to coelution of Aroclors 1248 and 1260.
A-01a	Sample result might be biased high due to coelution of Aroclors 1248 and 1260. Data was reprocessed in a different way as the calibration. (4 peaks were used in the primary column and 4 peaks in the confirmation column).
A-01b	Sample result might be biased high due to coelution of Aroclors 1248,1254 and 1260.
A-01c	Sample result might be biased high due to coelution of Aroclors 1248,1254 and 1260. Data was reprocessed in a different way as the calibration. (4 peaks were used in the confirmation column).
A-01d	Sample result might be biased high due to coelution of Aroclors 1248,1254 and 1260. Data was reprocessed in a different way as the calibration. (4 peaks were used in the primary column and 4 peaks in the confirmation column).
A-01e	Sample result might be biased high due to coelution of Aroclors 1254 and 1260.
A-01f	Sample result might be biased high due to coelution of Aroclors 1254 and 1260. Data was reprocessed in a different way as the calibration, (4 peaks were used in the primary and confirmation) columns).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R-1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
RL1	Reporting limit raised due to sample matrix effects.
RL4	Reporting limit raised due to insufficient sample volume.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

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Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID: Oakland	
9095 Rio San Diego Dr, Suite 240	B0031045.0003	Sampled: 11/04/08
San Diego, CA 92108	Report Number: IRK0717	Received: 11/05/08
Attention: George Cebula		

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 3545/8082	Wipe	X	X
EPA 6010B	Solid	X	X
EPA 7471A	Solid	X	X
EPA 8082	Solid	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

TAL-0013(1007)

JRK0717

Client Name/Address: Arcadis
9095 Rio San Diego Pkw, Suite 240
San Diego CA 92108

Project/PO Number: B0031045.0003
GE 14 ST

Project Manager: George Cebula

Phone Number: 619-291-7800x 24

Sampler: Craig Gilliland

Fax Number: 619-291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	Total metals 6010 RCRA								Special Instructions
1BH-BW-WP-005	WP	4 oz glass	1	11/04/08	1052	Hexane	X									
1BH-HV-WP-006	WP	4 oz glass	1	11/04/08	1108	Hexane	X									
1BH-GW-WP-007	WP	4 oz	1	11/04/08	1113	Hexane	X									
1BH-SMP-B-008	B	4 oz	1	11/04/08	1128	None	X									
1BH-SMP-B-009	B	4 oz	1	11/04/08	1136	None	X									
B18-SS-WP-003	WP	4 oz glass	1	11/04/08	1304	HEXANE	X									
B18-SS-WP-003 Dup	WP	4 oz glass	1	11/04/08	1310	Hexane	X									
B20-MD-MP-002	WP	4 oz glass	1	11/04/08	1326	Hexane	X									
PHT-EQ-WP-001	WP	4 oz glass	1	11/04/08	1331	Hexane	X									
B08-CW-B-003	B	4 oz glass	1	11/04/08	1342	None	~~X~~	X								
B21-EQ-WP-003	WP	4 oz glass	1	11/04/08	1351	Hexane	X									
B21-MW-WP-004	WP	4 oz glass	1	11/04/08	1400	Hexane	X									
B21-MW-WP-005	WP	4 oz glass	1	11/04/08	1407	Hexane	X									
B21-TK-WP-006	WP	4 oz	1	11/04/08	1414	Hexane	X									

Relinquished By:	Date/Time:	Received By:	Date/Time:
Dennis [illegible]	11/04/08 16:48	Gerald Naylor	11-4-08 16:48
Gerald Naylor	11-4-08 GN 19:15		
		Received in Lab By:	Date/Time:
		VnBaulk	11/05/08 12:30

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ____

Sample Integrity: (Check)
intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

25 6.5/5.7

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2520 E. Sunset Rd. #3, Las Vegas, NV 69120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

TAL-0013(1007)

Client Name/Address: Arcadis
9095 Rio San Diego Dr. Ste 240
San Diego, CA 92108

Project/PO Number: B0031045.0003

Project Manager: George Cebula

Phone Number: 619.291.7800 x24

Sampler: Craig Gilliland

Fax Number: 619.291.5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	Lead/Cadmium 6010								Special Instructions
B21-SP-WP-007	WP	4oz glass	1	11/04/08	1422	Hexane	X									
B21-TK-WP-008	WP	4oz glass	1	11/04/08	1431	Hexane	X									
B21-SMP-B-009	B	4oz glass	1	11/04/08	1436	None	X									
B17-MW-WP-001	WP	4oz glass	1	11/04/08	1454	Hexane	X									
B17-MW-WP-002	WP	4oz glass	1	11/04/08	1503	Hexane	X									
B17-MS-PLC-003	B	4oz glass	1	11/04/08	1511	None		X								
B17-MS-PP-004	B	4oz glass	1	11/04/08	1512	None	X									
B9-MW-PLC-001	B	4oz glass	1	11/04/08	1527	None		X								
B9-MW-PP-002	B	4oz glass	1	11/04/08	1528	None	X									
B4-EQ-WP-001	WP	4oz glass	1	11/04/08	1553	Hexane	X									
B4-EQ-PLC-002	B	4oz glass	1	11/04/08	1600	None		X								
B4-EQ-PP-003	B	4oz glass	1	11/04/08	1608	None	X									
B4-SP-WP-004	WP	4oz glass	1	11/04/08	1603	Hexane	X									
B4-SS-PLC-005	~~WP~~ B DW	4oz glass	1	11/04/08	1627	None ~~Hexane~~ DW	DW	X								

Relinquished By:	Date/Time:	Received By:	Date/Time:
Dennis Wendell	11/04/08 16:48	Gerald Naylor	11-4-08 16:48
Gerald Naylor	11-4-08 17:15		
Relinquished By:	Date/Time:	Received in Lab By: Van Bank	Date/Time: 11/05/08 12:30

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ____

Sample Integrity: (Check)
intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

(LS) 6.5/5.7

(A)

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

TAL-0013(1007)

Client Name/Address: Arcadis
9095 Rio San Diego Dr. Suite 240
San Diego, CA 92108

Project/PO Number: B0031045.0003
GE 14St

Project Manager: George Cebula

Phone Number: 619-291-7800 x 24

Sampler: Craig Gilliland

Fax Number: 619-291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082									Special Instructions
B4-PG-WP-007	WP	4oz glass	1	11/04/08	1631	Hexane	X									
B4-SS-PP-006	B	4oz glass	1	11/04/08	1623	None	X									

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/04/08 16:48	[signature]	11-4-08 16:48	same day ____ 72 hours ____
[signature]	11-4-08 17:15			24 hours ____ 5 days ____
				48 hours ____ normal ____
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)
		[signature]	11/05/08 12:30	intact ✓ on ice ✓

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CS 6.5/5.7

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LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.0003

Sampled: 11/05/08-11/06/08
Received: 11/07/08
Issued: 11/19/08 15:37

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRK0811-01	B2-WC-PLC-008	Solid
IRK0811-02	B2-SS-PP-009	Solid
IRK0811-03	B17-WC-CP-006	Solid
IRK0811-04	B17-SP-WP-005	Wipe
IRK0811-05	B17-WC-CHWP-007	Solid
IRK0811-06	B17-WS-CHWP-008	Solid
IRK0811-07	B17-WS-CP-009	Solid
IRK0811-09	Trip Blank	Water

Reviewed By:

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)					**Sampled: 11/06/08**			**A-01, RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	1900	ND	952	11/17/2008	11/18/2008	C
1,1-Dichloroethane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	L
p-Isopropyltoluene	EPA 8260B	8K17014	950	**5700**	952	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	9500	ND	952	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	

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Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid) - cont.					**Sampled: 11/06/08**			**A-01, RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	2400	ND	952	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	4800	ND	952	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	950	ND	952	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*115 %*				
Surrogate: Dibromofluoromethane (55-140%)				*124 %*				
Surrogate: Toluene-d8 (60-140%)				*118 %*				

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)					**Sampled: 11/06/08**			**A-01, RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	2200	ND	1080	11/17/2008	11/18/2008	C
1,1-Dichloroethane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	L
p-Isopropyltoluene	EPA 8260B	8K17014	1100	**3200**	1080	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	11000	ND	1080	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	2700	**22000**	1080	11/17/2008	11/18/2008	

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Project ID: Oakland
B0031045.0003
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Received: 11/07/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid) - cont.					**Sampled: 11/06/08**			**A-01, RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	2700	ND	1080	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	5400	ND	1080	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	1100	ND	1080	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*100 %*				
Surrogate: Dibromofluoromethane (55-140%)				*107 %*				
Surrogate: Toluene-d8 (60-140%)				*104 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-09 (Trip Blank - Water)					**Sampled: 11/06/08**			**A-01a, P-HS**
Reporting Units: ug/l								
Benzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Bromobenzene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
Bromochloromethane	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
Bromodichloromethane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Bromoform	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	L
Bromomethane	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
n-Butylbenzene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
tert-Butylbenzene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
sec-Butylbenzene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
Carbon tetrachloride	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
Chlorobenzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Chloroethane	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
Chloroform	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Chloromethane	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
4-Chlorotoluene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
2-Chlorotoluene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
Dibromochloromethane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	L
Dibromomethane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,2-Dichlorobenzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,3-Dichlorobenzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,4-Dichlorobenzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Dichlorodifluoromethane	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	C, L
1,1-Dichloroethane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,2-Dichloroethane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,1-Dichloroethene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,3-Dichloropropane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	L
2,2-Dichloropropane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,2-Dichloropropane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,1-Dichloropropene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Ethylbenzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Hexachlorobutadiene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
Isopropylbenzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
p-Isopropyltoluene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Methylene chloride	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
Naphthalene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-09 (Trip Blank - Water) - cont.					**Sampled: 11/06/08**			**A-01a, P-HS**
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Styrene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	L
1,1,1,2-Tetrachloroethane	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Tetrachloroethene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Toluene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	L
1,2,4-Trichlorobenzene	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
1,1,1-Trichloroethane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,1,2-Trichloroethane	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Trichloroethene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Trichlorofluoromethane	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
1,2,3-Trichloropropane	EPA 8260B	8K14008	10	ND	1	11/14/2008	11/14/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Vinyl chloride	EPA 8260B	8K14008	5.0	ND	1	11/14/2008	11/14/2008	
m,p-Xylenes	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
o-Xylene	EPA 8260B	8K14008	2.0	ND	1	11/14/2008	11/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-120%)				*96 %*				
Surrogate: Toluene-d8 (80-120%)				*90 %*				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)					**Sampled: 11/06/08**			**RL1**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Acenaphthylene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Aniline	EPA 8270C	8K11036	39000	ND	93.7	11/11/2008	11/11/2008	
Anthracene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Benzidine	EPA 8270C	8K11036	62000	ND	93.7	11/11/2008	11/11/2008	
Benzo(a)anthracene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Benzo(a)pyrene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Benzo(b)fluoranthene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Benzo(k)fluoranthene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Benzoic acid	EPA 8270C	8K11036	78000	ND	93.7	11/11/2008	11/11/2008	
Benzyl alcohol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Butyl benzyl phthalate	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
4-Chloroaniline	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K11036	16000	ND	93.7	11/11/2008	11/11/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2-Chloronaphthalene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2-Chlorophenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Chrysene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K11036	39000	ND	93.7	11/11/2008	11/11/2008	
Dibenzofuran	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Di-n-butyl phthalate	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
1,2-Dichlorobenzene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
1,3-Dichlorobenzene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
1,4-Dichlorobenzene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K11036	78000	ND	93.7	11/11/2008	11/11/2008	
2,4-Dichlorophenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Diethyl phthalate	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2,4-Dimethylphenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Dimethyl phthalate	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K11036	39000	ND	93.7	11/11/2008	11/11/2008	
2,4-Dinitrophenol	EPA 8270C	8K11036	62000	ND	93.7	11/11/2008	11/11/2008	
2,4-Dinitrotoluene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2,6-Dinitrotoluene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Di-n-octyl phthalate	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid) - cont.					**Sampled: 11/06/08**			**RL1**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Fluorene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Hexachlorobenzene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Hexachlorobutadiene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K11036	78000	ND	93.7	11/11/2008	11/11/2008	
Hexachloroethane	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Isophorone	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2-Methylnaphthalene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2-Methylphenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
4-Methylphenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Naphthalene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2-Nitroaniline	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
3-Nitroaniline	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
4-Nitroaniline	EPA 8270C	8K11036	78000	ND	93.7	11/11/2008	11/11/2008	
Nitrobenzene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2-Nitrophenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
4-Nitrophenol	EPA 8270C	8K11036	78000	ND	93.7	11/11/2008	11/11/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K11036	23000	ND	93.7	11/11/2008	11/11/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Pentachlorophenol	EPA 8270C	8K11036	78000	ND	93.7	11/11/2008	11/11/2008	
Phenanthrene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Phenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Pyrene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K11036	31000	ND	93.7	11/11/2008	11/11/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*186 %*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*71 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*68 %*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*63 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*64 %*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*104 %*				*Z3*

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Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)					**Sampled: 11/06/08**			
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Acenaphthylene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Aniline	EPA 8270C	8K11036	260000	ND	625	11/11/2008	11/12/2008	
Anthracene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Benzidine	EPA 8270C	8K11036	410000	ND	625	11/11/2008	11/12/2008	
Benzo(a)anthracene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Benzo(a)pyrene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Benzo(b)fluoranthene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Benzo(k)fluoranthene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Benzoic acid	EPA 8270C	8K11036	520000	ND	625	11/11/2008	11/12/2008	
Benzyl alcohol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Butyl benzyl phthalate	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
4-Chloroaniline	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K11036	100000	ND	625	11/11/2008	11/12/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
2-Chloronaphthalene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
2-Chlorophenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Chrysene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K11036	260000	ND	625	11/11/2008	11/12/2008	
Dibenzofuran	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Di-n-butyl phthalate	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
1,2-Dichlorobenzene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
1,3-Dichlorobenzene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
1,4-Dichlorobenzene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K11036	520000	ND	625	11/11/2008	11/12/2008	
2,4-Dichlorophenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Diethyl phthalate	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
2,4-Dimethylphenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Dimethyl phthalate	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K11036	260000	ND	625	11/11/2008	11/12/2008	
2,4-Dinitrophenol	EPA 8270C	8K11036	410000	ND	625	11/11/2008	11/12/2008	
2,4-Dinitrotoluene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
2,6-Dinitrotoluene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Di-n-octyl phthalate	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	

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B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid) - cont.					**Sampled: 11/06/08**			
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Fluorene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Hexachlorobenzene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Hexachlorobutadiene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K11036	520000	ND	625	11/11/2008	11/12/2008	
Hexachloroethane	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Isophorone	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
2-Methylnaphthalene	EPA 8270C	8K11036	210000	**230000**	625	11/11/2008	11/12/2008	
2-Methylphenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
4-Methylphenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Naphthalene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
2-Nitroaniline	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
3-Nitroaniline	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
4-Nitroaniline	EPA 8270C	8K11036	520000	ND	625	11/11/2008	11/12/2008	
Nitrobenzene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
2-Nitrophenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
4-Nitrophenol	EPA 8270C	8K11036	520000	ND	625	11/11/2008	11/12/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K11036	160000	ND	625	11/11/2008	11/12/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Pentachlorophenol	EPA 8270C	8K11036	520000	**4500000**	625	11/11/2008	11/12/2008	
Phenanthrene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Phenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Pyrene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K11036	210000	ND	625	11/11/2008	11/12/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*63 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*43 %*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*97 %*				*Z3*

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Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-02 (B2-SS-PP-009 - Solid)					**Sampled: 11/06/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	510	ND	10.1	11/12/2008	11/18/2008	RL4
Aroclor 1221	EPA 8082	8K12051	510	ND	10.1	11/12/2008	11/18/2008	RL4
Aroclor 1232	EPA 8082	8K12051	510	ND	10.1	11/12/2008	11/18/2008	RL4
Aroclor 1242	EPA 8082	8K12051	510	ND	10.1	11/12/2008	11/18/2008	RL4
Aroclor 1248	EPA 8082	8K12051	510	**2100**	10.1	11/12/2008	11/18/2008	A-01c
Surrogate: Decachlorobiphenyl (45-120%)				*87 %*				
Sample ID: IRK0811-02RE1 (B2-SS-PP-009 - Solid)					**Sampled: 11/06/08**			
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K12051	5100	**19000**	101	11/12/2008	11/13/2008	A-01c
Aroclor 1260	EPA 8082	8K12051	5100	**41000**	101	11/12/2008	11/13/2008	A-01b
Surrogate: Decachlorobiphenyl (45-120%)				*103 %*				*Z3*
Sample ID: IRK0811-03 (B17-WC-CP-006 - Solid)					**Sampled: 11/06/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K12051	100	ND	2	11/12/2008	11/13/2008	
Aroclor 1221	EPA 8082	8K12051	100	ND	2	11/12/2008	11/13/2008	
Aroclor 1232	EPA 8082	8K12051	100	ND	2	11/12/2008	11/13/2008	
Aroclor 1242	EPA 8082	8K12051	100	ND	2	11/12/2008	11/13/2008	
Aroclor 1248	EPA 8082	8K12051	100	ND	2	11/12/2008	11/13/2008	
Aroclor 1254	EPA 8082	8K12051	100	ND	2	11/12/2008	11/13/2008	
Aroclor 1260	EPA 8082	8K12051	100	ND	2	11/12/2008	11/13/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*66 %*				
Sample ID: IRK0811-04 (B17-SP-WP-005 - Wipe)					**Sampled: 11/06/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1221	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1232	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1242	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1248	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1254	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1260	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*81 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)					**Sampled: 11/06/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	300	ND	6	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	300	ND	6	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	300	ND	6	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	300	ND	6	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	300	ND	6	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	300	ND	6	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	300	ND	6	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*65 %*				
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)					**Sampled: 11/06/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*137 %*				*Z5*
Sample ID: IRK0811-07 (B17-WS-CP-009 - Solid)					**Sampled: 11/06/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	370	ND	7.39	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	370	ND	7.39	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	370	ND	7.39	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	370	ND	7.39	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	370	ND	7.39	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	370	ND	7.39	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	370	ND	7.39	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*176 %*				*Z5*

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Received: 11/07/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-01 (B2-WC-PLC-008 - Solid)					**Sampled: 11/05/08**			
Reporting Units: mg/kg								
Cadmium	EPA 6010B	8K16020	20	**36**	40	11/16/2008	11/18/2008	
Lead	EPA 6010B	8K16020	80	**1300**	40	11/16/2008	11/18/2008	
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)					**Sampled: 11/06/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K11106	0.020	ND	1	11/11/2008	11/11/2008	
Antimony	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Arsenic	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Barium	EPA 6010B	8K14142	1.0	**4.2**	1	11/14/2008	11/17/2008	
Beryllium	EPA 6010B	8K14142	0.50	ND	1	11/14/2008	11/17/2008	
Cadmium	EPA 6010B	8K14142	0.50	ND	1	11/14/2008	11/17/2008	
Chromium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Cobalt	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Copper	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Lead	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Molybdenum	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Nickel	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Selenium	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Silver	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Thallium	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Vanadium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Zinc	EPA 6010B	8K14142	5.0	ND	1	11/14/2008	11/17/2008	
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)					**Sampled: 11/06/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K11106	0.020	ND	1	11/11/2008	11/11/2008	
Antimony	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Arsenic	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Barium	EPA 6010B	8K14142	1.0	**6.1**	1	11/14/2008	11/17/2008	
Beryllium	EPA 6010B	8K14142	0.50	ND	1	11/14/2008	11/17/2008	
Cadmium	EPA 6010B	8K14142	0.50	ND	1	11/14/2008	11/17/2008	
Chromium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Cobalt	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Copper	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Lead	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Molybdenum	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Nickel	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Selenium	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Silver	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Thallium	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Vanadium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Zinc	EPA 6010B	8K14142	5.0	ND	1	11/14/2008	11/17/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)					**Sampled: 11/06/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K14094	NA	Not Ignitable	1	11/14/2008	11/14/2008	
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)					**Sampled: 11/06/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13079	0.100	**4.88**	1	11/13/2008	11/13/2008	
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)					**Sampled: 11/06/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K14094	NA	Not Ignitable	1	11/14/2008	11/14/2008	
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)					**Sampled: 11/06/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13079	0.100	**3.87**	1	11/13/2008	11/13/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid) **Sampled: 11/06/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Acenaphthylene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Aniline	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Anthracene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Benzidine	EPA 8270C	8K13122	0.50	ND	1	NA	11/13/2008	11/15/2008	
Benzo(a)anthracene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Benzo(a)pyrene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Benzo(b)fluoranthene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Benzo(k)fluoranthene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Benzoic acid	EPA 8270C	8K13122	0.50	ND	1	NA	11/13/2008	11/15/2008	
Benzyl alcohol	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Butyl benzyl phthalate	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
4-Chloroaniline	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Chloronaphthalene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Chlorophenol	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Chrysene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
Dibenzofuran	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Di-n-butyl phthalate	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichlorobenzene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichlorobenzene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,4-Dichlorobenzene	EPA 8270C	8K13122	0.050	ND	1	7.5	11/13/2008	11/15/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K13122	0.20	ND	1	NA	11/13/2008	11/15/2008	
2,4-Dichlorophenol	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Diethyl phthalate	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
2,4-Dimethylphenol	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
Dimethyl phthalate	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K13122	0.20	ND	1	NA	11/13/2008	11/15/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid) - cont. **Sampled: 11/06/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K13122	0.50	ND	1	NA	11/13/2008	11/15/2008	
2,4-Dinitrotoluene	EPA 8270C	8K13122	0.050	ND	1	0.13	11/13/2008	11/15/2008	
2,6-Dinitrotoluene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Di-n-octyl phthalate	EPA 8270C	8K13122	0.20	ND	1	NA	11/13/2008	11/15/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K13122	0.25	ND	1	NA	11/13/2008	11/15/2008	
Fluoranthene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Fluorene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Hexachlorobenzene	EPA 8270C	8K13122	0.050	ND	1	0.13	11/13/2008	11/15/2008	
Hexachlorobutadiene	EPA 8270C	8K13122	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K13122	0.20	ND	1	NA	11/13/2008	11/15/2008	
Hexachloroethane	EPA 8270C	8K13122	0.050	ND	1	3.0	11/13/2008	11/15/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
Isophorone	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Methylnaphthalene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Methylphenol	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
4-Methylphenol	EPA 8270C	8K13122	0.050	**0.16**	1	NA	11/13/2008	11/15/2008	
Naphthalene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Nitroaniline	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
3-Nitroaniline	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
4-Nitroaniline	EPA 8270C	8K13122	0.50	ND	1	NA	11/13/2008	11/15/2008	
Nitrobenzene	EPA 8270C	8K13122	0.20	ND	1	2.0	11/13/2008	11/15/2008	
2-Nitrophenol	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
4-Nitrophenol	EPA 8270C	8K13122	0.50	ND	1	NA	11/13/2008	11/15/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K13122	0.10	ND	1	NA	11/13/2008	11/15/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Pentachlorophenol	EPA 8270C	8K13122	0.20	ND	1	100.0	11/13/2008	11/15/2008	
Phenanthrene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Phenol	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
Pyrene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K13122	0.050	ND	1	NA	11/13/2008	11/15/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K13122	0.10	ND	1	400.0	11/13/2008	11/15/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K13122	0.10	ND	1	2.0	11/13/2008	11/15/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*94 %*					
Surrogate: 2-Fluorobiphenyl (50-120%)				*78 %*					

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Received: 11/07/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid) - cont.					**Sampled: 11/06/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (30-120%)				*73 %*					
Surrogate: Nitrobenzene-d5 (45-120%)				*84 %*					
Surrogate: Phenol-d6 (35-120%)				*82 %*					
Surrogate: Terphenyl-d14 (50-125%)				*97 %*					

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Received: 11/07/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid) **Sampled: 11/06/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Aniline	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Anthracene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Benzidine	EPA 8270C	8K13122	2.5	ND	5	NA	11/13/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K13122	2.5	ND	5	NA	11/13/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Chrysene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K13122	0.25	ND	5	7.5	11/13/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K13122	1.0	ND	5	NA	11/13/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K13122	1.0	ND	5	NA	11/13/2008	11/18/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid) - cont. **Sampled: 11/06/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K13122	2.5	ND	5	NA	11/13/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K13122	0.25	ND	5	0.13	11/13/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K13122	1.0	ND	5	NA	11/13/2008	11/18/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K13122	1.2	ND	5	NA	11/13/2008	11/18/2008	
Fluoranthene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Fluorene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K13122	0.25	ND	5	0.13	11/13/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K13122	0.25	ND	5	0.5	11/13/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K13122	1.0	ND	5	NA	11/13/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K13122	0.25	ND	5	3.0	11/13/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
Isophorone	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Naphthalene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K13122	2.5	ND	5	NA	11/13/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K13122	1.0	ND	5	2.0	11/13/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K13122	2.5	ND	5	NA	11/13/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K13122	0.50	ND	5	NA	11/13/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K13122	1.0	**3.3**	5	100.0	11/13/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Phenol	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
Pyrene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K13122	0.25	ND	5	NA	11/13/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K13122	0.50	ND	5	400.0	11/13/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K13122	0.50	ND	5	2.0	11/13/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*98 %*					
Surrogate: 2-Fluorobiphenyl (50-120%)				*75 %*					

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9095 Rio San Diego Dr, Suite 240
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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid) - cont.					**Sampled: 11/06/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (30-120%)				*59 %*					
Surrogate: Nitrobenzene-d5 (45-120%)				*87 %*					
Surrogate: Phenol-d6 (35-120%)				*67 %*					
Surrogate: Terphenyl-d14 (50-125%)				*98 %*					

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Sampled: 11/05/08-11/06/08
Received: 11/07/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid) **Sampled: 11/06/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	8260B-TCLP	8K14015	0.020	ND	1	0.5	11/12/2008	11/14/2008	
Bromobenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Bromochloromethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Bromodichloromethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Bromoform	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Bromomethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
2-Butanone (MEK)	8260B-TCLP	8K14015	0.10	ND	1	200.0	11/12/2008	11/14/2008	
n-Butylbenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
tert-Butylbenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
sec-Butylbenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Carbon tetrachloride	8260B-TCLP	8K14015	0.050	ND	1	0.5	11/12/2008	11/14/2008	
Chlorobenzene	8260B-TCLP	8K14015	0.020	ND	1	100.0	11/12/2008	11/14/2008	
Chloroethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Chloroform	8260B-TCLP	8K14015	0.020	ND	1	6.0	11/12/2008	11/14/2008	
Chloromethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
4-Chlorotoluene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
2-Chlorotoluene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Dibromochloromethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Dibromomethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14015	0.020	ND	1	7.5	11/12/2008	11/14/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,1-Dichloroethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dichloroethane	8260B-TCLP	8K14015	0.020	ND	1	0.5	11/12/2008	11/14/2008	
1,1-Dichloroethene	8260B-TCLP	8K14015	0.050	ND	1	0.7	11/12/2008	11/14/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,3-Dichloropropane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
2,2-Dichloropropane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dichloropropane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid) - cont. **Sampled: 11/06/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Ethylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Hexachlorobutadiene	8260B-TCLP	8K14015	0.050	ND	1	0.5	11/12/2008	11/14/2008	
Isopropylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
p-Isopropyltoluene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Methylene chloride	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Naphthalene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
n-Propylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Styrene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Tetrachloroethene	8260B-TCLP	8K14015	0.020	ND	1	0.7	11/12/2008	11/14/2008	
Toluene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Trichloroethene	8260B-TCLP	8K14015	0.020	ND	1	0.5	11/12/2008	11/14/2008	
Trichlorofluoromethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14015	0.10	ND	1	NA	11/12/2008	11/14/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Vinyl chloride	8260B-TCLP	8K14015	0.050	ND	1	0.2	11/12/2008	11/14/2008	
m,p-Xylenes	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
o-Xylene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*					
Surrogate: Dibromofluoromethane (80-120%)				*97 %*					
Surrogate: Toluene-d8 (80-120%)				*94 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)					**Sampled: 11/06/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K14015	0.020	ND	1	0.5	11/12/2008	11/14/2008	
Bromobenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Bromochloromethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Bromodichloromethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Bromoform	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Bromomethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
2-Butanone (MEK)	8260B-TCLP	8K14015	0.10	ND	1	200.0	11/12/2008	11/14/2008	
n-Butylbenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
tert-Butylbenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
sec-Butylbenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Carbon tetrachloride	8260B-TCLP	8K14015	0.050	ND	1	0.5	11/12/2008	11/14/2008	
Chlorobenzene	8260B-TCLP	8K14015	0.020	ND	1	100.0	11/12/2008	11/14/2008	
Chloroethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Chloroform	8260B-TCLP	8K14015	0.020	ND	1	6.0	11/12/2008	11/14/2008	
Chloromethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
4-Chlorotoluene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
2-Chlorotoluene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Dibromochloromethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Dibromomethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14015	0.020	ND	1	7.5	11/12/2008	11/14/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,1-Dichloroethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dichloroethane	8260B-TCLP	8K14015	0.020	ND	1	0.5	11/12/2008	11/14/2008	
1,1-Dichloroethene	8260B-TCLP	8K14015	0.050	ND	1	0.7	11/12/2008	11/14/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,3-Dichloropropane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
2,2-Dichloropropane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2-Dichloropropane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid) - cont. **Sampled: 11/06/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Ethylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Hexachlorobutadiene	8260B-TCLP	8K14015	0.050	ND	1	0.5	11/12/2008	11/14/2008	
Isopropylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
p-Isopropyltoluene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Methylene chloride	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
Naphthalene	8260B-TCLP	8K14015	0.050	**0.058**	1	NA	11/12/2008	11/14/2008	
n-Propylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Styrene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Tetrachloroethene	8260B-TCLP	8K14015	0.020	ND	1	0.7	11/12/2008	11/14/2008	
Toluene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Trichloroethene	8260B-TCLP	8K14015	0.020	ND	1	0.5	11/12/2008	11/14/2008	
Trichlorofluoromethane	8260B-TCLP	8K14015	0.050	ND	1	NA	11/12/2008	11/14/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14015	0.10	ND	1	NA	11/12/2008	11/14/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Vinyl chloride	8260B-TCLP	8K14015	0.050	ND	1	0.2	11/12/2008	11/14/2008	
m,p-Xylenes	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
o-Xylene	8260B-TCLP	8K14015	0.020	ND	1	NA	11/12/2008	11/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*					
Surrogate: Dibromofluoromethane (80-120%)				*96 %*					
Surrogate: Toluene-d8 (80-120%)				*95 %*					

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)					**Sampled: 11/06/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K14073	0.0020	ND	1	0.2	11/14/2008	11/14/2008	
Arsenic	6010B-TCLP	8K13126	0.20	ND	1	5.0	11/13/2008	11/13/2008	
Barium	6010B-TCLP	8K13126	0.20	ND	1	100.0	11/13/2008	11/13/2008	
Cadmium	6010B-TCLP	8K13126	0.10	ND	1	1.0	11/13/2008	11/13/2008	
Chromium	6010B-TCLP	8K13126	0.10	ND	1	5.0	11/13/2008	11/13/2008	
Lead	6010B-TCLP	8K13126	0.10	ND	1	5.0	11/13/2008	11/13/2008	
Selenium	6010B-TCLP	8K13126	0.10	ND	1	1.0	11/13/2008	11/13/2008	
Silver	6010B-TCLP	8K13126	0.20	ND	1	5.0	11/13/2008	11/13/2008	
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)					**Sampled: 11/06/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K14073	0.0020	ND	1	0.2	11/14/2008	11/14/2008	
Arsenic	6010B-TCLP	8K13126	0.20	ND	1	5.0	11/13/2008	11/13/2008	
Barium	6010B-TCLP	8K13126	0.20	ND	1	100.0	11/13/2008	11/13/2008	
Cadmium	6010B-TCLP	8K13126	0.10	ND	1	1.0	11/13/2008	11/13/2008	
Chromium	6010B-TCLP	8K13126	0.10	ND	1	5.0	11/13/2008	11/13/2008	
Lead	6010B-TCLP	8K13126	0.10	ND	1	5.0	11/13/2008	11/13/2008	
Selenium	6010B-TCLP	8K13126	0.10	ND	1	1.0	11/13/2008	11/13/2008	
Silver	6010B-TCLP	8K13126	0.20	ND	1	5.0	11/13/2008	11/13/2008	

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TCLP EXTRACTION - Zero Headspace (ZHE)

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)			**Sampled: 11/06/08**		
Extraction	EPA 1311-ZHE	8K12156	11/12/2008	11/13/2008	
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)			**Sampled: 11/06/08**		
Extraction	EPA 1311-ZHE	8K12156	11/12/2008	11/13/2008	

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TCLP EXTRACTION - Semi Volatiles

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)			**Sampled: 11/06/08**		
Extraction	EPA 1311-SV	8K12155	11/12/2008	11/13/2008	T5
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)			**Sampled: 11/06/08**		
Extraction	EPA 1311-SV	8K12155	11/12/2008	11/13/2008	T5

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Received: 11/07/08

TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK0811-05 (B17-WC-CHWP-007 - Solid)			**Sampled: 11/06/08**		
Extraction	EPA 1311-Met	8K12154	11/12/2008	11/13/2008	T5
Sample ID: IRK0811-06 (B17-WS-CHWP-008 - Solid)			**Sampled: 11/06/08**		
Extraction	EPA 1311-Met	8K12154	11/12/2008	11/13/2008	T5

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/05/08-11/06/08
San Diego, CA 92108	Report Number:	IRK0811	Received: 11/07/08
Attention: George Cebula			

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14008 Extracted: 11/14/08										
Blank Analyzed: 11/14/2008 (8K14008-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14008 Extracted: 11/14/08										
Blank Analyzed: 11/14/2008 (8K14008-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Dibromofluoromethane	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*23.7*		*ug/l*	*25.0*		*95*	*80-120*			
LCS Analyzed: 11/14/2008 (8K14008-BS1)										
Benzene	25.2	2.0	ug/l	25.0		101	70-120			
Bromobenzene	28.4	5.0	ug/l	25.0		113	75-120			
Bromochloromethane	28.7	5.0	ug/l	25.0		115	70-130			
Bromodichloromethane	30.9	2.0	ug/l	25.0		124	70-135			
Bromoform	34.1	5.0	ug/l	25.0		136	55-130			*L*
Bromomethane	28.0	5.0	ug/l	25.0		112	65-140			
n-Butylbenzene	25.2	5.0	ug/l	25.0		101	70-130			
tert-Butylbenzene	27.5	5.0	ug/l	25.0		110	70-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14008 Extracted: 11/14/08										
LCS Analyzed: 11/14/2008 (8K14008-BS1)										
sec-Butylbenzene	25.2	5.0	ug/l	25.0		101	70-125			
Carbon tetrachloride	32.5	5.0	ug/l	25.0		130	65-140			
Chlorobenzene	29.6	2.0	ug/l	25.0		118	75-120			
Chloroethane	23.8	5.0	ug/l	25.0		95	60-140			
Chloroform	27.8	2.0	ug/l	25.0		111	70-130			
Chloromethane	32.5	5.0	ug/l	25.0		130	50-140			
4-Chlorotoluene	26.1	5.0	ug/l	25.0		105	75-125			
2-Chlorotoluene	25.8	5.0	ug/l	25.0		103	70-125			
1,2-Dibromo-3-chloropropane	31.7	5.0	ug/l	25.0		127	50-135			
Dibromochloromethane	33.5	2.0	ug/l	25.0		134	70-140			
1,2-Dibromoethane (EDB)	32.9	2.0	ug/l	25.0		132	75-125			*L*
Dibromomethane	29.9	2.0	ug/l	25.0		120	70-125			
1,2-Dichlorobenzene	29.5	2.0	ug/l	25.0		118	75-120			
1,3-Dichlorobenzene	28.5	2.0	ug/l	25.0		114	75-120			
1,4-Dichlorobenzene	28.3	2.0	ug/l	25.0		113	75-120			
Dichlorodifluoromethane	47.5	5.0	ug/l	25.0		190	35-155			*L*
1,1-Dichloroethane	24.2	2.0	ug/l	25.0		97	70-125			
1,2-Dichloroethane	34.2	2.0	ug/l	25.0		137	60-140			
1,1-Dichloroethene	24.6	5.0	ug/l	25.0		98	70-125			
cis-1,2-Dichloroethene	24.7	2.0	ug/l	25.0		99	70-125			
trans-1,2-Dichloroethene	26.3	2.0	ug/l	25.0		105	70-125			
1,3-Dichloropropane	30.3	2.0	ug/l	25.0		121	70-120			*L*
2,2-Dichloropropane	26.9	2.0	ug/l	25.0		108	65-140			
1,2-Dichloropropane	25.4	2.0	ug/l	25.0		101	70-125			
cis-1,3-Dichloropropene	29.4	2.0	ug/l	25.0		118	75-125			
trans-1,3-Dichloropropene	31.1	2.0	ug/l	25.0		124	70-125			
1,1-Dichloropropene	27.8	2.0	ug/l	25.0		111	75-130			
Ethylbenzene	28.7	2.0	ug/l	25.0		115	75-125			
Hexachlorobutadiene	29.0	5.0	ug/l	25.0		116	65-135			
Isopropylbenzene	29.3	2.0	ug/l	25.0		117	75-130			
p-Isopropyltoluene	27.4	2.0	ug/l	25.0		110	75-125			
Methylene chloride	23.0	5.0	ug/l	25.0		92	55-130			
Naphthalene	30.9	5.0	ug/l	25.0		124	55-135			
n-Propylbenzene	25.4	2.0	ug/l	25.0		102	75-130			
Styrene	33.1	2.0	ug/l	25.0		133	75-130			*L*
1,1,1,2-Tetrachloroethane	32.3	5.0	ug/l	25.0		129	70-130			

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Received: 11/07/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14008 Extracted: 11/14/08										
LCS Analyzed: 11/14/2008 (8K14008-BS1)										
1,1,2,2-Tetrachloroethane	24.3	2.0	ug/l	25.0		97	55-130			
Tetrachloroethene	30.5	2.0	ug/l	25.0		122	70-125			
Toluene	26.9	2.0	ug/l	25.0		107	70-120			
1,2,3-Trichlorobenzene	35.0	5.0	ug/l	25.0		140	65-125			*L*
1,2,4-Trichlorobenzene	33.8	5.0	ug/l	25.0		135	70-135			
1,1,1-Trichloroethane	30.7	2.0	ug/l	25.0		123	65-135			
1,1,2-Trichloroethane	28.9	2.0	ug/l	25.0		115	70-125			
Trichloroethene	29.1	2.0	ug/l	25.0		116	70-125			
Trichlorofluoromethane	32.1	5.0	ug/l	25.0		129	65-145			
1,2,3-Trichloropropane	24.5	10	ug/l	25.0		98	60-130			
1,2,4-Trimethylbenzene	27.1	2.0	ug/l	25.0		108	75-125			
1,3,5-Trimethylbenzene	27.3	2.0	ug/l	25.0		109	75-125			
Vinyl chloride	32.2	5.0	ug/l	25.0		129	55-135			
m,p-Xylenes	58.8	2.0	ug/l	50.0		118	75-125			
o-Xylene	31.1	2.0	ug/l	25.0		124	75-125			
Surrogate: 4-Bromofluorobenzene	*27.5*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Matrix Spike Analyzed: 11/14/2008 (8K14008-MS1)					**Source: IRK1325-04**					
Benzene	24.4	2.0	ug/l	25.0	ND	98	65-125			
Bromobenzene	26.7	5.0	ug/l	25.0	ND	107	70-125			
Bromochloromethane	27.7	5.0	ug/l	25.0	ND	111	65-135			
Bromodichloromethane	30.6	2.0	ug/l	25.0	ND	122	70-135			
Bromoform	34.2	5.0	ug/l	25.0	ND	137	55-135			*M7*
Bromomethane	25.0	5.0	ug/l	25.0	ND	100	55-145			
n-Butylbenzene	25.3	5.0	ug/l	25.0	ND	101	65-135			
tert-Butylbenzene	26.3	5.0	ug/l	25.0	ND	105	65-130			
sec-Butylbenzene	24.3	5.0	ug/l	25.0	ND	97	70-125			
Carbon tetrachloride	32.6	5.0	ug/l	25.0	ND	130	65-140			
Chlorobenzene	29.7	2.0	ug/l	25.0	ND	119	75-125			
Chloroethane	21.6	5.0	ug/l	25.0	ND	86	55-140			
Chloroform	29.0	2.0	ug/l	25.0	2.94	104	65-135			
Chloromethane	26.6	5.0	ug/l	25.0	ND	107	45-145			
4-Chlorotoluene	25.1	5.0	ug/l	25.0	ND	100	70-135			
2-Chlorotoluene	24.3	5.0	ug/l	25.0	ND	97	65-135			

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Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14008 Extracted: 11/14/08										
Matrix Spike Analyzed: 11/14/2008 (8K14008-MS1)					**Source: IRK1325-04**					
1,2-Dibromo-3-chloropropane	31.2	5.0	ug/l	25.0	ND	125	45-145			
Dibromochloromethane	34.1	2.0	ug/l	25.0	ND	136	65-140			
1,2-Dibromoethane (EDB)	32.6	2.0	ug/l	25.0	ND	130	70-130			
Dibromomethane	30.2	2.0	ug/l	25.0	ND	121	65-135			
1,2-Dichlorobenzene	28.2	2.0	ug/l	25.0	ND	113	75-125			
1,3-Dichlorobenzene	28.2	2.0	ug/l	25.0	ND	113	75-125			
1,4-Dichlorobenzene	26.2	2.0	ug/l	25.0	ND	105	75-125			
Dichlorodifluoromethane	44.5	5.0	ug/l	25.0	ND	178	25-155			*M7*
1,1-Dichloroethane	23.2	2.0	ug/l	25.0	ND	93	65-130			
1,2-Dichloroethane	35.3	2.0	ug/l	25.0	1.39	136	60-140			
1,1-Dichloroethene	23.3	5.0	ug/l	25.0	ND	93	60-130			
cis-1,2-Dichloroethene	23.7	2.0	ug/l	25.0	ND	95	65-130			
trans-1,2-Dichloroethene	24.9	2.0	ug/l	25.0	ND	99	65-130			
1,3-Dichloropropane	29.7	2.0	ug/l	25.0	ND	119	65-135			
2,2-Dichloropropane	26.8	2.0	ug/l	25.0	ND	107	60-145			
1,2-Dichloropropane	25.0	2.0	ug/l	25.0	ND	100	65-130			
cis-1,3-Dichloropropene	28.8	2.0	ug/l	25.0	ND	115	70-130			
trans-1,3-Dichloropropene	32.0	2.0	ug/l	25.0	ND	128	65-135			
1,1-Dichloropropene	27.6	2.0	ug/l	25.0	ND	110	70-135			
Ethylbenzene	28.7	2.0	ug/l	25.0	ND	115	65-130			
Hexachlorobutadiene	29.5	5.0	ug/l	25.0	ND	118	60-135			
Isopropylbenzene	28.8	2.0	ug/l	25.0	ND	115	70-135			
p-Isopropyltoluene	26.2	2.0	ug/l	25.0	ND	105	65-130			
Methylene chloride	22.9	5.0	ug/l	25.0	ND	91	50-135			
Naphthalene	32.5	5.0	ug/l	25.0	ND	130	50-140			
n-Propylbenzene	24.5	2.0	ug/l	25.0	ND	98	70-135			
Styrene	18.0	2.0	ug/l	25.0	ND	72	50-145			
1,1,1,2-Tetrachloroethane	32.2	5.0	ug/l	25.0	ND	129	65-140			
1,1,2,2-Tetrachloroethane	23.8	2.0	ug/l	25.0	ND	95	55-135			
Tetrachloroethene	57.8	2.0	ug/l	25.0	26.0	127	65-130			
Toluene	26.2	2.0	ug/l	25.0	ND	105	70-125			
1,2,3-Trichlorobenzene	34.8	5.0	ug/l	25.0	ND	139	60-135			*M7*
1,2,4-Trichlorobenzene	33.5	5.0	ug/l	25.0	ND	134	65-135			
1,1,1-Trichloroethane	29.8	2.0	ug/l	25.0	ND	119	65-140			
1,1,2-Trichloroethane	29.2	2.0	ug/l	25.0	ND	117	65-130			
Trichloroethene	29.8	2.0	ug/l	25.0	1.73	112	65-125			

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14008 Extracted: 11/14/08										
Matrix Spike Analyzed: 11/14/2008 (8K14008-MS1)					**Source: IRK1325-04**					
Trichlorofluoromethane	30.8	5.0	ug/l	25.0	ND	123	60-145			
1,2,3-Trichloropropane	25.3	10	ug/l	25.0	ND	101	55-135			
1,2,4-Trimethylbenzene	25.2	2.0	ug/l	25.0	ND	101	55-135			
1,3,5-Trimethylbenzene	26.2	2.0	ug/l	25.0	ND	105	70-130			
Vinyl chloride	29.0	5.0	ug/l	25.0	ND	116	45-140			
m,p-Xylenes	58.2	2.0	ug/l	50.0	ND	116	65-130			
o-Xylene	30.3	2.0	ug/l	25.0	ND	121	65-125			
Surrogate: 4-Bromofluorobenzene	*28.3*		*ug/l*	*25.0*		*113*	*80-120*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Matrix Spike Dup Analyzed: 11/14/2008 (8K14008-MSD1)					**Source: IRK1325-04**					
Benzene	26.3	2.0	ug/l	25.0	ND	105	65-125	7	20	
Bromobenzene	28.5	5.0	ug/l	25.0	ND	114	70-125	6	20	
Bromochloromethane	28.0	5.0	ug/l	25.0	ND	112	65-135	1	25	
Bromodichloromethane	31.6	2.0	ug/l	25.0	ND	126	70-135	3	20	
Bromoform	34.1	5.0	ug/l	25.0	ND	136	55-135	0	25	*M7*
Bromomethane	27.0	5.0	ug/l	25.0	ND	108	55-145	8	25	
n-Butylbenzene	26.7	5.0	ug/l	25.0	ND	107	65-135	5	20	
tert-Butylbenzene	27.7	5.0	ug/l	25.0	ND	111	65-130	5	20	
sec-Butylbenzene	25.4	5.0	ug/l	25.0	ND	102	70-125	5	20	
Carbon tetrachloride	33.3	5.0	ug/l	25.0	ND	133	65-140	2	25	
Chlorobenzene	30.5	2.0	ug/l	25.0	ND	122	75-125	3	20	
Chloroethane	24.7	5.0	ug/l	25.0	ND	99	55-140	13	25	
Chloroform	29.0	2.0	ug/l	25.0	2.94	104	65-135	0	20	
Chloromethane	29.9	5.0	ug/l	25.0	ND	119	45-145	11	25	
4-Chlorotoluene	27.1	5.0	ug/l	25.0	ND	108	70-135	8	20	
2-Chlorotoluene	25.8	5.0	ug/l	25.0	ND	103	65-135	6	20	
1,2-Dibromo-3-chloropropane	31.3	5.0	ug/l	25.0	ND	125	45-145	0	30	
Dibromochloromethane	34.0	2.0	ug/l	25.0	ND	136	65-140	0	25	
1,2-Dibromoethane (EDB)	32.6	2.0	ug/l	25.0	ND	130	70-130	0	25	
Dibromomethane	30.8	2.0	ug/l	25.0	ND	123	65-135	2	25	
1,2-Dichlorobenzene	29.2	2.0	ug/l	25.0	ND	117	75-125	3	20	
1,3-Dichlorobenzene	29.1	2.0	ug/l	25.0	ND	116	75-125	3	20	
1,4-Dichlorobenzene	27.9	2.0	ug/l	25.0	ND	112	75-125	6	20	
Dichlorodifluoromethane	43.7	5.0	ug/l	25.0	ND	175	25-155	2	30	*M7*

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B0031045.0003
Report Number: IRK0811

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14008 Extracted: 11/14/08										
Matrix Spike Dup Analyzed: 11/14/2008 (8K14008-MSD1)					**Source: IRK1325-04**					
1,1-Dichloroethane	24.2	2.0	ug/l	25.0	ND	97	65-130	4	20	
1,2-Dichloroethane	35.9	2.0	ug/l	25.0	1.39	138	60-140	2	20	
1,1-Dichloroethene	25.6	5.0	ug/l	25.0	ND	103	60-130	10	20	
cis-1,2-Dichloroethene	24.8	2.0	ug/l	25.0	ND	99	65-130	5	20	
trans-1,2-Dichloroethene	26.0	2.0	ug/l	25.0	ND	104	65-130	4	20	
1,3-Dichloropropane	29.7	2.0	ug/l	25.0	ND	119	65-135	0	25	
2,2-Dichloropropane	27.2	2.0	ug/l	25.0	ND	109	60-145	2	25	
1,2-Dichloropropane	26.0	2.0	ug/l	25.0	ND	104	65-130	4	20	
cis-1,3-Dichloropropene	30.3	2.0	ug/l	25.0	ND	121	70-130	5	20	
trans-1,3-Dichloropropene	33.0	2.0	ug/l	25.0	ND	132	65-135	3	25	
1,1-Dichloropropene	28.4	2.0	ug/l	25.0	ND	114	70-135	3	20	
Ethylbenzene	29.5	2.0	ug/l	25.0	ND	118	65-130	3	20	
Hexachlorobutadiene	30.3	5.0	ug/l	25.0	ND	121	60-135	3	20	
Isopropylbenzene	30.5	2.0	ug/l	25.0	ND	122	70-135	6	20	
p-Isopropyltoluene	28.4	2.0	ug/l	25.0	ND	114	65-130	8	20	
Methylene chloride	24.2	5.0	ug/l	25.0	ND	97	50-135	6	20	
Naphthalene	32.7	5.0	ug/l	25.0	ND	131	50-140	1	30	
n-Propylbenzene	25.7	2.0	ug/l	25.0	ND	103	70-135	5	20	
Styrene	17.8	2.0	ug/l	25.0	ND	71	50-145	1	30	
1,1,1,2-Tetrachloroethane	32.9	5.0	ug/l	25.0	ND	132	65-140	2	20	
1,1,2,2-Tetrachloroethane	25.6	2.0	ug/l	25.0	ND	102	55-135	7	30	
Tetrachloroethene	58.4	2.0	ug/l	25.0	26.0	129	65-130	1	20	
Toluene	27.3	2.0	ug/l	25.0	ND	109	70-125	4	20	
1,2,3-Trichlorobenzene	36.1	5.0	ug/l	25.0	ND	144	60-135	4	20	*M7*
1,2,4-Trichlorobenzene	34.2	5.0	ug/l	25.0	ND	137	65-135	2	20	*M7*
1,1,1-Trichloroethane	30.4	2.0	ug/l	25.0	ND	121	65-140	2	20	
1,1,2-Trichloroethane	30.4	2.0	ug/l	25.0	ND	122	65-130	4	25	
Trichloroethene	31.5	2.0	ug/l	25.0	1.73	119	65-125	5	20	
Trichlorofluoromethane	31.1	5.0	ug/l	25.0	ND	124	60-145	1	25	
1,2,3-Trichloropropane	26.0	10	ug/l	25.0	ND	104	55-135	3	30	
1,2,4-Trimethylbenzene	26.7	2.0	ug/l	25.0	ND	107	55-135	6	25	
1,3,5-Trimethylbenzene	27.5	2.0	ug/l	25.0	ND	110	70-130	5	20	
Vinyl chloride	31.3	5.0	ug/l	25.0	ND	125	45-140	8	30	
m,p-Xylenes	59.9	2.0	ug/l	50.0	ND	120	65-130	3	25	
o-Xylene	30.9	2.0	ug/l	25.0	ND	124	65-125	2	20	
Surrogate: 4-Bromofluorobenzene	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14008 Extracted: 11/14/08										
Matrix Spike Dup Analyzed: 11/14/2008 (8K14008-MSD1)					**Source: IRK1325-04**					
Surrogate: Dibromofluoromethane	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	100	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
2,2-Dichloropropane	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2380*		*ug/kg*	*2500*		*95*	*65-140*			
Surrogate: Dibromofluoromethane	*2560*		*ug/kg*	*2500*		*102*	*55-140*			
Surrogate: Toluene-d8	*2450*		*ug/kg*	*2500*		*98*	*60-140*			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
Benzene	2620	100	ug/kg	2500		105	65-120			
Bromobenzene	2690	250	ug/kg	2500		108	70-120			
Bromochloromethane	2630	250	ug/kg	2500		105	65-125			
Bromodichloromethane	2940	100	ug/kg	2500		118	65-135			
Bromoform	2200	250	ug/kg	2500		88	50-130			
Bromomethane	2470	250	ug/kg	2500		99	30-140			
n-Butylbenzene	2840	250	ug/kg	2500		114	70-130			
tert-Butylbenzene	2770	250	ug/kg	2500		111	70-125			
sec-Butylbenzene	2780	250	ug/kg	2500		111	70-125			
Carbon tetrachloride	2430	100	ug/kg	2500		97	65-145			
Chlorobenzene	2760	100	ug/kg	2500		111	70-125			
Chloroethane	2580	250	ug/kg	2500		103	40-140			
Chloroform	2660	100	ug/kg	2500		106	75-130			
Chloromethane	3000	250	ug/kg	2500		120	30-140			
4-Chlorotoluene	2850	250	ug/kg	2500		114	70-125			
2-Chlorotoluene	2800	250	ug/kg	2500		112	70-125			
1,2-Dibromo-3-chloropropane	2580	250	ug/kg	2500		103	45-135			
Dibromochloromethane	2600	100	ug/kg	2500		104	65-140			
1,2-Dibromoethane (EDB)	2740	100	ug/kg	2500		110	70-130			
Dibromomethane	2800	100	ug/kg	2500		112	65-130			
1,2-Dichlorobenzene	2720	100	ug/kg	2500		109	70-120			
1,3-Dichlorobenzene	2730	100	ug/kg	2500		109	70-125			
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125			
Dichlorodifluoromethane	2520	200	ug/kg	2500		101	10-155			
1,1-Dichloroethane	2660	100	ug/kg	2500		107	65-130			
1,2-Dichloroethane	2970	100	ug/kg	2500		119	60-145			
1,1-Dichloroethene	2110	250	ug/kg	2500		84	75-140			
cis-1,2-Dichloroethene	2890	100	ug/kg	2500		116	65-130			
trans-1,2-Dichloroethene	2820	100	ug/kg	2500		113	65-130			
1,3-Dichloropropane	2900	100	ug/kg	2500		116	65-130			
2,2-Dichloropropane	2860	100	ug/kg	2500		114	60-145			
1,2-Dichloropropane	2760	100	ug/kg	2500		110	75-125			
cis-1,3-Dichloropropene	3530	100	ug/kg	2500		141	70-130			*L*
trans-1,3-Dichloropropene	2870	100	ug/kg	2500		115	65-135			
1,1-Dichloropropene	3000	100	ug/kg	2500		120	70-130			
Ethylbenzene	2760	100	ug/kg	2500		110	80-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
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Received: 11/07/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
Hexachlorobutadiene	2860	250	ug/kg	2500		114	60-135			
Isopropylbenzene	2720	100	ug/kg	2500		109	70-125			
p-Isopropyltoluene	2780	100	ug/kg	2500		111	70-125			
Methylene chloride	2480	1000	ug/kg	2500		99	60-140			
Naphthalene	2760	250	ug/kg	2500		110	50-140			
n-Propylbenzene	2810	100	ug/kg	2500		113	70-130			
Styrene	2850	100	ug/kg	2500		114	70-135			
1,1,1,2-Tetrachloroethane	2980	250	ug/kg	2500		119	70-140			
1,1,2,2-Tetrachloroethane	2940	100	ug/kg	2500		118	55-135			
Tetrachloroethene	2640	100	ug/kg	2500		106	65-125			
Toluene	2640	100	ug/kg	2500		106	80-120			
1,2,3-Trichlorobenzene	2750	250	ug/kg	2500		110	60-135			
1,2,4-Trichlorobenzene	2880	250	ug/kg	2500		115	65-135			
1,1,1-Trichloroethane	2440	100	ug/kg	2500		98	65-140			
1,1,2-Trichloroethane	2770	100	ug/kg	2500		111	65-130			
Trichloroethene	2660	100	ug/kg	2500		106	70-130			
Trichlorofluoromethane	1800	250	ug/kg	2500		72	50-145			
1,2,3-Trichloropropane	2780	500	ug/kg	2500		111	55-130			
1,2,4-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125			
1,3,5-Trimethylbenzene	2750	100	ug/kg	2500		110	70-125			
Vinyl chloride	1840	100	ug/kg	2500		73	10-120			
m,p-Xylenes	5570	100	ug/kg	5000		111	70-125			
o-Xylene	2820	100	ug/kg	2500		113	70-125			
Surrogate: 4-Bromofluorobenzene	*2280*		*ug/kg*	*2500*		*91*	*65-140*			
Surrogate: Dibromofluoromethane	*2250*		*ug/kg*	*2500*		*90*	*55-140*			
Surrogate: Toluene-d8	*2240*		*ug/kg*	*2500*		*90*	*60-140*			
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
Benzene	2440	100	ug/kg	2500		98	65-120	7	20	
Bromobenzene	2730	250	ug/kg	2500		109	70-120	1	20	
Bromochloromethane	2660	250	ug/kg	2500		106	65-125	1	20	
Bromodichloromethane	3000	100	ug/kg	2500		120	65-135	2	20	
Bromoform	2490	250	ug/kg	2500		100	50-130	13	25	
Bromomethane	3160	250	ug/kg	2500		126	30-140	25	30	
n-Butylbenzene	2760	250	ug/kg	2500		110	70-130	3	20	
tert-Butylbenzene	2910	250	ug/kg	2500		116	70-125	5	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
sec-Butylbenzene	2790	250	ug/kg	2500		111	70-125	0	20	
Carbon tetrachloride	3470	100	ug/kg	2500		139	65-145	35	20	*R-7*
Chlorobenzene	2800	100	ug/kg	2500		112	70-125	1	20	
Chloroethane	2410	250	ug/kg	2500		96	40-140	7	25	
Chloroform	2580	100	ug/kg	2500		103	75-130	3	20	
Chloromethane	2920	250	ug/kg	2500		117	30-140	3	25	
4-Chlorotoluene	2640	250	ug/kg	2500		106	70-125	8	20	
2-Chlorotoluene	2590	250	ug/kg	2500		104	70-125	8	20	
1,2-Dibromo-3-chloropropane	2370	250	ug/kg	2500		95	45-135	9	25	
Dibromochloromethane	2830	100	ug/kg	2500		113	65-140	8	20	
1,2-Dibromoethane (EDB)	2590	100	ug/kg	2500		104	70-130	6	20	
Dibromomethane	2690	100	ug/kg	2500		108	65-130	4	20	
1,2-Dichlorobenzene	2750	100	ug/kg	2500		110	70-120	1	20	
1,3-Dichlorobenzene	2810	100	ug/kg	2500		112	70-125	3	20	
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125	0	20	
Dichlorodifluoromethane	3670	200	ug/kg	2500		147	10-155	37	30	*R-7*
1,1-Dichloroethane	2560	100	ug/kg	2500		102	65-130	4	20	
1,2-Dichloroethane	2960	100	ug/kg	2500		118	60-145	1	20	
1,1-Dichloroethene	2600	250	ug/kg	2500		104	75-140	21	20	*R-7*
cis-1,2-Dichloroethene	2410	100	ug/kg	2500		96	65-130	18	20	
trans-1,2-Dichloroethene	2680	100	ug/kg	2500		107	65-130	5	20	
1,3-Dichloropropane	2440	100	ug/kg	2500		98	65-130	17	20	
2,2-Dichloropropane	2930	100	ug/kg	2500		117	60-145	2	25	
1,2-Dichloropropane	2520	100	ug/kg	2500		101	75-125	9	20	
cis-1,3-Dichloropropene	2690	100	ug/kg	2500		108	70-130	27	20	*R-7*
trans-1,3-Dichloropropene	2830	100	ug/kg	2500		113	65-135	1	20	
1,1-Dichloropropene	2780	100	ug/kg	2500		111	70-130	7	20	
Ethylbenzene	2710	100	ug/kg	2500		109	80-120	2	20	
Hexachlorobutadiene	3270	250	ug/kg	2500		131	60-135	13	20	
Isopropylbenzene	3210	100	ug/kg	2500		128	70-125	16	20	*L*
p-Isopropyltoluene	2950	100	ug/kg	2500		118	70-125	6	20	
Methylene chloride	2310	1000	ug/kg	2500		92	60-140	7	20	
Naphthalene	2580	250	ug/kg	2500		103	50-140	7	25	
n-Propylbenzene	2750	100	ug/kg	2500		110	70-130	2	20	
Styrene	2810	100	ug/kg	2500		113	70-135	1	20	
1,1,1,2-Tetrachloroethane	3170	250	ug/kg	2500		127	70-140	6	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
1,1,2,2-Tetrachloroethane	2230	100	ug/kg	2500		89	55-135	28	25	*R-7*
Tetrachloroethene	2920	100	ug/kg	2500		117	65-125	10	20	
Toluene	2630	100	ug/kg	2500		105	80-120	0	20	
1,2,3-Trichlorobenzene	2890	250	ug/kg	2500		115	60-135	5	20	
1,2,4-Trichlorobenzene	3030	250	ug/kg	2500		121	65-135	5	20	
1,1,1-Trichloroethane	3030	100	ug/kg	2500		121	65-140	21	20	*R-7*
1,1,2-Trichloroethane	2440	100	ug/kg	2500		98	65-130	13	20	
Trichloroethene	2910	100	ug/kg	2500		116	70-130	9	20	
Trichlorofluoromethane	3090	250	ug/kg	2500		124	50-145	53	25	*R-7*
1,2,3-Trichloropropane	2200	500	ug/kg	2500		88	55-130	23	25	
1,2,4-Trimethylbenzene	2860	100	ug/kg	2500		115	70-125	2	20	
1,3,5-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125	6	20	
Vinyl chloride	1380	100	ug/kg	2500		55	10-120	29	30	
m,p-Xylenes	5520	100	ug/kg	5000		110	70-125	1	20	
o-Xylene	2790	100	ug/kg	2500		112	70-125	1	20	
Surrogate: 4-Bromofluorobenzene	*2310*		*ug/kg*	*2500*		*92*	*65-140*			
Surrogate: Dibromofluoromethane	*2400*		*ug/kg*	*2500*		*96*	*55-140*			
Surrogate: Toluene-d8	*2340*		*ug/kg*	*2500*		*93*	*60-140*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Blank Analyzed: 11/11/2008 (8K11036-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Blank Analyzed: 11/11/2008 (8K11036-BLK1)										
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*5790*		*ug/kg*	*6670*		*87*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2860*		*ug/kg*	*3330*		*86*	*35-120*			
Surrogate: 2-Fluorophenol	*4750*		*ug/kg*	*6670*		*71*	*25-120*			
Surrogate: Nitrobenzene-d5	*2430*		*ug/kg*	*3330*		*73*	*30-120*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Blank Analyzed: 11/11/2008 (8K11036-BLK1)										
Surrogate: Phenol-d6	*5010*		*ug/kg*	*6670*		*75*	*35-120*			
Surrogate: Terphenyl-d14	*3600*		*ug/kg*	*3330*		*108*	*40-135*			
LCS Analyzed: 11/11/2008 (8K11036-BS1)										
Acenaphthene	2600	330	ug/kg	3330		78	50-120			
Acenaphthylene	2520	330	ug/kg	3330		76	50-120			
Aniline	2020	420	ug/kg	3330		61	25-120			
Anthracene	3010	330	ug/kg	3330		90	55-120			
Benzidine	2020	660	ug/kg	3330		61	20-120			
Benzo(a)anthracene	2990	330	ug/kg	3330		90	55-120			
Benzo(a)pyrene	3170	330	ug/kg	3330		95	50-125			
Benzo(b)fluoranthene	2830	330	ug/kg	3330		85	45-125			
Benzo(g,h,i)perylene	3780	330	ug/kg	3330		113	35-130			
Benzo(k)fluoranthene	2980	330	ug/kg	3330		90	45-125			
Benzoic acid	2100	830	ug/kg	3330		63	20-120			
Benzyl alcohol	2280	330	ug/kg	3330		68	35-120			
4-Bromophenyl phenyl ether	3190	330	ug/kg	3330		96	45-120			
Butyl benzyl phthalate	2750	330	ug/kg	3330		83	50-125			
4-Chloro-3-methylphenol	2850	330	ug/kg	3330		85	50-125			
4-Chloroaniline	1980	330	ug/kg	3330		59	20-120			
Bis(2-chloroethoxy)methane	2570	330	ug/kg	3330		77	45-120			
Bis(2-chloroethyl)ether	2340	170	ug/kg	3330		70	35-120			
Bis(2-chloroisopropyl)ether	2260	330	ug/kg	3330		68	40-120			
2-Chloronaphthalene	2530	330	ug/kg	3330		76	45-120			
2-Chlorophenol	2380	330	ug/kg	3330		71	40-120			
4-Chlorophenyl phenyl ether	2820	330	ug/kg	3330		85	55-120			
Chrysene	2880	330	ug/kg	3330		86	55-120			
Dibenz(a,h)anthracene	3750	420	ug/kg	3330		112	40-135			
Dibenzofuran	2800	330	ug/kg	3330		84	55-120			
Di-n-butyl phthalate	3360	330	ug/kg	3330		101	50-125			
1,2-Dichlorobenzene	2300	330	ug/kg	3330		69	40-120			
1,3-Dichlorobenzene	2150	330	ug/kg	3330		65	35-120			
1,4-Dichlorobenzene	2190	330	ug/kg	3330		66	35-120			
3,3'-Dichlorobenzidine	2390	830	ug/kg	3330		72	20-130			
2,4-Dichlorophenol	2810	330	ug/kg	3330		84	45-120			
Diethyl phthalate	2940	330	ug/kg	3330		88	50-125			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
LCS Analyzed: 11/11/2008 (8K11036-BS1)										
2,4-Dimethylphenol	2440	330	ug/kg	3330		73	40-120			
Dimethyl phthalate	2830	330	ug/kg	3330		85	50-125			
4,6-Dinitro-2-methylphenol	2690	420	ug/kg	3330		81	40-120			
2,4-Dinitrophenol	2250	660	ug/kg	3330		68	25-120			
2,4-Dinitrotoluene	2730	330	ug/kg	3330		82	55-125			
2,6-Dinitrotoluene	2750	330	ug/kg	3330		83	55-125			
Di-n-octyl phthalate	2990	330	ug/kg	3330		90	50-135			
1,2-Diphenylhydrazine/Azobenzene	2770	330	ug/kg	3330		83	50-125			
Bis(2-ethylhexyl)phthalate	2890	330	ug/kg	3330		87	50-130			
Fluoranthene	3170	330	ug/kg	3330		95	55-120			
Fluorene	2740	330	ug/kg	3330		82	55-120			
Hexachlorobenzene	3090	330	ug/kg	3330		93	50-120			
Hexachlorobutadiene	2730	330	ug/kg	3330		82	40-120			
Hexachlorocyclopentadiene	2930	830	ug/kg	3330		88	30-125			
Hexachloroethane	2330	330	ug/kg	3330		70	40-120			
Indeno(1,2,3-cd)pyrene	3730	330	ug/kg	3330		112	30-135			
Isophorone	2340	330	ug/kg	3330		70	40-120			
2-Methylnaphthalene	2800	330	ug/kg	3330		84	45-120			
2-Methylphenol	2450	330	ug/kg	3330		73	40-120			
4-Methylphenol	2680	330	ug/kg	3330		81	45-120			
Naphthalene	2460	330	ug/kg	3330		74	45-120			
2-Nitroaniline	2620	330	ug/kg	3330		79	50-125			
3-Nitroaniline	2570	330	ug/kg	3330		77	35-120			
4-Nitroaniline	2370	830	ug/kg	3330		71	45-125			
Nitrobenzene	2300	330	ug/kg	3330		69	45-120			
2-Nitrophenol	2520	330	ug/kg	3330		75	45-120			
4-Nitrophenol	2720	830	ug/kg	3330		82	40-125			
N-Nitroso-di-n-propylamine	2450	250	ug/kg	3330		73	40-120			
N-Nitrosodiphenylamine	2960	330	ug/kg	3330		89	50-120			
Pentachlorophenol	2490	830	ug/kg	3330		75	40-120			
Phenanthrene	2930	330	ug/kg	3330		88	50-120			
Phenol	2340	330	ug/kg	3330		70	40-120			
Pyrene	2510	330	ug/kg	3330		75	45-125			
1,2,4-Trichlorobenzene	2530	330	ug/kg	3330		76	40-120			
2,4,5-Trichlorophenol	2880	330	ug/kg	3330		86	50-120			
2,4,6-Trichlorophenol	3040	330	ug/kg	3330		91	50-120			

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Project ID: Oakland
B0031045.0003
Report Number: IRK0811

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Received: 11/07/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
LCS Analyzed: 11/11/2008 (8K11036-BS1)										
Surrogate: 2,4,6-Tribromophenol	*5590*		*ug/kg*	*6670*		*84*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2670*		*ug/kg*	*3330*		*80*	*35-120*			
Surrogate: 2-Fluorophenol	*4620*		*ug/kg*	*6670*		*69*	*25-120*			
Surrogate: Nitrobenzene-d5	*2410*		*ug/kg*	*3330*		*72*	*30-120*			
Surrogate: Phenol-d6	*4980*		*ug/kg*	*6670*		*75*	*35-120*			
Surrogate: Terphenyl-d14	*3140*		*ug/kg*	*3330*		*94*	*40-135*			
Matrix Spike Analyzed: 11/11/2008 (8K11036-MS1)					**Source: IRK0970-09**					
Acenaphthene	13200	1700	ug/kg	16600	ND	80	45-120			
Acenaphthylene	12800	1700	ug/kg	16600	ND	77	45-120			
Aniline	ND	2100	ug/kg	16600	ND		25-120			*M2*
Anthracene	15200	1700	ug/kg	16600	ND	92	55-120			
Benzidine	ND	3300	ug/kg	16600	ND		20-120			*M2*
Benzo(a)anthracene	17800	1700	ug/kg	16600	ND	108	50-120			
Benzo(a)pyrene	17100	1700	ug/kg	16600	ND	104	45-125			
Benzo(b)fluoranthene	24600	1700	ug/kg	16600	ND	148	45-125			*M1*
Benzo(g,h,i)perylene	9950	1700	ug/kg	16600	ND	60	25-130			
Benzo(k)fluoranthene	12500	1700	ug/kg	16600	ND	75	45-125			
Benzoic acid	16800	4100	ug/kg	16600	ND	101	20-120			
Benzyl alcohol	13800	1700	ug/kg	16600	ND	84	20-120			
4-Bromophenyl phenyl ether	15800	1700	ug/kg	16600	ND	95	45-120			
Butyl benzyl phthalate	15300	1700	ug/kg	16600	ND	92	45-125			
4-Chloro-3-methylphenol	15200	1700	ug/kg	16600	ND	92	50-125			
4-Chloroaniline	ND	1700	ug/kg	16600	ND		20-120			*M2*
Bis(2-chloroethoxy)methane	12900	1700	ug/kg	16600	ND	78	45-120			
Bis(2-chloroethyl)ether	10700	830	ug/kg	16600	ND	65	35-110			
Bis(2-chloroisopropyl)ether	11300	1700	ug/kg	16600	ND	68	40-120			
2-Chloronaphthalene	12600	1700	ug/kg	16600	ND	76	45-120			
2-Chlorophenol	11300	1700	ug/kg	16600	ND	68	40-120			
4-Chlorophenyl phenyl ether	13700	1700	ug/kg	16600	ND	83	50-120			
Chrysene	13600	1700	ug/kg	16600	ND	82	55-120			
Dibenz(a,h)anthracene	11100	2100	ug/kg	16600	ND	67	25-135			
Dibenzofuran	14300	1700	ug/kg	16600	ND	86	50-120			
Di-n-butyl phthalate	17300	1700	ug/kg	16600	ND	104	50-125			
1,2-Dichlorobenzene	10400	1700	ug/kg	16600	ND	63	40-120			
1,3-Dichlorobenzene	9820	1700	ug/kg	16600	ND	59	35-120			

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Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Matrix Spike Analyzed: 11/11/2008 (8K11036-MS1)					**Source: IRK0970-09**					
1,4-Dichlorobenzene	10100	1700	ug/kg	16600	ND	61	35-120			
3,3'-Dichlorobenzidine	ND	4100	ug/kg	16600	ND		20-130			*M2*
2,4-Dichlorophenol	13900	1700	ug/kg	16600	ND	84	45-120			
Diethyl phthalate	15100	1700	ug/kg	16600	ND	91	50-125			
2,4-Dimethylphenol	13200	1700	ug/kg	16600	ND	80	30-120			
Dimethyl phthalate	14200	1700	ug/kg	16600	ND	86	45-125			
4,6-Dinitro-2-methylphenol	16100	2100	ug/kg	16600	ND	97	35-120			
2,4-Dinitrophenol	16700	3300	ug/kg	16600	ND	101	20-120			
2,4-Dinitrotoluene	14500	1700	ug/kg	16600	ND	87	50-125			
2,6-Dinitrotoluene	13900	1700	ug/kg	16600	ND	84	50-125			
Di-n-octyl phthalate	16100	1700	ug/kg	16600	ND	97	50-135			
1,2-Diphenylhydrazine/Azobenzene	13300	1700	ug/kg	16600	ND	80	50-125			
Bis(2-ethylhexyl)phthalate	17200	1700	ug/kg	16600	ND	104	45-130			
Fluoranthene	16500	1700	ug/kg	16600	ND	100	45-120			
Fluorene	13900	1700	ug/kg	16600	ND	84	50-120			
Hexachlorobenzene	14400	1700	ug/kg	16600	ND	87	50-120			
Hexachlorobutadiene	13000	1700	ug/kg	16600	ND	79	40-120			
Hexachlorocyclopentadiene	15300	4100	ug/kg	16600	ND	92	20-125			
Hexachloroethane	10900	1700	ug/kg	16600	ND	66	35-120			
Indeno(1,2,3-cd)pyrene	13300	1700	ug/kg	16600	ND	80	20-130			
Isophorone	11400	1700	ug/kg	16600	ND	69	40-120			
2-Methylnaphthalene	13500	1700	ug/kg	16600	ND	82	40-120			
2-Methylphenol	12400	1700	ug/kg	16600	ND	75	40-120			
4-Methylphenol	32100	1700	ug/kg	16600	20600	69	45-120			
Naphthalene	12200	1700	ug/kg	16600	ND	74	40-120			
2-Nitroaniline	8920	1700	ug/kg	16600	ND	54	45-120			
3-Nitroaniline	8910	1700	ug/kg	16600	ND	54	30-120			
4-Nitroaniline	586	4100	ug/kg	16600	ND	4	40-125			*M2*
Nitrobenzene	11700	1700	ug/kg	16600	ND	70	40-120			
2-Nitrophenol	13000	1700	ug/kg	16600	ND	78	40-120			
4-Nitrophenol	1650	4100	ug/kg	16600	ND	10	35-125			*M2*
N-Nitroso-di-n-propylamine	11600	1200	ug/kg	16600	ND	70	35-120			
N-Nitrosodiphenylamine	12300	1700	ug/kg	16600	ND	74	45-125			
Pentachlorophenol	17900	4100	ug/kg	16600	ND	108	30-120			
Phenanthrene	14500	1700	ug/kg	16600	ND	88	50-120			
Phenol	10800	1700	ug/kg	16600	ND	65	40-120			

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B0031045.0003
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Sampled: 11/05/08-11/06/08
Received: 11/07/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Matrix Spike Analyzed: 11/11/2008 (8K11036-MS1)					**Source: IRK0970-09**					
Pyrene	14800	1700	ug/kg	16600	ND	90	40-125			
1,2,4-Trichlorobenzene	12000	1700	ug/kg	16600	ND	72	40-120			
2,4,5-Trichlorophenol	16000	1700	ug/kg	16600	ND	97	45-120			
2,4,6-Trichlorophenol	15600	1700	ug/kg	16600	ND	94	45-120			
Surrogate: 2,4,6-Tribromophenol	*29300*		*ug/kg*	*33100*		*88*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*12900*		*ug/kg*	*16600*		*78*	*35-120*			
Surrogate: 2-Fluorophenol	*21500*		*ug/kg*	*33100*		*65*	*25-120*			
Surrogate: Nitrobenzene-d5	*11700*		*ug/kg*	*16600*		*71*	*30-120*			
Surrogate: Phenol-d6	*23000*		*ug/kg*	*33100*		*70*	*35-120*			
Surrogate: Terphenyl-d14	*18100*		*ug/kg*	*16600*		*109*	*40-135*			
Matrix Spike Dup Analyzed: 11/11/2008 (8K11036-MSD1)					**Source: IRK0970-09**					
Acenaphthene	13500	1700	ug/kg	16700	ND	81	45-120	2	25	
Acenaphthylene	13000	1700	ug/kg	16700	ND	78	45-120	2	20	
Aniline	ND	2100	ug/kg	16700	ND		25-120		30	*M2*
Anthracene	15400	1700	ug/kg	16700	ND	92	55-120	2	25	
Benzidine	ND	3300	ug/kg	16700	ND		20-120		30	*M2*
Benzo(a)anthracene	17100	1700	ug/kg	16700	ND	102	50-120	4	25	
Benzo(a)pyrene	16600	1700	ug/kg	16700	ND	99	45-125	3	25	
Benzo(b)fluoranthene	24200	1700	ug/kg	16700	ND	145	45-125	2	30	*M1*
Benzo(g,h,i)perylene	11900	1700	ug/kg	16700	ND	72	25-130	18	30	
Benzo(k)fluoranthene	12400	1700	ug/kg	16700	ND	74	45-125	1	30	
Benzoic acid	17300	4200	ug/kg	16700	ND	104	20-120	3	30	
Benzyl alcohol	14200	1700	ug/kg	16700	ND	85	20-120	3	30	
4-Bromophenyl phenyl ether	15900	1700	ug/kg	16700	ND	95	45-120	0	20	
Butyl benzyl phthalate	15400	1700	ug/kg	16700	ND	92	45-125	1	25	
4-Chloro-3-methylphenol	15100	1700	ug/kg	16700	ND	91	50-125	1	25	
4-Chloroaniline	ND	1700	ug/kg	16700	ND		20-120		30	*M2*
Bis(2-chloroethoxy)methane	13500	1700	ug/kg	16700	ND	81	45-120	5	25	
Bis(2-chloroethyl)ether	11200	840	ug/kg	16700	ND	67	35-110	5	25	
Bis(2-chloroisopropyl)ether	11500	1700	ug/kg	16700	ND	69	40-120	2	25	
2-Chloronaphthalene	13100	1700	ug/kg	16700	ND	79	45-120	4	20	
2-Chlorophenol	11900	1700	ug/kg	16700	ND	72	40-120	5	20	
4-Chlorophenyl phenyl ether	13500	1700	ug/kg	16700	ND	81	50-120	2	25	
Chrysene	13500	1700	ug/kg	16700	ND	81	55-120	1	25	
Dibenz(a,h)anthracene	12800	2100	ug/kg	16700	ND	77	25-135	14	30	

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Matrix Spike Dup Analyzed: 11/11/2008 (8K11036-MSD1)					**Source: IRK0970-09**					
Dibenzofuran	14100	1700	ug/kg	16700	ND	85	50-120	1	25	
Di-n-butyl phthalate	16500	1700	ug/kg	16700	ND	99	50-125	4	25	
1,2-Dichlorobenzene	11300	1700	ug/kg	16700	ND	68	40-120	8	25	
1,3-Dichlorobenzene	10500	1700	ug/kg	16700	ND	63	35-120	7	25	
1,4-Dichlorobenzene	10800	1700	ug/kg	16700	ND	65	35-120	7	25	
3,3'-Dichlorobenzidine	ND	4200	ug/kg	16700	ND		20-130		25	*M2*
2,4-Dichlorophenol	14300	1700	ug/kg	16700	ND	86	45-120	3	25	
Diethyl phthalate	15100	1700	ug/kg	16700	ND	90	50-125	0	25	
2,4-Dimethylphenol	13400	1700	ug/kg	16700	ND	81	30-120	2	25	
Dimethyl phthalate	14100	1700	ug/kg	16700	ND	84	45-125	1	25	
4,6-Dinitro-2-methylphenol	16800	2100	ug/kg	16700	ND	101	35-120	5	25	
2,4-Dinitrophenol	16100	3300	ug/kg	16700	ND	97	20-120	3	25	
2,4-Dinitrotoluene	14100	1700	ug/kg	16700	ND	85	50-125	2	25	
2,6-Dinitrotoluene	14200	1700	ug/kg	16700	ND	85	50-125	2	20	
Di-n-octyl phthalate	16400	1700	ug/kg	16700	ND	98	50-135	1	25	
1,2-Diphenylhydrazine/Azobenzene	13000	1700	ug/kg	16700	ND	78	50-125	2	25	
Bis(2-ethylhexyl)phthalate	17100	1700	ug/kg	16700	ND	103	45-130	0	25	
Fluoranthene	16200	1700	ug/kg	16700	ND	97	45-120	2	25	
Fluorene	13800	1700	ug/kg	16700	ND	83	50-120	1	25	
Hexachlorobenzene	15000	1700	ug/kg	16700	ND	90	50-120	4	25	
Hexachlorobutadiene	13900	1700	ug/kg	16700	ND	83	40-120	6	25	
Hexachlorocyclopentadiene	16100	4200	ug/kg	16700	ND	96	20-125	5	30	
Hexachloroethane	11700	1700	ug/kg	16700	ND	70	35-120	7	30	
Indeno(1,2,3-cd)pyrene	16000	1700	ug/kg	16700	ND	96	20-130	18	30	
Isophorone	11800	1700	ug/kg	16700	ND	71	40-120	3	25	
2-Methylnaphthalene	14000	1700	ug/kg	16700	ND	84	40-120	3	20	
2-Methylphenol	12500	1700	ug/kg	16700	ND	75	40-120	1	25	
4-Methylphenol	33300	1700	ug/kg	16700	20600	76	45-120	4	25	
Naphthalene	12800	1700	ug/kg	16700	ND	77	40-120	5	25	
2-Nitroaniline	ND	1700	ug/kg	16700	ND		45-120		25	*M2*
3-Nitroaniline	8610	1700	ug/kg	16700	ND	52	30-120	3	25	
4-Nitroaniline	693	4200	ug/kg	16700	ND	4	40-125	17	30	*M2*
Nitrobenzene	12600	1700	ug/kg	16700	ND	76	40-120	8	25	
2-Nitrophenol	14100	1700	ug/kg	16700	ND	85	40-120	8	25	
4-Nitrophenol	1650	4200	ug/kg	16700	ND	10	35-125	0	30	*M2*
N-Nitroso-di-n-propylamine	12100	1200	ug/kg	16700	ND	73	35-120	4	25	

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Matrix Spike Dup Analyzed: 11/11/2008 (8K11036-MSD1)					**Source: IRK0970-09**					
N-Nitrosodiphenylamine	12200	1700	ug/kg	16700	ND	73	45-125	0	25	
Pentachlorophenol	18500	4200	ug/kg	16700	ND	111	30-120	3	25	
Phenanthrene	14500	1700	ug/kg	16700	ND	87	50-120	0	25	
Phenol	11200	1700	ug/kg	16700	ND	67	40-120	3	25	
Pyrene	15200	1700	ug/kg	16700	ND	91	40-125	2	30	
1,2,4-Trichlorobenzene	13000	1700	ug/kg	16700	ND	78	40-120	8	25	
2,4,5-Trichlorophenol	15500	1700	ug/kg	16700	ND	93	45-120	3	20	
2,4,6-Trichlorophenol	15600	1700	ug/kg	16700	ND	93	45-120	0	25	
Surrogate: 2,4,6-Tribromophenol	*29500*		*ug/kg*	*33300*		*89*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*13200*		*ug/kg*	*16700*		*79*	*35-120*			
Surrogate: 2-Fluorophenol	*21900*		*ug/kg*	*33300*		*66*	*25-120*			
Surrogate: Nitrobenzene-d5	*12300*		*ug/kg*	*16700*		*74*	*30-120*			
Surrogate: Phenol-d6	*23600*		*ug/kg*	*33300*		*71*	*35-120*			
Surrogate: Terphenyl-d14	*18500*		*ug/kg*	*16700*		*111*	*40-135*			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13122 Extracted: 11/13/08										
Blank Analyzed: 11/15/2008 (8K13122-BLK1)										
Acenaphthene	ND	0.050	mg/l							
Acenaphthylene	ND	0.050	mg/l							
Aniline	ND	0.050	mg/l							
Anthracene	ND	0.050	mg/l							
Benzidine	ND	0.50	mg/l							
Benzo(a)anthracene	ND	0.050	mg/l							
Benzo(a)pyrene	ND	0.050	mg/l							
Benzo(b)fluoranthene	ND	0.050	mg/l							
Benzo(g,h,i)perylene	ND	0.050	mg/l							
Benzo(k)fluoranthene	ND	0.050	mg/l							
Benzoic acid	ND	0.50	mg/l							
Benzyl alcohol	ND	0.10	mg/l							
4-Bromophenyl phenyl ether	ND	0.050	mg/l							
Butyl benzyl phthalate	ND	0.10	mg/l							
4-Chloro-3-methylphenol	ND	0.10	mg/l							
4-Chloroaniline	ND	0.050	mg/l							
Bis(2-chloroethoxy)methane	ND	0.050	mg/l							
Bis(2-chloroethyl)ether	ND	0.050	mg/l							
Bis(2-chloroisopropyl)ether	ND	0.050	mg/l							
2-Chloronaphthalene	ND	0.050	mg/l							
2-Chlorophenol	ND	0.050	mg/l							
4-Chlorophenyl phenyl ether	ND	0.050	mg/l							
Chrysene	ND	0.050	mg/l							
Dibenz(a,h)anthracene	ND	0.10	mg/l							
Dibenzofuran	ND	0.050	mg/l							
Di-n-butyl phthalate	ND	0.10	mg/l							
1,2-Dichlorobenzene	ND	0.050	mg/l							
1,3-Dichlorobenzene	ND	0.050	mg/l							
1,4-Dichlorobenzene	ND	0.050	mg/l							
3,3'-Dichlorobenzidine	ND	0.20	mg/l							
2,4-Dichlorophenol	ND	0.050	mg/l							
Diethyl phthalate	ND	0.050	mg/l							
2,4-Dimethylphenol	ND	0.10	mg/l							
Dimethyl phthalate	ND	0.050	mg/l							
4,6-Dinitro-2-methylphenol	ND	0.20	mg/l							
2,4-Dinitrophenol	ND	0.50	mg/l							

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13122 Extracted: 11/13/08										
Blank Analyzed: 11/15/2008 (8K13122-BLK1)										
2,4-Dinitrotoluene	ND	0.050	mg/l							
2,6-Dinitrotoluene	ND	0.050	mg/l							
Di-n-octyl phthalate	ND	0.20	mg/l							
1,2-Diphenylhydrazine/Azobenzene	ND	0.10	mg/l							
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/l							
Fluoranthene	ND	0.050	mg/l							
Fluorene	ND	0.050	mg/l							
Hexachlorobenzene	ND	0.050	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Hexachlorocyclopentadiene	ND	0.20	mg/l							
Hexachloroethane	ND	0.050	mg/l							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/l							
Isophorone	ND	0.050	mg/l							
2-Methylnaphthalene	ND	0.050	mg/l							
2-Methylphenol	ND	0.050	mg/l							
4-Methylphenol	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
2-Nitroaniline	ND	0.10	mg/l							
3-Nitroaniline	ND	0.10	mg/l							
4-Nitroaniline	ND	0.50	mg/l							
Nitrobenzene	ND	0.20	mg/l							
2-Nitrophenol	ND	0.050	mg/l							
4-Nitrophenol	ND	0.50	mg/l							
N-Nitroso-di-n-propylamine	ND	0.10	mg/l							
N-Nitrosodiphenylamine	ND	0.050	mg/l							
Pentachlorophenol	ND	0.20	mg/l							
Phenanthrene	ND	0.050	mg/l							
Phenol	ND	0.050	mg/l							
Pyrene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
2,4,5-Trichlorophenol	ND	0.10	mg/l							
2,4,6-Trichlorophenol	ND	0.10	mg/l							
Surrogate: 2,4,6-Tribromophenol	*1.02*		*mg/l*	*1.00*		*102*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*0.438*		*mg/l*	*0.500*		*88*	*50-120*			
Surrogate: 2-Fluorophenol	*0.821*		*mg/l*	*1.00*		*82*	*30-120*			
Surrogate: Nitrobenzene-d5	*0.473*		*mg/l*	*0.500*		*95*	*45-120*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13122 Extracted: 11/13/08										
Blank Analyzed: 11/15/2008 (8K13122-BLK1)										
Surrogate: Phenol-d6	*0.853*		*mg/l*	*1.00*		*85*	*35-120*			
Surrogate: Terphenyl-d14	*0.510*		*mg/l*	*0.500*		*102*	*50-125*			
LCS Analyzed: 11/15/2008 (8K13122-BS1)										
Acenaphthene	0.419	0.050	mg/l	0.500		84	60-120			
Acenaphthylene	0.413	0.050	mg/l	0.500		83	60-120			
Aniline	0.375	0.050	mg/l	0.500		75	35-120			
Anthracene	0.503	0.050	mg/l	0.500		101	65-120			
Benzidine	0.607	0.50	mg/l	0.500		121	30-160			
Benzo(a)anthracene	0.454	0.050	mg/l	0.500		91	65-120			
Benzo(a)pyrene	0.482	0.050	mg/l	0.500		96	55-130			
Benzo(b)fluoranthene	0.438	0.050	mg/l	0.500		88	55-125			
Benzo(g,h,i)perylene	0.500	0.050	mg/l	0.500		100	45-135			
Benzo(k)fluoranthene	0.506	0.050	mg/l	0.500		101	50-125			
Benzoic acid	0.401	0.50	mg/l	0.500		80	25-120			
Benzyl alcohol	0.443	0.10	mg/l	0.500		89	50-120			
4-Bromophenyl phenyl ether	0.491	0.050	mg/l	0.500		98	60-120			
Butyl benzyl phthalate	0.555	0.10	mg/l	0.500		111	55-130			
4-Chloro-3-methylphenol	0.486	0.10	mg/l	0.500		97	60-120			
4-Chloroaniline	0.441	0.050	mg/l	0.500		88	55-120			
Bis(2-chloroethoxy)methane	0.447	0.050	mg/l	0.500		89	55-120			
Bis(2-chloroethyl)ether	0.448	0.050	mg/l	0.500		90	50-120			
Bis(2-chloroisopropyl)ether	0.471	0.050	mg/l	0.500		94	45-120			
2-Chloronaphthalene	0.411	0.050	mg/l	0.500		82	60-120			
2-Chlorophenol	0.388	0.050	mg/l	0.500		78	45-120			
4-Chlorophenyl phenyl ether	0.436	0.050	mg/l	0.500		87	65-120			
Chrysene	0.460	0.050	mg/l	0.500		92	65-120			
Dibenz(a,h)anthracene	0.491	0.10	mg/l	0.500		98	50-135			
Dibenzofuran	0.459	0.050	mg/l	0.500		92	65-120			
Di-n-butyl phthalate	0.551	0.10	mg/l	0.500		110	60-125			
1,2-Dichlorobenzene	0.344	0.050	mg/l	0.500		69	40-120			
1,3-Dichlorobenzene	0.327	0.050	mg/l	0.500		65	35-120			
1,4-Dichlorobenzene	0.325	0.050	mg/l	0.500		65	35-120			
3,3'-Dichlorobenzidine	0.431	0.20	mg/l	0.500		86	45-135			
2,4-Dichlorophenol	0.438	0.050	mg/l	0.500		88	55-120			
Diethyl phthalate	0.466	0.050	mg/l	0.500		93	55-120			

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Project ID: Oakland
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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13122 Extracted: 11/13/08										
LCS Analyzed: 11/15/2008 (8K13122-BS1)										
2,4-Dimethylphenol	0.396	0.10	mg/l	0.500		79	40-120			
Dimethyl phthalate	0.480	0.050	mg/l	0.500		96	30-120			
4,6-Dinitro-2-methylphenol	0.485	0.20	mg/l	0.500		97	45-120			
2,4-Dinitrophenol	0.356	0.50	mg/l	0.500		71	40-120			
2,4-Dinitrotoluene	0.453	0.050	mg/l	0.500		91	65-120			
2,6-Dinitrotoluene	0.455	0.050	mg/l	0.500		91	65-120			
Di-n-octyl phthalate	0.528	0.20	mg/l	0.500		106	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.477	0.10	mg/l	0.500		95	60-120			
Bis(2-ethylhexyl)phthalate	0.512	0.25	mg/l	0.500		102	65-130			
Fluoranthene	0.504	0.050	mg/l	0.500		101	60-120			
Fluorene	0.446	0.050	mg/l	0.500		89	65-120			
Hexachlorobenzene	0.467	0.050	mg/l	0.500		93	60-120			
Hexachlorobutadiene	0.390	0.050	mg/l	0.500		78	40-120			
Hexachlorocyclopentadiene	0.330	0.20	mg/l	0.500		66	25-120			
Hexachloroethane	0.318	0.050	mg/l	0.500		64	35-120			
Indeno(1,2,3-cd)pyrene	0.489	0.10	mg/l	0.500		98	45-135			
Isophorone	0.437	0.050	mg/l	0.500		87	50-120			
2-Methylnaphthalene	0.445	0.050	mg/l	0.500		89	55-120			
2-Methylphenol	0.405	0.050	mg/l	0.500		81	50-120			
4-Methylphenol	0.405	0.050	mg/l	0.500		81	50-120			
Naphthalene	0.384	0.050	mg/l	0.500		77	55-120			
2-Nitroaniline	0.529	0.10	mg/l	0.500		106	65-120			
3-Nitroaniline	0.448	0.10	mg/l	0.500		90	60-120			
4-Nitroaniline	0.491	0.50	mg/l	0.500		98	55-125			
Nitrobenzene	0.438	0.20	mg/l	0.500		88	55-120			
2-Nitrophenol	0.436	0.050	mg/l	0.500		87	50-120			
4-Nitrophenol	0.434	0.50	mg/l	0.500		87	45-120			
N-Nitroso-di-n-propylamine	0.465	0.10	mg/l	0.500		93	45-120			
N-Nitrosodiphenylamine	0.476	0.050	mg/l	0.500		95	60-120			
Pentachlorophenol	0.398	0.20	mg/l	0.500		80	50-120			
Phenanthrene	0.497	0.050	mg/l	0.500		99	65-120			
Phenol	0.352	0.050	mg/l	0.500		70	40-120			
Pyrene	0.461	0.050	mg/l	0.500		92	55-125			
1,2,4-Trichlorobenzene	0.379	0.050	mg/l	0.500		76	45-120			
2,4,5-Trichlorophenol	0.440	0.10	mg/l	0.500		88	55-120			
2,4,6-Trichlorophenol	0.426	0.10	mg/l	0.500		85	55-120			

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13122 Extracted: 11/13/08										
LCS Analyzed: 11/15/2008 (8K13122-BS1)										
Surrogate: 2,4,6-Tribromophenol	*0.832*		*mg/l*	*1.00*		*83*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*0.415*		*mg/l*	*0.500*		*83*	*50-120*			
Surrogate: 2-Fluorophenol	*0.671*		*mg/l*	*1.00*		*67*	*30-120*			
Surrogate: Nitrobenzene-d5	*0.440*		*mg/l*	*0.500*		*88*	*45-120*			
Surrogate: Phenol-d6	*0.760*		*mg/l*	*1.00*		*76*	*35-120*			
Surrogate: Terphenyl-d14	*0.527*		*mg/l*	*0.500*		*105*	*50-125*			
Matrix Spike Analyzed: 11/15/2008 (8K13122-MS1)					**Source: IRK0787-01**					
Acenaphthene	0.447	0.050	mg/l	0.500	ND	89	60-120			
Acenaphthylene	0.429	0.050	mg/l	0.500	ND	86	60-120			
Aniline	0.406	0.050	mg/l	0.500	ND	81	35-120			
Anthracene	0.535	0.050	mg/l	0.500	ND	107	65-120			
Benzidine	0.445	0.50	mg/l	0.500	ND	89	30-160			
Benzo(a)anthracene	0.479	0.050	mg/l	0.500	ND	96	65-120			
Benzo(a)pyrene	0.515	0.050	mg/l	0.500	ND	103	55-130			
Benzo(b)fluoranthene	0.472	0.050	mg/l	0.500	ND	94	55-125			
Benzo(g,h,i)perylene	0.572	0.050	mg/l	0.500	ND	114	45-135			
Benzo(k)fluoranthene	0.514	0.050	mg/l	0.500	ND	103	55-125			
Benzoic acid	0.445	0.50	mg/l	0.500	ND	89	25-125			
Benzyl alcohol	0.508	0.10	mg/l	0.500	ND	102	40-120			
4-Bromophenyl phenyl ether	0.506	0.050	mg/l	0.500	ND	101	60-120			
Butyl benzyl phthalate	0.621	0.10	mg/l	0.500	ND	124	55-130			
4-Chloro-3-methylphenol	0.525	0.10	mg/l	0.500	ND	105	60-120			
4-Chloroaniline	0.460	0.050	mg/l	0.500	ND	92	55-120			
Bis(2-chloroethoxy)methane	0.488	0.050	mg/l	0.500	ND	98	50-120			
Bis(2-chloroethyl)ether	0.498	0.050	mg/l	0.500	ND	100	50-120			
Bis(2-chloroisopropyl)ether	0.516	0.050	mg/l	0.500	ND	103	45-120			
2-Chloronaphthalene	0.462	0.050	mg/l	0.500	ND	92	60-120			
2-Chlorophenol	0.426	0.050	mg/l	0.500	ND	85	45-120			
4-Chlorophenyl phenyl ether	0.460	0.050	mg/l	0.500	ND	92	65-120			
Chrysene	0.478	0.050	mg/l	0.500	ND	96	65-120			
Dibenz(a,h)anthracene	0.505	0.10	mg/l	0.500	ND	101	45-135			
Dibenzofuran	0.478	0.050	mg/l	0.500	ND	96	65-120			
Di-n-butyl phthalate	0.587	0.10	mg/l	0.500	ND	117	60-125			
1,2-Dichlorobenzene	0.390	0.050	mg/l	0.500	ND	78	40-120			
1,3-Dichlorobenzene	0.363	0.050	mg/l	0.500	ND	73	35-120			

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13122 Extracted: 11/13/08										
Matrix Spike Analyzed: 11/15/2008 (8K13122-MS1)					**Source: IRK0787-01**					
1,4-Dichlorobenzene	0.364	0.050	mg/l	0.500	ND	73	35-120			
3,3'-Dichlorobenzidine	0.417	0.20	mg/l	0.500	ND	83	45-135			
2,4-Dichlorophenol	0.483	0.050	mg/l	0.500	ND	97	55-120			
Diethyl phthalate	0.490	0.050	mg/l	0.500	ND	98	55-120			
2,4-Dimethylphenol	0.456	0.10	mg/l	0.500	ND	91	40-120			
Dimethyl phthalate	0.469	0.050	mg/l	0.500	ND	94	30-120			
4,6-Dinitro-2-methylphenol	0.530	0.20	mg/l	0.500	ND	106	45-120			
2,4-Dinitrophenol	0.408	0.50	mg/l	0.500	ND	82	40-120			
2,4-Dinitrotoluene	0.478	0.050	mg/l	0.500	ND	96	65-120			
2,6-Dinitrotoluene	0.452	0.050	mg/l	0.500	ND	90	65-120			
Di-n-octyl phthalate	0.580	0.20	mg/l	0.500	ND	116	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.476	0.10	mg/l	0.500	ND	95	60-120			
Bis(2-ethylhexyl)phthalate	0.570	0.25	mg/l	0.500	ND	114	65-130			
Fluoranthene	0.526	0.050	mg/l	0.500	ND	105	60-120			
Fluorene	0.459	0.050	mg/l	0.500	ND	92	65-120			
Hexachlorobenzene	0.484	0.050	mg/l	0.500	ND	97	60-120			
Hexachlorobutadiene	0.441	0.050	mg/l	0.500	ND	88	40-120			
Hexachlorocyclopentadiene	0.442	0.20	mg/l	0.500	ND	88	25-120			
Hexachloroethane	0.362	0.050	mg/l	0.500	ND	72	35-120			
Indeno(1,2,3-cd)pyrene	0.516	0.10	mg/l	0.500	ND	103	40-135			
Isophorone	0.473	0.050	mg/l	0.500	ND	95	50-120			
2-Methylnaphthalene	0.477	0.050	mg/l	0.500	ND	95	55-120			
2-Methylphenol	0.457	0.050	mg/l	0.500	ND	91	50-120			
4-Methylphenol	0.455	0.050	mg/l	0.500	ND	91	50-120			
Naphthalene	0.432	0.050	mg/l	0.500	ND	86	55-120			
2-Nitroaniline	0.565	0.10	mg/l	0.500	ND	113	65-120			
3-Nitroaniline	0.471	0.10	mg/l	0.500	ND	94	60-120			
4-Nitroaniline	0.494	0.50	mg/l	0.500	ND	99	55-125			
Nitrobenzene	0.494	0.20	mg/l	0.500	ND	99	55-120			
2-Nitrophenol	0.462	0.050	mg/l	0.500	ND	92	50-120			
4-Nitrophenol	0.491	0.50	mg/l	0.500	ND	98	45-120			
N-Nitroso-di-n-propylamine	0.510	0.10	mg/l	0.500	ND	102	45-120			
N-Nitrosodiphenylamine	0.540	0.050	mg/l	0.500	ND	108	60-120			
Pentachlorophenol	0.483	0.20	mg/l	0.500	ND	97	50-120			
Phenanthrene	0.530	0.050	mg/l	0.500	ND	106	65-120			
Phenol	0.385	0.050	mg/l	0.500	ND	77	40-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13122 Extracted: 11/13/08										
Matrix Spike Analyzed: 11/15/2008 (8K13122-MS1)					**Source: IRK0787-01**					
Pyrene	0.487	0.050	mg/l	0.500	ND	97	55-125			
1,2,4-Trichlorobenzene	0.429	0.050	mg/l	0.500	ND	86	45-120			
2,4,5-Trichlorophenol	0.487	0.10	mg/l	0.500	ND	97	55-120			
2,4,6-Trichlorophenol	0.466	0.10	mg/l	0.500	ND	93	55-120			
Surrogate: 2,4,6-Tribromophenol	*1.01*		*mg/l*	*1.00*		*101*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*0.458*		*mg/l*	*0.500*		*92*	*50-120*			
Surrogate: 2-Fluorophenol	*0.717*		*mg/l*	*1.00*		*72*	*30-120*			
Surrogate: Nitrobenzene-d5	*0.485*		*mg/l*	*0.500*		*97*	*45-120*			
Surrogate: Phenol-d6	*0.815*		*mg/l*	*1.00*		*81*	*35-120*			
Surrogate: Terphenyl-d14	*0.539*		*mg/l*	*0.500*		*108*	*50-125*			

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Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12051 Extracted: 11/12/08										
Blank Analyzed: 11/13/2008 (8K12051-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*28.1*		*ug/kg*	*33.3*		*84*	*45-120*			
LCS Analyzed: 11/13/2008 (8K12051-BS1)										
Aroclor 1016	235	50	ug/kg	267		88	65-115			
Aroclor 1260	223	50	ug/kg	267		83	65-115			
Surrogate: Decachlorobiphenyl	*27.9*		*ug/kg*	*33.3*		*84*	*45-120*			
Matrix Spike Analyzed: 11/13/2008 (8K12051-MS1)					**Source: IRK0811-03**					
Aroclor 1016	424	100	ug/kg	533	ND	79	50-120			
Aroclor 1260	396	100	ug/kg	533	ND	74	50-125			
Surrogate: Decachlorobiphenyl	*50.1*		*ug/kg*	*66.7*		*75*	*45-120*			
Matrix Spike Dup Analyzed: 11/13/2008 (8K12051-MSD1)					**Source: IRK0811-03**					
Aroclor 1016	429	100	ug/kg	533	ND	80	50-120	1	30	
Aroclor 1260	397	100	ug/kg	533	ND	74	50-125	0	30	
Surrogate: Decachlorobiphenyl	*51.0*		*ug/kg*	*66.7*		*76*	*45-120*			
Batch: 8K12105 Extracted: 11/12/08										
Blank Analyzed: 11/14/2008 (8K12105-BLK1)										
Aroclor 1016	ND	1.0	ug/Wipe							
Aroclor 1221	ND	1.0	ug/Wipe							
Aroclor 1232	ND	1.0	ug/Wipe							
Aroclor 1242	ND	1.0	ug/Wipe							
Aroclor 1248	ND	1.0	ug/Wipe							
Aroclor 1254	ND	1.0	ug/Wipe							
Aroclor 1260	ND	1.0	ug/Wipe							
Surrogate: Decachlorobiphenyl	*0.417*		*ug/Wipe*	*0.500*		*83*	*45-120*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12105 Extracted: 11/12/08										
LCS Analyzed: 11/14/2008 (8K12105-BS1)										
Aroclor 1016	3.29	1.0	ug/Wipe	4.00		82	65-115			
Aroclor 1260	3.36	1.0	ug/Wipe	4.00		84	65-115			
Surrogate: Decachlorobiphenyl	*0.415*		*ug/Wipe*	*0.500*		*83*	*45-120*			
LCS Dup Analyzed: 11/14/2008 (8K12105-BSD1)										
Aroclor 1016	3.43	1.0	ug/Wipe	4.00		86	65-115	4	30	
Aroclor 1260	3.54	1.0	ug/Wipe	4.00		89	65-115	5	30	
Surrogate: Decachlorobiphenyl	*0.448*		*ug/Wipe*	*0.500*		*90*	*45-120*			
Batch: 8K13043 Extracted: 11/13/08										
Blank Analyzed: 11/14/2008 (8K13043-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*28.7*		*ug/kg*	*33.3*		*86*	*45-120*			
LCS Analyzed: 11/14/2008 (8K13043-BS1)										
Aroclor 1016	222	50	ug/kg	267		83	65-115			
Aroclor 1260	220	50	ug/kg	267		83	65-115			
Surrogate: Decachlorobiphenyl	*26.3*		*ug/kg*	*33.3*		*79*	*45-120*			
Matrix Spike Analyzed: 11/15/2008 (8K13043-MS1)					**Source: IRK0970-02**					
Aroclor 1016	200	50	ug/kg	267	ND	75	50-120			
Aroclor 1260	206	50	ug/kg	267	ND	77	50-125			
Surrogate: Decachlorobiphenyl	*26.7*		*ug/kg*	*33.3*		*80*	*45-120*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13043 Extracted: 11/13/08										
Matrix Spike Dup Analyzed: 11/15/2008 (8K13043-MSD1)					**Source: IRK0970-02**					
Aroclor 1016	218	50	ug/kg	267	ND	82	50-120	9	30	
Aroclor 1260	219	50	ug/kg	267	ND	82	50-125	6	30	
Surrogate: Decachlorobiphenyl	*27.5*		*ug/kg*	*33.3*		*82*	*45-120*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14015 Extracted: 11/12/08										
Blank Analyzed: 11/14/2008 (8K14015-BLK1)										
Benzene	ND	0.020	mg/l							
Bromobenzene	ND	0.050	mg/l							
Bromochloromethane	ND	0.050	mg/l							
Bromodichloromethane	ND	0.020	mg/l							
Bromoform	ND	0.050	mg/l							
Bromomethane	ND	0.050	mg/l							
2-Butanone (MEK)	ND	0.10	mg/l							
n-Butylbenzene	ND	0.050	mg/l							
tert-Butylbenzene	ND	0.050	mg/l							
sec-Butylbenzene	ND	0.050	mg/l							
Carbon tetrachloride	ND	0.050	mg/l							
Chlorobenzene	ND	0.020	mg/l							
Chloroethane	ND	0.050	mg/l							
Chloroform	ND	0.020	mg/l							
Chloromethane	ND	0.050	mg/l							
4-Chlorotoluene	ND	0.050	mg/l							
2-Chlorotoluene	ND	0.050	mg/l							
1,2-Dibromo-3-chloropropane	ND	0.050	mg/l							
Dibromochloromethane	ND	0.020	mg/l							
1,2-Dibromoethane (EDB)	ND	0.020	mg/l							
Dibromomethane	ND	0.020	mg/l							
1,2-Dichlorobenzene	ND	0.020	mg/l							
1,3-Dichlorobenzene	ND	0.020	mg/l							
1,4-Dichlorobenzene	ND	0.020	mg/l							
Dichlorodifluoromethane	ND	0.050	mg/l							
1,1-Dichloroethane	ND	0.020	mg/l							
1,2-Dichloroethane	ND	0.020	mg/l							
1,1-Dichloroethene	ND	0.050	mg/l							
cis-1,2-Dichloroethene	ND	0.020	mg/l							
trans-1,2-Dichloroethene	ND	0.020	mg/l							
1,3-Dichloropropane	ND	0.020	mg/l							
2,2-Dichloropropane	ND	0.020	mg/l							
1,2-Dichloropropane	ND	0.020	mg/l							
cis-1,3-Dichloropropene	ND	0.020	mg/l							
trans-1,3-Dichloropropene	ND	0.020	mg/l							
1,1-Dichloropropene	ND	0.020	mg/l							

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14015 Extracted: 11/12/08										
Blank Analyzed: 11/14/2008 (8K14015-BLK1)										
Ethylbenzene	ND	0.020	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Isopropylbenzene	ND	0.020	mg/l							
p-Isopropyltoluene	ND	0.020	mg/l							
Methylene chloride	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
n-Propylbenzene	ND	0.020	mg/l							
Styrene	ND	0.020	mg/l							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/l							
1,1,2,2-Tetrachloroethane	ND	0.020	mg/l							
Tetrachloroethene	ND	0.020	mg/l							
Toluene	ND	0.020	mg/l							
1,2,3-Trichlorobenzene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
1,1,1-Trichloroethane	ND	0.020	mg/l							
1,1,2-Trichloroethane	ND	0.020	mg/l							
Trichloroethene	ND	0.020	mg/l							
Trichlorofluoromethane	ND	0.050	mg/l							
1,2,3-Trichloropropane	ND	0.10	mg/l							
1,2,4-Trimethylbenzene	ND	0.020	mg/l							
1,3,5-Trimethylbenzene	ND	0.020	mg/l							
Vinyl chloride	ND	0.050	mg/l							
m,p-Xylenes	ND	0.020	mg/l							
o-Xylene	ND	0.020	mg/l							
Surrogate: 4-Bromofluorobenzene	*0.226*		*mg/l*	*0.250*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*0.234*		*mg/l*	*0.250*		*94*	*80-120*			
Surrogate: Toluene-d8	*0.224*		*mg/l*	*0.250*		*90*	*80-120*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14015 Extracted: 11/12/08										
LCS Analyzed: 11/14/2008 (8K14015-BS1)										
Benzene	0.226	0.020	mg/l	0.250		90	70-120			
Bromobenzene	0.257	0.050	mg/l	0.250		103	75-120			
Bromochloromethane	0.242	0.050	mg/l	0.250		97	70-130			
Bromodichloromethane	0.284	0.020	mg/l	0.250		114	70-135			
Bromoform	0.262	0.050	mg/l	0.250		105	55-130			
Bromomethane	0.286	0.050	mg/l	0.250		115	65-140			
2-Butanone (MEK)	0.175	0.10	mg/l	0.250		70	40-140			
n-Butylbenzene	0.262	0.050	mg/l	0.250		105	70-130			
tert-Butylbenzene	0.268	0.050	mg/l	0.250		107	70-125			
sec-Butylbenzene	0.261	0.050	mg/l	0.250		104	70-125			
Carbon tetrachloride	0.318	0.050	mg/l	0.250		127	65-140			
Chlorobenzene	0.258	0.020	mg/l	0.250		103	75-120			
Chloroethane	0.230	0.050	mg/l	0.250		92	60-140			
Chloroform	0.238	0.020	mg/l	0.250		95	70-130			
Chloromethane	0.254	0.050	mg/l	0.250		102	50-140			
4-Chlorotoluene	0.256	0.050	mg/l	0.250		102	75-125			
2-Chlorotoluene	0.251	0.050	mg/l	0.250		100	70-125			
1,2-Dibromo-3-chloropropane	0.271	0.050	mg/l	0.250		108	50-135			
Dibromochloromethane	0.278	0.020	mg/l	0.250		111	70-140			
1,2-Dibromoethane (EDB)	0.258	0.020	mg/l	0.250		103	75-125			
Dibromomethane	0.260	0.020	mg/l	0.250		104	70-125			
1,2-Dichlorobenzene	0.265	0.020	mg/l	0.250		106	75-120			
1,3-Dichlorobenzene	0.265	0.020	mg/l	0.250		106	75-120			
1,4-Dichlorobenzene	0.253	0.020	mg/l	0.250		101	75-120			
Dichlorodifluoromethane	0.281	0.050	mg/l	0.250		112	35-155			
1,1-Dichloroethane	0.230	0.020	mg/l	0.250		92	70-125			
1,2-Dichloroethane	0.272	0.020	mg/l	0.250		109	60-140			
1,1-Dichloroethene	0.233	0.050	mg/l	0.250		93	70-125			
cis-1,2-Dichloroethene	0.219	0.020	mg/l	0.250		88	70-125			
trans-1,2-Dichloroethene	0.241	0.020	mg/l	0.250		97	70-125			
1,3-Dichloropropane	0.241	0.020	mg/l	0.250		97	70-120			
2,2-Dichloropropane	0.283	0.020	mg/l	0.250		113	65-140			
1,2-Dichloropropane	0.233	0.020	mg/l	0.250		93	70-125			
cis-1,3-Dichloropropene	0.252	0.020	mg/l	0.250		101	75-125			
trans-1,3-Dichloropropene	0.273	0.020	mg/l	0.250		109	70-125			
1,1-Dichloropropene	0.246	0.020	mg/l	0.250		99	75-130			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14015 Extracted: 11/12/08										
LCS Analyzed: 11/14/2008 (8K14015-BS1)										
Ethylbenzene	0.254	0.020	mg/l	0.250		101	75-125			
Hexachlorobutadiene	0.296	0.050	mg/l	0.250		118	65-135			
Isopropylbenzene	0.298	0.020	mg/l	0.250		119	75-130			
p-Isopropyltoluene	0.274	0.020	mg/l	0.250		110	75-125			
Methylene chloride	0.217	0.050	mg/l	0.250		87	55-130			
Naphthalene	0.271	0.050	mg/l	0.250		108	55-135			
n-Propylbenzene	0.264	0.020	mg/l	0.250		106	75-130			
Styrene	0.260	0.020	mg/l	0.250		104	75-130			
1,1,1,2-Tetrachloroethane	0.294	0.050	mg/l	0.250		118	70-130			
1,1,2,2-Tetrachloroethane	0.242	0.020	mg/l	0.250		97	55-130			
Tetrachloroethene	0.260	0.020	mg/l	0.250		104	70-125			
Toluene	0.238	0.020	mg/l	0.250		95	70-120			
1,2,3-Trichlorobenzene	0.278	0.050	mg/l	0.250		111	65-125			
1,2,4-Trichlorobenzene	0.290	0.050	mg/l	0.250		116	70-135			
1,1,1-Trichloroethane	0.278	0.020	mg/l	0.250		111	65-135			
1,1,2-Trichloroethane	0.236	0.020	mg/l	0.250		95	70-125			
Trichloroethene	0.253	0.020	mg/l	0.250		101	70-125			
Trichlorofluoromethane	0.278	0.050	mg/l	0.250		111	65-145			
1,2,3-Trichloropropane	0.232	0.10	mg/l	0.250		93	60-130			
1,2,4-Trimethylbenzene	0.269	0.020	mg/l	0.250		108	75-125			
1,3,5-Trimethylbenzene	0.277	0.020	mg/l	0.250		111	75-125			
Vinyl chloride	0.265	0.050	mg/l	0.250		106	55-135			
m,p-Xylenes	0.516	0.020	mg/l	0.500		103	75-125			
Surrogate: 4-Bromofluorobenzene	*0.230*		*mg/l*	*0.250*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*0.241*		*mg/l*	*0.250*		*96*	*80-120*			
Surrogate: Toluene-d8	*0.225*		*mg/l*	*0.250*		*90*	*80-120*			
Matrix Spike Analyzed: 11/14/2008 (8K14015-MS1)					**Source: IRK0787-01**					
Benzene	0.224	0.020	mg/l	0.250	ND	90	65-125			
Bromobenzene	0.261	0.050	mg/l	0.250	ND	104	70-125			
Bromochloromethane	0.246	0.050	mg/l	0.250	ND	98	65-135			
Bromodichloromethane	0.284	0.020	mg/l	0.250	ND	114	70-135			
Bromoform	0.265	0.050	mg/l	0.250	ND	106	55-135			
Bromomethane	0.277	0.050	mg/l	0.250	ND	111	55-145			
2-Butanone (MEK)	0.173	0.10	mg/l	0.250	ND	69	30-145			
n-Butylbenzene	0.260	0.050	mg/l	0.250	ND	104	65-135			

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Received: 11/07/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14015 Extracted: 11/12/08										
Matrix Spike Analyzed: 11/14/2008 (8K14015-MS1)					**Source: IRK0787-01**					
tert-Butylbenzene	0.271	0.050	mg/l	0.250	ND	109	65-130			
sec-Butylbenzene	0.261	0.050	mg/l	0.250	ND	104	70-125			
Carbon tetrachloride	0.317	0.050	mg/l	0.250	ND	127	65-140			
Chlorobenzene	0.254	0.020	mg/l	0.250	ND	102	75-125			
Chloroethane	0.232	0.050	mg/l	0.250	ND	93	55-140			
Chloroform	0.238	0.020	mg/l	0.250	ND	95	65-135			
Chloromethane	0.255	0.050	mg/l	0.250	ND	102	45-145			
4-Chlorotoluene	0.255	0.050	mg/l	0.250	ND	102	70-135			
2-Chlorotoluene	0.251	0.050	mg/l	0.250	ND	100	65-135			
1,2-Dibromo-3-chloropropane	0.272	0.050	mg/l	0.250	ND	109	45-145			
Dibromochloromethane	0.278	0.020	mg/l	0.250	ND	111	65-140			
1,2-Dibromoethane (EDB)	0.261	0.020	mg/l	0.250	ND	105	70-130			
Dibromomethane	0.261	0.020	mg/l	0.250	ND	104	65-135			
1,2-Dichlorobenzene	0.266	0.020	mg/l	0.250	ND	107	75-125			
1,3-Dichlorobenzene	0.268	0.020	mg/l	0.250	ND	107	75-125			
1,4-Dichlorobenzene	0.253	0.020	mg/l	0.250	ND	101	75-125			
Dichlorodifluoromethane	0.282	0.050	mg/l	0.250	ND	113	25-155			
1,1-Dichloroethane	0.230	0.020	mg/l	0.250	ND	92	65-130			
1,2-Dichloroethane	0.273	0.020	mg/l	0.250	ND	109	60-140			
1,1-Dichloroethene	0.233	0.050	mg/l	0.250	ND	93	60-130			
cis-1,2-Dichloroethene	0.219	0.020	mg/l	0.250	ND	88	65-130			
trans-1,2-Dichloroethene	0.243	0.020	mg/l	0.250	ND	97	65-130			
1,3-Dichloropropane	0.237	0.020	mg/l	0.250	ND	95	65-135			
2,2-Dichloropropane	0.286	0.020	mg/l	0.250	ND	115	60-145			
1,2-Dichloropropane	0.235	0.020	mg/l	0.250	ND	94	65-130			
cis-1,3-Dichloropropene	0.256	0.020	mg/l	0.250	ND	103	70-130			
trans-1,3-Dichloropropene	0.276	0.020	mg/l	0.250	ND	110	65-135			
1,1-Dichloropropene	0.242	0.020	mg/l	0.250	ND	97	70-135			
Ethylbenzene	0.245	0.020	mg/l	0.250	ND	98	65-130			
Hexachlorobutadiene	0.303	0.050	mg/l	0.250	ND	121	60-135			
Isopropylbenzene	0.296	0.020	mg/l	0.250	ND	118	70-135			
p-Isopropyltoluene	0.272	0.020	mg/l	0.250	ND	109	65-130			
Methylene chloride	0.220	0.050	mg/l	0.250	0.0117	83	50-135			
Naphthalene	0.286	0.050	mg/l	0.250	0.00480	113	50-140			
n-Propylbenzene	0.261	0.020	mg/l	0.250	ND	104	70-135			
Styrene	0.257	0.020	mg/l	0.250	ND	103	50-145			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK0811

Sampled: 11/05/08-11/06/08
Received: 11/07/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14015 Extracted: 11/12/08										
Matrix Spike Analyzed: 11/14/2008 (8K14015-MS1)					**Source: IRK0787-01**					
1,1,1,2-Tetrachloroethane	0.289	0.050	mg/l	0.250	ND	116	65-140			
1,1,2,2-Tetrachloroethane	0.255	0.020	mg/l	0.250	ND	102	55-135			
Tetrachloroethene	0.254	0.020	mg/l	0.250	ND	101	65-130			
Toluene	0.236	0.020	mg/l	0.250	ND	94	70-125			
1,2,3-Trichlorobenzene	0.283	0.050	mg/l	0.250	0.00340	112	60-135			
1,2,4-Trichlorobenzene	0.291	0.050	mg/l	0.250	ND	116	65-135			
1,1,1-Trichloroethane	0.273	0.020	mg/l	0.250	ND	109	65-140			
1,1,2-Trichloroethane	0.238	0.020	mg/l	0.250	ND	95	65-130			
Trichloroethene	0.257	0.020	mg/l	0.250	ND	103	65-125			
Trichlorofluoromethane	0.277	0.050	mg/l	0.250	ND	111	60-145			
1,2,3-Trichloropropane	0.241	0.10	mg/l	0.250	ND	97	55-135			
1,2,4-Trimethylbenzene	0.270	0.020	mg/l	0.250	ND	108	55-135			
1,3,5-Trimethylbenzene	0.275	0.020	mg/l	0.250	ND	110	70-130			
Vinyl chloride	0.270	0.050	mg/l	0.250	ND	108	45-140			
m,p-Xylenes	0.506	0.020	mg/l	0.500	ND	101	65-130			
o-Xylene	0.249	0.020	mg/l	0.250	ND	100	65-125			
Surrogate: 4-Bromofluorobenzene	*0.225*		*mg/l*	*0.250*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*0.236*		*mg/l*	*0.250*		*95*	*80-120*			
Surrogate: Toluene-d8	*0.226*		*mg/l*	*0.250*		*90*	*80-120*			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11106 Extracted: 11/11/08										
Blank Analyzed: 11/11/2008 (8K11106-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 11/11/2008 (8K11106-BS1)										
Mercury	0.887	0.020	mg/kg	0.800		111	80-120			
Matrix Spike Analyzed: 11/11/2008 (8K11106-MS1)					**Source: IRK0608-01**					
Mercury	1.21	0.020	mg/kg	0.800	0.354	107	70-130			
Matrix Spike Dup Analyzed: 11/11/2008 (8K11106-MSD1)					**Source: IRK0608-01**					
Mercury	1.42	0.040	mg/kg	0.800	0.354	134	70-130	16	20	*M1*
Batch: 8K14142 Extracted: 11/14/08										
Blank Analyzed: 11/15/2008 (8K14142-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14142 Extracted: 11/14/08										
LCS Analyzed: 11/15/2008 (8K14142-BS1)										
Antimony	45.5	10	mg/kg	50.0		91	80-120			
Arsenic	45.5	2.0	mg/kg	50.0		91	80-120			
Barium	48.5	1.0	mg/kg	50.0		97	80-120			
Beryllium	48.2	0.50	mg/kg	50.0		96	80-120			
Cadmium	46.0	0.50	mg/kg	50.0		92	80-120			
Chromium	46.3	1.0	mg/kg	50.0		93	80-120			
Cobalt	46.6	1.0	mg/kg	50.0		93	80-120			
Copper	48.5	2.0	mg/kg	50.0		97	80-120			
Lead	45.5	2.0	mg/kg	50.0		91	80-120			
Molybdenum	44.4	2.0	mg/kg	50.0		89	80-120			
Nickel	47.2	2.0	mg/kg	50.0		94	80-120			
Selenium	42.2	2.0	mg/kg	50.0		84	80-120			
Silver	24.5	1.0	mg/kg	25.0		98	80-120			
Thallium	46.2	10	mg/kg	50.0		92	80-120			
Vanadium	48.3	1.0	mg/kg	50.0		97	80-120			
Zinc	45.8	5.0	mg/kg	50.0		92	80-120			
Matrix Spike Analyzed: 11/15/2008 (8K14142-MS1)					**Source: IRK1017-01**					
Antimony	41.9	50	mg/kg	50.0	ND	84	75-125			
Arsenic	77.6	10	mg/kg	50.0	37.8	80	75-125			
Barium	240	5.0	mg/kg	50.0	244	-7	75-125			*MHA*
Beryllium	41.4	2.5	mg/kg	50.0	ND	83	75-125			
Cadmium	41.2	2.5	mg/kg	50.0	ND	82	75-125			
Chromium	65.9	5.0	mg/kg	50.0	33.2	65	75-125			*M2*
Cobalt	45.5	5.0	mg/kg	50.0	5.66	80	75-125			
Copper	85.1	10	mg/kg	50.0	56.1	58	75-125			*M2*
Lead	57.3	10	mg/kg	50.0	17.4	80	75-125			
Molybdenum	44.6	10	mg/kg	50.0	8.32	72	75-125			*M2*
Nickel	55.9	10	mg/kg	50.0	17.8	76	75-125			
Selenium	42.9	10	mg/kg	50.0	ND	86	75-125			
Silver	21.8	5.0	mg/kg	25.0	ND	87	75-125			
Thallium	39.2	50	mg/kg	50.0	ND	78	75-125			
Vanadium	78.6	5.0	mg/kg	50.0	45.7	66	75-125			*M2*
Zinc	478	25	mg/kg	50.0	511	-67	75-125			*MHA*

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14142 Extracted: 11/14/08										
Matrix Spike Dup Analyzed: 11/15/2008 (8K14142-MSD1)					**Source: IRK1017-01**					
Antimony	44.0	50	mg/kg	50.0	ND	88	75-125	5	20	
Arsenic	78.9	10	mg/kg	50.0	37.8	82	75-125	2	20	
Barium	240	5.0	mg/kg	50.0	244	-7	75-125	0	20	*MHA*
Beryllium	42.6	2.5	mg/kg	50.0	ND	85	75-125	3	20	
Cadmium	42.4	2.5	mg/kg	50.0	ND	85	75-125	3	20	
Chromium	68.9	5.0	mg/kg	50.0	33.2	71	75-125	4	20	*M2*
Cobalt	46.9	5.0	mg/kg	50.0	5.66	82	75-125	3	20	
Copper	87.3	10	mg/kg	50.0	56.1	62	75-125	3	20	*M2*
Lead	56.7	10	mg/kg	50.0	17.4	78	75-125	1	20	
Molybdenum	46.4	10	mg/kg	50.0	8.32	76	75-125	4	20	
Nickel	57.0	10	mg/kg	50.0	17.8	78	75-125	2	20	
Selenium	40.8	10	mg/kg	50.0	ND	82	75-125	5	20	
Silver	21.9	5.0	mg/kg	25.0	ND	87	75-125	0	20	
Thallium	40.7	50	mg/kg	50.0	ND	81	75-125	4	20	
Vanadium	81.6	5.0	mg/kg	50.0	45.7	72	75-125	4	20	*M2*
Zinc	498	25	mg/kg	50.0	511	-26	75-125	4	20	*MHA*
Batch: 8K16020 Extracted: 11/16/08										
Blank Analyzed: 11/17/2008 (8K16020-BLK1)										
Cadmium	ND	0.50	mg/kg							
Lead	ND	2.0	mg/kg							
LCS Analyzed: 11/17/2008 (8K16020-BS1)										
Cadmium	41.7	0.50	mg/kg	50.0		83	80-120			
Lead	43.3	2.0	mg/kg	50.0		87	80-120			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16020 Extracted: 11/16/08										
Matrix Spike Analyzed: 11/17/2008 (8K16020-MS1)					**Source: IRK1114-01**					
Cadmium	48.3	0.50	mg/kg	50.0	0.401	96	75-125			
Lead	56.6	2.0	mg/kg	50.0	14.5	84	75-125			
Matrix Spike Dup Analyzed: 11/17/2008 (8K16020-MSD1)					**Source: IRK1114-01**					
Cadmium	48.2	0.50	mg/kg	50.0	0.401	96	75-125	0	20	
Lead	53.8	2.0	mg/kg	50.0	14.5	79	75-125	5	20	

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TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13126 Extracted: 11/13/08										
Blank Analyzed: 11/13/2008 (8K13126-BLK1)										
Arsenic	ND	0.20	mg/l							
Barium	ND	0.20	mg/l							
Cadmium	ND	0.10	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.10	mg/l							
Silver	ND	0.20	mg/l							
LCS Analyzed: 11/13/2008 (8K13126-BS1)										
Arsenic	2.01	0.20	mg/l	2.00		101	80-120			
Barium	2.03	0.20	mg/l	2.00		101	80-120			
Cadmium	1.98	0.10	mg/l	2.00		99	80-120			
Chromium	1.91	0.10	mg/l	2.00		96	80-120			
Lead	1.93	0.10	mg/l	2.00		96	80-120			
Selenium	1.92	0.10	mg/l	2.00		96	80-120			
Silver	0.978	0.20	mg/l	1.00		98	80-120			
Matrix Spike Analyzed: 11/13/2008 (8K13126-MS1)					**Source: IRK0787-01**					
Arsenic	2.09	0.20	mg/l	2.00	ND	105	75-125			
Barium	2.06	0.20	mg/l	2.00	0.0616	100	75-125			
Cadmium	2.09	0.10	mg/l	2.00	0.103	99	75-125			
Chromium	1.97	0.10	mg/l	2.00	0.0546	96	75-125			
Lead	2.11	0.10	mg/l	2.00	0.190	96	75-125			
Selenium	1.90	0.10	mg/l	2.00	ND	95	75-125			
Silver	0.994	0.20	mg/l	1.00	ND	99	75-125			
Batch: 8K14073 Extracted: 11/14/08										
Blank Analyzed: 11/14/2008 (8K14073-BLK1)										
Mercury	ND	0.0020	mg/l							

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TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14073 Extracted: 11/14/08										
LCS Analyzed: 11/14/2008 (8K14073-BS1)										
Mercury	0.0816	0.0020	mg/l	0.0800		102	80-120			
Matrix Spike Analyzed: 11/14/2008 (8K14073-MS1)					**Source: IRK0787-01**					
Mercury	0.0806	0.0020	mg/l	0.0800	ND	101	70-130			
Matrix Spike Dup Analyzed: 11/14/2008 (8K14073-MSD1)					**Source: IRK0787-01**					
Mercury	0.0826	0.0020	mg/l	0.0800	ND	103	70-130	2	20	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13079 Extracted: 11/13/08										
Duplicate Analyzed: 11/13/2008 (8K13079-DUP1)					**Source: IRK0970-01**					
pH	3.75	0.100	pH Units		3.69			2	5	

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DATA QUALIFIERS AND DEFINITIONS

A-01	Matrix=Wood Shavings
A-01a	Only one VOA provided
A-01b	Sample result might be biased high due to coelution of Aroclors 1248,1254 and 1260.
A-01c	Sample result might be biased high due to coelution of Aroclors 1248,1254 and 1260. Data was reprocessed in a different way as the calibration. (4 peaks were used in the primary column and 4 peaks in the confirmation column).
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
P-HS	Sample container contained headspace.
R-7	LFB/LFBD RPD exceeded the acceptance limit. Recovery met acceptance criteria.
RL1	Reporting limit raised due to sample matrix effects.
RL4	Reporting limit raised due to insufficient sample volume.
T5	Less than the prescribed sample amount was available to perform the leachate extraction. The volume of extraction fluid was adjusted proportionately based on the method prescribed ratio of extraction fluid to sample weight.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
Z5	Due to sample matrix effects, the surrogate recovery was outside acceptance limits. Secondary surrogate recovery was within the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/05/08-11/06/08
San Diego, CA 92108	Report Number:	IRK0811	Received: 11/07/08
Attention: George Cebula			

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
6010B-TCLP	Solid	X	X
7470A-TCLP	Solid	X	X
8260B-TCLP	Solid	X	X
EPA 1311-Met	Solid	X	X
EPA 1311-SV	Solid	X	X
EPA 1311-ZHE	Solid	X	X
EPA 3545/8082	Wipe	X	X
EPA 6010B	Solid	X	X
EPA 7471A	Solid	X	X
EPA 8082	Solid	X	X
EPA 8260B	Solid	X	X
EPA 8260B	Water	X	X
EPA 8270C	Solid	X	X
EPA 9045C	Solid	X	X
SW846 7.1.2	Solid		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

IRK0811

TAL-0013(1007)

Client Name/Address: ARCADIS
9095 Rio San Diego Dr. Ste 240
San Diego, CA 92108

Project/PO Number: B0031045.0003
GE 14th St

Project Manager: George Cebula

Phone Number: (619) - 291-7800 x24

Sampler: D. Wesselhoft

Fax Number: (619) - 291 - 5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	RCRA Total Metals Cadmium 6010	TCLP metals 1311/6010/7470	TCLP VOCs 1311/8260	TCLP SVOCs 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC metals, VOCs, SVOCs	Total VOCs	Special Instructions
B2-WC-PLC-008	B	4 oz glass	1	11/5/08	1550	NONE		X								
B2-SS-PP-009	B	4 oz glass	1	11/5/08	1555	NONE	X									
B17-WC-CP-006	B	4 oz glass	1	11/6/08	0926	NONE	X									
B17-SP-WP-005	wipe	4 oz glass	1	11/6/08	0914	Hexane	X									
B17-WC-CHWP-007	B	4 oz glass 4 oz glass	4	11/6/08	1038	NONE	X	~~X~~	X	X	X	X	X	X		
B17-WS-CHWP-008	B	4 oz glass 4 oz glass	4	11/6/08	1117	NONE	X		X	X	X	X	X	X		
B17-WS-CP-009	B	4 oz glass	1	11/6/08	1354	NONE	X									
B8-HV-WP-004	wipe	4 oz glass	1	11/6/08	1501	Hexane	X									
Trip Blank 11/6/08	W	40 ml VOA	1	11/6/08	0926	HCl									X	
~~B8-WC-CHWP-005~~	~~B~~	~~4 oz glass 4 oz glass~~	~~4~~	~~11/6/08~~		~~NONE~~	~~X~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		

0.0 11/11/08 6.2

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	11/6/08 1525	[signature]	11-6-08 15:25
[signature]	11-6-08 15:45		
		Received in Lab By: [signature]	11/07/08 10:30

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ____

Sample Integrity: (Check)
intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

6.3/5.5

#021

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

TAL-0013(1007)

IRK0811

Page 1 of 1

Client Name/Address: ARCADIS
9095 Rio San Diego Dr. Ste 240
San Diego, CA 92108

Project/PO Number: B0031045.0003
GE 14th St

Project Manager: George Cebulia

Phone Number: (619) - 291 - 7800 x 24

Sampler: D. Wesselhoft

Fax Number: (619) - 291 - 5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	RCRA Metals (Lead)	Total Metals Cadmium 6010	TCLP metals 1311/6010/7470	TCLP VOCs 1311/8260	TCLP SVOCs 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC metals, VOCs, SVOCs	Total VOCs	Special Instructions
B2-WC-PLC-008	B	4 oz glass	1	11/5/08	1550	NONE		X									
B2-SS-PP-009	B	4 oz glass	1	11/5/08	1555	NONE	X										
B17-WC-CP-006	B	4 oz glass	1	11/6/08	0926	NONE	X										
B17-SP-WP-005	WIPE	4 oz glass	1	11/6/08	0914	Hexane	X										
B17-WC-CHWP-007	B	4 oz glass 4 oz glass	4	11/6/08	1038	NONE	X	X	X	X	X	X	X	X			
B17-WS-CHWP-008	B	4 oz glass 4 oz glass	4	11/6/08	1117	NONE	X		X	X	X	X	X	X			
B17-WS-CP-009	B	4 oz glass	1	11/6/08	1354	NONE	X										
~~B8-HV-WP-004~~	~~wipe~~	~~4 oz glass~~	~~1~~	~~11/6/08~~	~~1501~~	~~Hexane~~	~~X~~										
TRIP BLANK 11/6/08	W	40 ml VOA	1	11/6/08	0926	HCl										X	
~~B8-WC-CHWP-005~~	~~B~~	~~4 oz glass 4 oz glass~~	~~4~~	~~11/6/08~~		~~NONE~~	~~X~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~			

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	11/6/08 1525	Gerald Naylor	11-6-08 15:25
Gerald Naylor	11-6-08 15:45		

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ____

Received in Lab By: Van Bank Date/Time: 11/07/08 10:30

Sample Integrity: (Check)
intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CG 6.3/5.5

#021

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.003

Sampled: 11/06/08-11/07/08
Received: 11/08/08
Issued: 11/19/08 17:49

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRK0970-01	B8-WC-CHWP-005	Solid
IRK0970-02	B8-CF-CP-006	Solid
IRK0970-03	B8-CF-CP-006 DUP	Solid
IRK0970-04	B8-HV-WP-004	Wipe
IRK0970-05	Trip Blank 11/7/08	Water
IRK0970-06	B8-WW-CP-007	Solid
IRK0970-07	B2-WC-CP-010	Solid
IRK0970-08	B2-WC-CP-011	Solid
IRK0970-09	B2-WC-CHWP-012	Solid
IRK0970-10	B2-SW-CP-013	Solid
IRK0970-11	1BH-WC-CP-012	Solid
IRK0970-12	1BH-WC-CHWP-013	Solid
IRK0970-13	1BH-WC-CP-014	Solid
IRK0970-14	Equip Blank-WDB-001	Water

Reviewed By:

TestAmerica Irvine

Sushmitha Reddy
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)					**Sampled: 11/07/08**			**A-01, RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Bromobenzene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	L
Bromochloromethane	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
Bromodichloromethane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Bromoform	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
Bromomethane	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
n-Butylbenzene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
tert-Butylbenzene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
sec-Butylbenzene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
Carbon tetrachloride	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Chlorobenzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Chloroethane	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
Chloroform	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Chloromethane	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
4-Chlorotoluene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
2-Chlorotoluene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
Dibromochloromethane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Dibromomethane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,2-Dichlorobenzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,3-Dichlorobenzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,4-Dichlorobenzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Dichlorodifluoromethane	EPA 8260B	8K12015	1800	ND	901	11/12/2008	11/13/2008	
1,1-Dichloroethane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,2-Dichloroethane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,1-Dichloroethene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,3-Dichloropropane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
2,2-Dichloropropane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,2-Dichloropropane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,1-Dichloropropene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Ethylbenzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Hexachlorobutadiene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
Isopropylbenzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
p-Isopropyltoluene	EPA 8260B	8K12015	900	**3200**	901	11/12/2008	11/13/2008	
Methylene chloride	EPA 8260B	8K12015	9000	ND	901	11/12/2008	11/13/2008	
Naphthalene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid) - cont.					**Sampled: 11/07/08**			**A-01, RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Styrene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Tetrachloroethene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Toluene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
1,1,1-Trichloroethane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,1,2-Trichloroethane	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Trichloroethene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Trichlorofluoromethane	EPA 8260B	8K12015	2300	ND	901	11/12/2008	11/13/2008	
1,2,3-Trichloropropane	EPA 8260B	8K12015	4500	ND	901	11/12/2008	11/13/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Vinyl chloride	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
m,p-Xylenes	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
o-Xylene	EPA 8260B	8K12015	900	ND	901	11/12/2008	11/13/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*89 %*				
Surrogate: Dibromofluoromethane (55-140%)				*89 %*				
Surrogate: Toluene-d8 (60-140%)				*94 %*				

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-05 (Trip Blank 11/7/08 - Water)					**Sampled: 11/07/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Bromobenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Bromochloromethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Bromodichloromethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Bromoform	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Bromomethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
n-Butylbenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
tert-Butylbenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
sec-Butylbenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Carbon tetrachloride	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	L
Chlorobenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Chloroethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Chloroform	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Chloromethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
4-Chlorotoluene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
2-Chlorotoluene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Dibromochloromethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Dibromomethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichlorobenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,3-Dichlorobenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,4-Dichlorobenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Dichlorodifluoromethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloroethene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,3-Dichloropropane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
2,2-Dichloropropane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	L
1,2-Dichloropropane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloropropene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Ethylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Hexachlorobutadiene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Isopropylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
p-Isopropyltoluene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Methylene chloride	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Naphthalene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-05 (Trip Blank 11/7/08 - Water) - cont.					**Sampled: 11/07/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Styrene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Tetrachloroethene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Toluene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,1,1-Trichloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,1,2-Trichloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Trichloroethene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Trichlorofluoromethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,2,3-Trichloropropane	EPA 8260B	8K16019	10	ND	1	11/16/2008	11/16/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Vinyl chloride	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
m,p-Xylenes	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
o-Xylene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*85 %*				
Surrogate: Dibromofluoromethane (80-120%)				*89 %*				
Surrogate: Toluene-d8 (80-120%)				*87 %*				

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Received: 11/08/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)					**Sampled: 11/07/08**			**A-01, RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	L
Bromochloromethane	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	1000	ND	498	11/17/2008	11/18/2008	C
1,1-Dichloroethane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	L
p-Isopropyltoluene	EPA 8260B	8K17014	500	**18000**	498	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	5000	ND	498	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid) - cont.					**Sampled: 11/07/08**			**A-01, RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	1200	ND	498	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	2500	ND	498	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	500	ND	498	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*112 %*				
Surrogate: Dibromofluoromethane (55-140%)				*120 %*				
Surrogate: Toluene-d8 (60-140%)				*117 %*				

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

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Received: 11/08/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)					**Sampled: 11/07/08**			**A-01, RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	L
Bromochloromethane	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	990	ND	493	11/17/2008	11/18/2008	C
1,1-Dichloroethane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	L
p-Isopropyltoluene	EPA 8260B	8K17014	490	**13000**	493	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	4900	ND	493	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	1200	**1300**	493	11/17/2008	11/18/2008	

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Received: 11/08/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid) - cont.					**Sampled: 11/07/08**			**A-01, RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	490	**520**	493	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	1200	**1400**	493	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	1200	ND	493	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	2500	ND	493	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	490	**730**	493	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	490	ND	493	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	490	**2100**	493	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	490	**690**	493	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*115 %*				
Surrogate: Dibromofluoromethane (55-140%)				*121 %*				
Surrogate: Toluene-d8 (60-140%)				*122 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-14 (Equip Blank-WDB-001 - Water)					**Sampled: 11/07/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Bromobenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Bromochloromethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Bromodichloromethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Bromoform	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Bromomethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
n-Butylbenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
tert-Butylbenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
sec-Butylbenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Carbon tetrachloride	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	L
Chlorobenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Chloroethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Chloroform	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Chloromethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
4-Chlorotoluene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
2-Chlorotoluene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Dibromochloromethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Dibromomethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichlorobenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,3-Dichlorobenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,4-Dichlorobenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Dichlorodifluoromethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloroethene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,3-Dichloropropane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
2,2-Dichloropropane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	L
1,2-Dichloropropane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloropropene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Ethylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Hexachlorobutadiene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Isopropylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
p-Isopropyltoluene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Methylene chloride	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
Naphthalene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-14 (Equip Blank-WDB-001 - Water) - cont.					**Sampled: 11/07/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Styrene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Tetrachloroethene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Toluene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,1,1-Trichloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,1,2-Trichloroethane	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Trichloroethene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Trichlorofluoromethane	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
1,2,3-Trichloropropane	EPA 8260B	8K16019	10	ND	1	11/16/2008	11/16/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Vinyl chloride	EPA 8260B	8K16019	5.0	ND	1	11/16/2008	11/16/2008	
m,p-Xylenes	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
o-Xylene	EPA 8260B	8K16019	2.0	ND	1	11/16/2008	11/16/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*87 %*				
Surrogate: Dibromofluoromethane (80-120%)				*91 %*				
Surrogate: Toluene-d8 (80-120%)				*87 %*				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-14 (Equip Blank-WDB-001 - Water)					**Sampled: 11/07/08**			
Reporting Units: ug/l								
Acenaphthene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Acenaphthylene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Aniline	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Anthracene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Benzidine	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Benzo(a)anthracene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Benzo(a)pyrene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Benzo(b)fluoranthene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Benzo(k)fluoranthene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Benzoic acid	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Benzyl alcohol	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Butyl benzyl phthalate	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
4-Chloroaniline	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
2-Chloronaphthalene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
2-Chlorophenol	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Chrysene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Dibenzofuran	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Di-n-butyl phthalate	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
1,2-Dichlorobenzene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
1,3-Dichlorobenzene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
1,4-Dichlorobenzene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
2,4-Dichlorophenol	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Diethyl phthalate	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
2,4-Dimethylphenol	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Dimethyl phthalate	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
2,4-Dinitrophenol	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
2,4-Dinitrotoluene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
2,6-Dinitrotoluene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Di-n-octyl phthalate	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K12065	50	ND	1	11/12/2008	11/14/2008	

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

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Received: 11/08/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Sample ID: IRK0970-14 (Equip Blank-WDB-001 - Water) - cont. **Sampled: 11/07/08**

Reporting Units: ug/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Fluoranthene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Fluorene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Hexachlorobenzene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Hexachlorobutadiene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Hexachloroethane	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Isophorone	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
2-Methylnaphthalene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
2-Methylphenol	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
4-Methylphenol	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Naphthalene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
2-Nitroaniline	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
3-Nitroaniline	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
4-Nitroaniline	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Nitrobenzene	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
2-Nitrophenol	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
4-Nitrophenol	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Pentachlorophenol	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Phenanthrene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Phenol	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
Pyrene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K12065	10	ND	1	11/12/2008	11/14/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K12065	20	ND	1	11/12/2008	11/14/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*83 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*83 %*				
Surrogate: 2-Fluorophenol (30-120%)				*64 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*74 %*				
Surrogate: Phenol-d6 (35-120%)				*69 %*				
Surrogate: Terphenyl-d14 (50-125%)				*95 %*				

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Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)					**Sampled: 11/07/08**			
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Acenaphthylene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Aniline	EPA 8270C	8K11036	2100	ND	4.98	11/11/2008	11/11/2008	
Anthracene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Benzidine	EPA 8270C	8K11036	3300	ND	4.98	11/11/2008	11/11/2008	
Benzo(a)anthracene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Benzo(a)pyrene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Benzo(b)fluoranthene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Benzo(k)fluoranthene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Benzoic acid	EPA 8270C	8K11036	4200	ND	4.98	11/11/2008	11/11/2008	
Benzyl alcohol	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Butyl benzyl phthalate	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
4-Chloroaniline	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K11036	830	ND	4.98	11/11/2008	11/11/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2-Chloronaphthalene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2-Chlorophenol	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Chrysene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K11036	2100	ND	4.98	11/11/2008	11/11/2008	
Dibenzofuran	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Di-n-butyl phthalate	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
1,2-Dichlorobenzene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
1,3-Dichlorobenzene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
1,4-Dichlorobenzene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K11036	4200	ND	4.98	11/11/2008	11/11/2008	
2,4-Dichlorophenol	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Diethyl phthalate	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2,4-Dimethylphenol	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Dimethyl phthalate	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K11036	2100	ND	4.98	11/11/2008	11/11/2008	
2,4-Dinitrophenol	EPA 8270C	8K11036	3300	ND	4.98	11/11/2008	11/11/2008	
2,4-Dinitrotoluene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2,6-Dinitrotoluene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Di-n-octyl phthalate	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	

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Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid) - cont.					**Sampled: 11/07/08**			
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Fluorene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Hexachlorobenzene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Hexachlorobutadiene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K11036	4200	ND	4.98	11/11/2008	11/11/2008	
Hexachloroethane	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Isophorone	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2-Methylnaphthalene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2-Methylphenol	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
4-Methylphenol	EPA 8270C	8K11036	1700	**22000**	4.98	11/11/2008	11/11/2008	
Naphthalene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2-Nitroaniline	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
3-Nitroaniline	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
4-Nitroaniline	EPA 8270C	8K11036	4200	ND	4.98	11/11/2008	11/11/2008	
Nitrobenzene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2-Nitrophenol	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
4-Nitrophenol	EPA 8270C	8K11036	4200	ND	4.98	11/11/2008	11/11/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K11036	1200	ND	4.98	11/11/2008	11/11/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Pentachlorophenol	EPA 8270C	8K11036	4200	ND	4.98	11/11/2008	11/11/2008	
Phenanthrene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Phenol	EPA 8270C	8K11036	1700	**4400**	4.98	11/11/2008	11/11/2008	
Pyrene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K11036	1700	ND	4.98	11/11/2008	11/11/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*86 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*77 %*				
Surrogate: 2-Fluorophenol (25-120%)				*66 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*69 %*				
Surrogate: Phenol-d6 (35-120%)				*72 %*				
Surrogate: Terphenyl-d14 (40-135%)				*101 %*				

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)					**Sampled: 11/07/08**			
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Acenaphthylene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Aniline	EPA 8270C	8K11036	2100	ND	4.97	11/11/2008	11/11/2008	M2
Anthracene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Benzidine	EPA 8270C	8K11036	3300	ND	4.97	11/11/2008	11/11/2008	M2
Benzo(a)anthracene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Benzo(a)pyrene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Benzo(b)fluoranthene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	M1
Benzo(g,h,i)perylene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Benzo(k)fluoranthene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Benzoic acid	EPA 8270C	8K11036	4100	ND	4.97	11/11/2008	11/11/2008	
Benzyl alcohol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Butyl benzyl phthalate	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
4-Chloroaniline	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	M2
Bis(2-chloroethoxy)methane	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K11036	830	ND	4.97	11/11/2008	11/11/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2-Chloronaphthalene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2-Chlorophenol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Chrysene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K11036	2100	ND	4.97	11/11/2008	11/11/2008	
Dibenzofuran	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Di-n-butyl phthalate	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
1,2-Dichlorobenzene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
1,3-Dichlorobenzene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
1,4-Dichlorobenzene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K11036	4100	ND	4.97	11/11/2008	11/11/2008	M2
2,4-Dichlorophenol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Diethyl phthalate	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2,4-Dimethylphenol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Dimethyl phthalate	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K11036	2100	ND	4.97	11/11/2008	11/11/2008	
2,4-Dinitrophenol	EPA 8270C	8K11036	3300	ND	4.97	11/11/2008	11/11/2008	
2,4-Dinitrotoluene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2,6-Dinitrotoluene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Di-n-octyl phthalate	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	

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B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid) - cont.					**Sampled: 11/07/08**			
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Fluorene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Hexachlorobenzene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Hexachlorobutadiene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K11036	4100	ND	4.97	11/11/2008	11/11/2008	
Hexachloroethane	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Isophorone	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2-Methylnaphthalene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2-Methylphenol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
4-Methylphenol	EPA 8270C	8K11036	1700	**21000**	4.97	11/11/2008	11/11/2008	
Naphthalene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2-Nitroaniline	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
3-Nitroaniline	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
4-Nitroaniline	EPA 8270C	8K11036	4100	ND	4.97	11/11/2008	11/11/2008	M2
Nitrobenzene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2-Nitrophenol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
4-Nitrophenol	EPA 8270C	8K11036	4100	ND	4.97	11/11/2008	11/11/2008	M2
N-Nitroso-di-n-propylamine	EPA 8270C	8K11036	1200	ND	4.97	11/11/2008	11/11/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Pentachlorophenol	EPA 8270C	8K11036	4100	ND	4.97	11/11/2008	11/11/2008	
Phenanthrene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Phenol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Pyrene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K11036	1700	ND	4.97	11/11/2008	11/11/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*89 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*81 %*				
Surrogate: 2-Fluorophenol (25-120%)				*71 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*74 %*				
Surrogate: Phenol-d6 (35-120%)				*77 %*				
Surrogate: Terphenyl-d14 (40-135%)				*100 %*				

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Received: 11/08/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)					**Sampled: 11/07/08**			
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Acenaphthylene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Aniline	EPA 8270C	8K11036	4200	ND	10	11/11/2008	11/11/2008	
Anthracene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Benzidine	EPA 8270C	8K11036	6600	ND	10	11/11/2008	11/11/2008	
Benzo(a)anthracene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Benzo(a)pyrene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Benzo(b)fluoranthene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Benzo(k)fluoranthene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Benzoic acid	EPA 8270C	8K11036	8300	ND	10	11/11/2008	11/11/2008	
Benzyl alcohol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Butyl benzyl phthalate	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
4-Chloroaniline	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K11036	1700	ND	10	11/11/2008	11/11/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2-Chloronaphthalene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2-Chlorophenol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Chrysene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K11036	4200	ND	10	11/11/2008	11/11/2008	
Dibenzofuran	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Di-n-butyl phthalate	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
1,2-Dichlorobenzene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
1,3-Dichlorobenzene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
1,4-Dichlorobenzene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K11036	8300	ND	10	11/11/2008	11/11/2008	
2,4-Dichlorophenol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Diethyl phthalate	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2,4-Dimethylphenol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Dimethyl phthalate	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K11036	4200	ND	10	11/11/2008	11/11/2008	
2,4-Dinitrophenol	EPA 8270C	8K11036	6600	ND	10	11/11/2008	11/11/2008	
2,4-Dinitrotoluene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2,6-Dinitrotoluene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Di-n-octyl phthalate	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	

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Sampled: 11/06/08-11/07/08
Received: 11/08/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid) - cont.					**Sampled: 11/07/08**			
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Fluorene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Hexachlorobenzene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Hexachlorobutadiene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K11036	8300	ND	10	11/11/2008	11/11/2008	
Hexachloroethane	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Isophorone	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2-Methylnaphthalene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2-Methylphenol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
4-Methylphenol	EPA 8270C	8K11036	3300	**51000**	10	11/11/2008	11/11/2008	
Naphthalene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2-Nitroaniline	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
3-Nitroaniline	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
4-Nitroaniline	EPA 8270C	8K11036	8300	ND	10	11/11/2008	11/11/2008	
Nitrobenzene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2-Nitrophenol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
4-Nitrophenol	EPA 8270C	8K11036	8300	ND	10	11/11/2008	11/11/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K11036	2500	ND	10	11/11/2008	11/11/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Pentachlorophenol	EPA 8270C	8K11036	8300	ND	10	11/11/2008	11/11/2008	
Phenanthrene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Phenol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Pyrene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K11036	3300	ND	10	11/11/2008	11/11/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*92 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*81 %*				
Surrogate: 2-Fluorophenol (25-120%)				*67 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*71 %*				
Surrogate: Phenol-d6 (35-120%)				*70 %*				
Surrogate: Terphenyl-d14 (40-135%)				*124 %*				

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-14 (Equip Blank-WDB-001 - Water)					**Sampled: 11/07/08**			
Reporting Units: ug/l								
Aroclor 1016	EPA 8082	8K11084	0.98	ND	0.98	11/11/2008	11/14/2008	
Aroclor 1221	EPA 8082	8K11084	0.98	ND	0.98	11/11/2008	11/14/2008	
Aroclor 1232	EPA 8082	8K11084	0.98	ND	0.98	11/11/2008	11/14/2008	
Aroclor 1242	EPA 8082	8K11084	0.98	ND	0.98	11/11/2008	11/14/2008	
Aroclor 1248	EPA 8082	8K11084	0.98	ND	0.98	11/11/2008	11/14/2008	
Aroclor 1254	EPA 8082	8K11084	0.98	ND	0.98	11/11/2008	11/14/2008	
Aroclor 1260	EPA 8082	8K11084	0.98	ND	0.98	11/11/2008	11/14/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*84 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	600	ND	12	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	600	ND	12	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	600	ND	12	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	600	ND	12	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	600	ND	12	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	600	ND	12	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	600	ND	12	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*66 %*				
Sample ID: IRK0970-02 (B8-CF-CP-006 - Solid)					**Sampled: 11/06/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	50	ND	1	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*70 %*				
Sample ID: IRK0970-03 (B8-CF-CP-006 DUP - Solid)					**Sampled: 11/06/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	50	ND	0.999	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*62 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-04 (B8-HV-WP-004 - Wipe)					**Sampled: 11/06/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1221	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1232	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1242	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1248	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1254	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1260	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				
Sample ID: IRK0970-06 (B8-WW-CP-007 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	500	ND	10	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	500	ND	10	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	500	ND	10	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	500	ND	10	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	500	ND	10	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	500	ND	10	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	500	ND	10	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*78 %*				
Sample ID: IRK0970-07 (B2-WC-CP-010 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	610	ND	12.3	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	610	ND	12.3	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	610	ND	12.3	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	610	ND	12.3	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	610	ND	12.3	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	610	ND	12.3	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	610	ND	12.3	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*66 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-08 (B2-WC-CP-011 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*80 %*				
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*80 %*				
Sample ID: IRK0970-10 (B2-SW-CP-013 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	150	ND	3	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	150	ND	3	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	150	ND	3	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	150	ND	3	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	150	ND	3	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	150	ND	3	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	150	ND	3	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*63 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-11 (1BH-WC-CP-012 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*64 %*				
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	620	ND	12.5	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	620	**870**	12.5	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*73 %*				
Sample ID: IRK0970-13 (1BH-WC-CP-014 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13043	680	ND	13.6	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13043	680	**750**	13.6	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*65 %*				

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)					**Sampled: 11/07/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K11106	0.020	ND	1	11/11/2008	11/11/2008	
Antimony	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Arsenic	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Barium	EPA 6010B	8K14142	1.0	**5.5**	1	11/14/2008	11/17/2008	
Beryllium	EPA 6010B	8K14142	0.50	ND	1	11/14/2008	11/17/2008	
Cadmium	EPA 6010B	8K14142	0.50	ND	1	11/14/2008	11/17/2008	
Chromium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Cobalt	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Copper	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Lead	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Molybdenum	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Nickel	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Selenium	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Silver	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Thallium	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Vanadium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Zinc	EPA 6010B	8K14142	5.0	ND	1	11/14/2008	11/17/2008	
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)					**Sampled: 11/07/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K11106	0.020	ND	1	11/11/2008	11/11/2008	
Antimony	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Arsenic	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Barium	EPA 6010B	8K14142	1.0	**620**	1	11/14/2008	11/17/2008	
Beryllium	EPA 6010B	8K14142	0.50	ND	1	11/14/2008	11/17/2008	
Cadmium	EPA 6010B	8K14142	0.50	ND	1	11/14/2008	11/17/2008	
Chromium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Cobalt	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Copper	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Lead	EPA 6010B	8K14142	2.0	**3.2**	1	11/14/2008	11/17/2008	
Molybdenum	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Nickel	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Selenium	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Silver	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Thallium	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Vanadium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Zinc	EPA 6010B	8K14142	5.0	**180**	1	11/14/2008	11/17/2008	

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)					**Sampled: 11/07/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K11106	0.020	ND	1	11/11/2008	11/11/2008	
Antimony	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Arsenic	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Barium	EPA 6010B	8K14142	1.0	**740**	1	11/14/2008	11/17/2008	
Beryllium	EPA 6010B	8K14142	0.50	ND	1	11/14/2008	11/17/2008	
Cadmium	EPA 6010B	8K14142	0.50	**0.74**	1	11/14/2008	11/17/2008	
Chromium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Cobalt	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Copper	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Lead	EPA 6010B	8K14142	2.0	**17**	1	11/14/2008	11/17/2008	
Molybdenum	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Nickel	EPA 6010B	8K14142	2.0	**2.8**	1	11/14/2008	11/17/2008	
Selenium	EPA 6010B	8K14142	2.0	ND	1	11/14/2008	11/17/2008	
Silver	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Thallium	EPA 6010B	8K14142	10	ND	1	11/14/2008	11/17/2008	
Vanadium	EPA 6010B	8K14142	1.0	ND	1	11/14/2008	11/17/2008	
Zinc	EPA 6010B	8K14142	5.0	**380**	1	11/14/2008	11/17/2008	
Sample ID: IRK0970-14 (Equip Blank-WDB-001 - Water)					**Sampled: 11/07/08**			
Reporting Units: mg/l								
Mercury	EPA 7470A	8K18119	0.00020	ND	1	11/18/2008	11/18/2008	
Antimony	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Arsenic	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Barium	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Beryllium	EPA 6010B	8K17077	0.0040	ND	1	11/17/2008	11/18/2008	
Cadmium	EPA 6010B	8K17077	0.0050	ND	1	11/17/2008	11/18/2008	
Chromium	EPA 6010B	8K17077	0.0050	ND	1	11/17/2008	11/18/2008	
Cobalt	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Copper	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Lead	EPA 6010B	8K17077	0.0050	ND	1	11/17/2008	11/18/2008	
Molybdenum	EPA 6010B	8K17077	0.020	ND	1	11/17/2008	11/18/2008	
Nickel	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Selenium	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Silver	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Thallium	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Vanadium	EPA 6010B	8K17077	0.010	ND	1	11/17/2008	11/18/2008	
Zinc	EPA 6010B	8K17077	0.020	ND	1	11/17/2008	11/18/2008	

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Sushmitha Reddy
Project Manager

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)					**Sampled: 11/07/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)					**Sampled: 11/07/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13079	0.100	**3.69**	1	11/13/2008	11/13/2008	
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)					**Sampled: 11/07/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)					**Sampled: 11/07/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13079	0.100	**3.43**	1	11/13/2008	11/13/2008	
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)					**Sampled: 11/07/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)					**Sampled: 11/07/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13079	0.100	**3.27**	1	11/13/2008	11/13/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid) **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Aniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzidine	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Chrysene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	7.5	11/15/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid) - cont. **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	0.25	ND	1	NA	11/15/2008	11/18/2008	
Fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Fluorene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.050	ND	1	0.5	11/15/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K15039	0.050	ND	1	3.0	11/15/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Isophorone	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K15039	0.050	**1.2**	1	NA	11/15/2008	11/18/2008	
Naphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K15039	0.20	ND	1	2.0	11/15/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K15039	0.20	ND	1	100.0	11/15/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Phenol	EPA 8270C	8K15039	0.050	**0.15**	1	NA	11/15/2008	11/18/2008	
Pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	400.0	11/15/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	2.0	11/15/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*78 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*72 %*					
Surrogate: 2-Fluorophenol (35-120%)				*52 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid) - cont.					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Surrogate: Nitrobenzene-d5 (40-120%)				*73 %*					
Surrogate: Phenol-d6 (45-120%)				*63 %*					
Surrogate: Terphenyl-d14 (45-135%)				*80 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid) **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Acenaphthylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Aniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzidine	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	M2
Benzo(a)anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzoic acid	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	M2
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Chrysene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dibenzofuran	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	7.5	11/15/2008	11/17/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	M2
2,4-Dichlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid) - cont. **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	0.25	ND	1	NA	11/15/2008	11/17/2008	
Fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Fluorene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.050	ND	1	0.5	11/15/2008	11/17/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
Hexachloroethane	EPA 8270C	8K15039	0.050	ND	1	3.0	11/15/2008	11/17/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Isophorone	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Methylphenol	EPA 8270C	8K15039	0.050	**1.1**	1	NA	11/15/2008	11/17/2008	M-3
Naphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	M2
4-Nitroaniline	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	M2
Nitrobenzene	EPA 8270C	8K15039	0.20	ND	1	2.0	11/15/2008	11/17/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Nitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pentachlorophenol	EPA 8270C	8K15039	0.20	ND	1	100.0	11/15/2008	11/17/2008	
Phenanthrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Phenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	400.0	11/15/2008	11/17/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	2.0	11/15/2008	11/17/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*83 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*72 %*					

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Report Number: IRK0970

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Received: 11/08/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid) - cont.					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*57 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*77 %*					
Surrogate: Phenol-d6 (45-120%)				*66 %*					
Surrogate: Terphenyl-d14 (45-135%)				*79 %*					

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Received: 11/08/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid) **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Acenaphthylene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Aniline	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Anthracene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Benzidine	EPA 8270C	8K15039	1.2	ND	2.5	NA	11/15/2008	11/19/2008	
Benzo(a)anthracene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Benzoic acid	EPA 8270C	8K15039	1.2	ND	2.5	NA	11/15/2008	11/19/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Chrysene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
Dibenzofuran	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.12	ND	2.5	7.5	11/15/2008	11/19/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	0.50	ND	2.5	NA	11/15/2008	11/19/2008	
2,4-Dichlorophenol	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	0.50	ND	2.5	NA	11/15/2008	11/19/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid) - cont. **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	1.2	ND	2.5	NA	11/15/2008	11/19/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.12	ND	2.5	0.13	11/15/2008	11/19/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	0.50	ND	2.5	NA	11/15/2008	11/19/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	0.62	ND	2.5	NA	11/15/2008	11/19/2008	
Fluoranthene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Fluorene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.12	ND	2.5	0.13	11/15/2008	11/19/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.12	ND	2.5	0.5	11/15/2008	11/19/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	0.50	ND	2.5	NA	11/15/2008	11/19/2008	
Hexachloroethane	EPA 8270C	8K15039	0.12	ND	2.5	3.0	11/15/2008	11/19/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
Isophorone	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
2-Methylphenol	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
4-Methylphenol	EPA 8270C	8K15039	0.12	**2.1**	2.5	NA	11/15/2008	11/19/2008	
Naphthalene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
4-Nitroaniline	EPA 8270C	8K15039	1.2	ND	2.5	NA	11/15/2008	11/19/2008	
Nitrobenzene	EPA 8270C	8K15039	0.50	ND	2.5	2.0	11/15/2008	11/19/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
4-Nitrophenol	EPA 8270C	8K15039	1.2	ND	2.5	NA	11/15/2008	11/19/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.25	ND	2.5	NA	11/15/2008	11/19/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Pentachlorophenol	EPA 8270C	8K15039	0.50	ND	2.5	100.0	11/15/2008	11/19/2008	
Phenanthrene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Phenol	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
Pyrene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.12	ND	2.5	NA	11/15/2008	11/19/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.25	ND	2.5	400.0	11/15/2008	11/19/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.25	ND	2.5	2.0	11/15/2008	11/19/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*85 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*65 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid) - cont.					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*51 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*76 %*					
Surrogate: Phenol-d6 (45-120%)				*62 %*					
Surrogate: Terphenyl-d14 (45-135%)				*74 %*					

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/15/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	M1
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/15/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/15/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/15/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/15/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	L, M7
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid) - cont. **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Naphthalene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/15/2008	
Toluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/15/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*					
Surrogate: Dibromofluoromethane (80-120%)				*89 %*					
Surrogate: Toluene-d8 (80-120%)				*89 %*					

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid) **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/15/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/15/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/15/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/15/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/15/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid) - cont. **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	**0.034**	1	NA	11/13/2008	11/15/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Naphthalene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/15/2008	
Toluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/15/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*87 %*					
Surrogate: Dibromofluoromethane (80-120%)				*85 %*					
Surrogate: Toluene-d8 (80-120%)				*87 %*					

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid) **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/15/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/15/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/15/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/15/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/15/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	

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Project ID: Oakland
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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid) - cont. **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	**0.025**	1	NA	11/13/2008	11/15/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Naphthalene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/15/2008	
Toluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/15/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*					
Surrogate: Dibromofluoromethane (80-120%)				*91 %*					
Surrogate: Toluene-d8 (80-120%)				*90 %*					

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	ND	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	ND	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	ND	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	

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TCLP EXTRACTION - Zero Headspace (ZHE)

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	

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TCLP EXTRACTION - Semi Volatiles

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	

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TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK0970-01 (B8-WC-CHWP-005 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	
Sample ID: IRK0970-09 (B2-WC-CHWP-012 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	
Sample ID: IRK0970-12 (1BH-WC-CHWP-013 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12015 Extracted: 11/12/08										
Blank Analyzed: 11/12/2008 (8K12015-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	100	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12015 Extracted: 11/12/08										
Blank Analyzed: 11/12/2008 (8K12015-BLK1)										
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2510*		*ug/kg*	*2500*		*100*	*65-140*			
Surrogate: Dibromofluoromethane	*2320*		*ug/kg*	*2500*		*93*	*55-140*			
Surrogate: Toluene-d8	*2480*		*ug/kg*	*2500*		*99*	*60-140*			
LCS Analyzed: 11/13/2008 (8K12015-BS1)										**MNR1**
Benzene	2710	100	ug/kg	2500		108	65-120			
Bromobenzene	3190	250	ug/kg	2500		128	70-120			*L*
Bromochloromethane	2900	250	ug/kg	2500		116	65-125			
Bromodichloromethane	3080	100	ug/kg	2500		123	65-135			
Bromoform	2560	250	ug/kg	2500		103	50-130			
Bromomethane	2200	250	ug/kg	2500		88	30-140			
n-Butylbenzene	2900	250	ug/kg	2500		116	70-130			
tert-Butylbenzene	2910	250	ug/kg	2500		117	70-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12015 Extracted: 11/12/08										
LCS Analyzed: 11/13/2008 (8K12015-BS1)										**MNR1**
sec-Butylbenzene	2940	250	ug/kg	2500		118	70-125			
Carbon tetrachloride	3340	100	ug/kg	2500		134	65-145			
Chlorobenzene	2860	100	ug/kg	2500		115	70-125			
Chloroethane	2570	250	ug/kg	2500		103	40-140			
Chloroform	2790	100	ug/kg	2500		111	75-130			
Chloromethane	2270	250	ug/kg	2500		91	30-140			
4-Chlorotoluene	2850	250	ug/kg	2500		114	70-125			
2-Chlorotoluene	2770	250	ug/kg	2500		111	70-125			
1,2-Dibromo-3-chloropropane	2420	250	ug/kg	2500		97	45-135			
Dibromochloromethane	2900	100	ug/kg	2500		116	65-140			
1,2-Dibromoethane (EDB)	2870	100	ug/kg	2500		115	70-130			
Dibromomethane	2860	100	ug/kg	2500		114	65-130			
1,2-Dichlorobenzene	2960	100	ug/kg	2500		118	70-120			
1,3-Dichlorobenzene	2940	100	ug/kg	2500		117	70-125			
1,4-Dichlorobenzene	2820	100	ug/kg	2500		113	70-125			
Dichlorodifluoromethane	1520	200	ug/kg	2500		61	10-155			
1,1-Dichloroethane	2920	100	ug/kg	2500		117	65-130			
1,2-Dichloroethane	3040	100	ug/kg	2500		122	60-145			
1,1-Dichloroethene	3060	250	ug/kg	2500		122	75-140			
cis-1,2-Dichloroethene	3160	100	ug/kg	2500		126	65-130			
trans-1,2-Dichloroethene	2920	100	ug/kg	2500		117	65-130			
1,3-Dichloropropane	2880	100	ug/kg	2500		115	65-130			
2,2-Dichloropropane	2760	100	ug/kg	2500		111	60-145			
1,2-Dichloropropane	2800	100	ug/kg	2500		112	75-125			
cis-1,3-Dichloropropene	3690	100	ug/kg	2500		148	70-130			*L*
trans-1,3-Dichloropropene	2980	100	ug/kg	2500		119	65-135			
1,1-Dichloropropene	2980	100	ug/kg	2500		119	70-130			
Ethylbenzene	2910	100	ug/kg	2500		116	80-120			
Hexachlorobutadiene	3010	250	ug/kg	2500		121	60-135			
Isopropylbenzene	2920	100	ug/kg	2500		117	70-125			
p-Isopropyltoluene	3040	100	ug/kg	2500		121	70-125			
Methylene chloride	2760	1000	ug/kg	2500		110	60-140			
Naphthalene	2820	250	ug/kg	2500		113	50-140			
n-Propylbenzene	2870	100	ug/kg	2500		115	70-130			
Styrene	3200	100	ug/kg	2500		128	70-135			
1,1,1,2-Tetrachloroethane	3130	250	ug/kg	2500		125	70-140			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12015 Extracted: 11/12/08										
LCS Analyzed: 11/13/2008 (8K12015-BS1)										**MNR1**
1,1,2,2-Tetrachloroethane	2720	100	ug/kg	2500		109	55-135			
Tetrachloroethene	2860	100	ug/kg	2500		115	65-125			
Toluene	2820	100	ug/kg	2500		113	80-120			
1,2,3-Trichlorobenzene	3070	250	ug/kg	2500		123	60-135			
1,2,4-Trichlorobenzene	3110	250	ug/kg	2500		124	65-135			
1,1,1-Trichloroethane	3160	100	ug/kg	2500		126	65-140			
1,1,2-Trichloroethane	2860	100	ug/kg	2500		114	65-130			
Trichloroethene	2900	100	ug/kg	2500		116	70-130			
Trichlorofluoromethane	2320	250	ug/kg	2500		93	50-145			
1,2,3-Trichloropropane	2620	500	ug/kg	2500		105	55-130			
1,2,4-Trimethylbenzene	2990	100	ug/kg	2500		120	70-125			
1,3,5-Trimethylbenzene	3050	100	ug/kg	2500		122	70-125			
Vinyl chloride	877	100	ug/kg	2500		35	10-120			
m,p-Xylenes	5910	100	ug/kg	5000		118	70-125			
o-Xylene	3000	100	ug/kg	2500		120	70-125			
Surrogate: 4-Bromofluorobenzene	*2650*		*ug/kg*	*2500*		*106*	*65-140*			
Surrogate: Dibromofluoromethane	*2730*		*ug/kg*	*2500*		*109*	*55-140*			
Surrogate: Toluene-d8	*2710*		*ug/kg*	*2500*		*108*	*60-140*			
LCS Dup Analyzed: 11/13/2008 (8K12015-BSD1)										
Benzene	2740	100	ug/kg	2500		109	65-120	1	20	
Bromobenzene	2980	250	ug/kg	2500		119	70-120	7	20	
Bromochloromethane	2910	250	ug/kg	2500		117	65-125	0	20	
Bromodichloromethane	3120	100	ug/kg	2500		125	65-135	1	20	
Bromoform	2550	250	ug/kg	2500		102	50-130	1	25	
Bromomethane	2030	250	ug/kg	2500		81	30-140	8	30	
n-Butylbenzene	2860	250	ug/kg	2500		115	70-130	1	20	
tert-Butylbenzene	2890	250	ug/kg	2500		116	70-125	1	20	
sec-Butylbenzene	2950	250	ug/kg	2500		118	70-125	0	20	
Carbon tetrachloride	3420	100	ug/kg	2500		137	65-145	3	20	
Chlorobenzene	2760	100	ug/kg	2500		111	70-125	4	20	
Chloroethane	2440	250	ug/kg	2500		98	40-140	5	25	
Chloroform	2790	100	ug/kg	2500		112	75-130	0	20	
Chloromethane	2130	250	ug/kg	2500		85	30-140	6	25	
4-Chlorotoluene	2870	250	ug/kg	2500		115	70-125	1	20	
2-Chlorotoluene	2780	250	ug/kg	2500		111	70-125	0	20	

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THE LEADER IN ENVIRONMENTAL TESTING
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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12015 Extracted: 11/12/08										
LCS Dup Analyzed: 11/13/2008 (8K12015-BSD1)										
1,2-Dibromo-3-chloropropane	2540	250	ug/kg	2500		102	45-135	5	25	
Dibromochloromethane	2890	100	ug/kg	2500		116	65-140	0	20	
1,2-Dibromoethane (EDB)	2820	100	ug/kg	2500		113	70-130	2	20	
Dibromomethane	2920	100	ug/kg	2500		117	65-130	2	20	
1,2-Dichlorobenzene	3000	100	ug/kg	2500		120	70-120	1	20	
1,3-Dichlorobenzene	2950	100	ug/kg	2500		118	70-125	0	20	
1,4-Dichlorobenzene	2710	100	ug/kg	2500		108	70-125	4	20	
Dichlorodifluoromethane	1290	200	ug/kg	2500		52	10-155	16	30	
1,1-Dichloroethane	2930	100	ug/kg	2500		117	65-130	0	20	
1,2-Dichloroethane	3100	100	ug/kg	2500		124	60-145	2	20	
1,1-Dichloroethene	3230	250	ug/kg	2500		129	75-140	6	20	
cis-1,2-Dichloroethene	3170	100	ug/kg	2500		127	65-130	0	20	
trans-1,2-Dichloroethene	2980	100	ug/kg	2500		119	65-130	2	20	
1,3-Dichloropropane	2870	100	ug/kg	2500		115	65-130	1	20	
2,2-Dichloropropane	2840	100	ug/kg	2500		113	60-145	3	25	
1,2-Dichloropropane	2880	100	ug/kg	2500		115	75-125	3	20	
cis-1,3-Dichloropropene	3780	100	ug/kg	2500		151	70-130	2	20	*L*
trans-1,3-Dichloropropene	3080	100	ug/kg	2500		123	65-135	3	20	
1,1-Dichloropropene	3030	100	ug/kg	2500		121	70-130	2	20	
Ethylbenzene	2880	100	ug/kg	2500		115	80-120	1	20	
Hexachlorobutadiene	2940	250	ug/kg	2500		118	60-135	2	20	
Isopropylbenzene	2840	100	ug/kg	2500		114	70-125	3	20	
p-Isopropyltoluene	3030	100	ug/kg	2500		121	70-125	0	20	
Methylene chloride	2760	1000	ug/kg	2500		110	60-140	0	20	
Naphthalene	2830	250	ug/kg	2500		113	50-140	0	25	
n-Propylbenzene	2900	100	ug/kg	2500		116	70-130	1	20	
Styrene	3150	100	ug/kg	2500		126	70-135	1	20	
1,1,1,2-Tetrachloroethane	3110	250	ug/kg	2500		125	70-140	1	20	
1,1,2,2-Tetrachloroethane	2760	100	ug/kg	2500		111	55-135	2	25	
Tetrachloroethene	2770	100	ug/kg	2500		111	65-125	3	20	
Toluene	2950	100	ug/kg	2500		118	80-120	4	20	
1,2,3-Trichlorobenzene	3030	250	ug/kg	2500		121	60-135	1	20	
1,2,4-Trichlorobenzene	3050	250	ug/kg	2500		122	65-135	2	20	
1,1,1-Trichloroethane	3160	100	ug/kg	2500		126	65-140	0	20	
1,1,2-Trichloroethane	2960	100	ug/kg	2500		118	65-130	3	20	
Trichloroethene	2960	100	ug/kg	2500		118	70-130	2	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12015 Extracted: 11/12/08										
LCS Dup Analyzed: 11/13/2008 (8K12015-BSD1)										
Trichlorofluoromethane	2360	250	ug/kg	2500		94	50-145	2	25	
1,2,3-Trichloropropane	2650	500	ug/kg	2500		106	55-130	1	25	
1,2,4-Trimethylbenzene	3000	100	ug/kg	2500		120	70-125	0	20	
1,3,5-Trimethylbenzene	3000	100	ug/kg	2500		120	70-125	2	20	
Vinyl chloride	780	100	ug/kg	2500		31	10-120	12	30	
m,p-Xylenes	5750	100	ug/kg	5000		115	70-125	3	20	
o-Xylene	2990	100	ug/kg	2500		120	70-125	0	20	
Surrogate: 4-Bromofluorobenzene	*2640*		*ug/kg*	*2500*		*105*	*65-140*			
Surrogate: Dibromofluoromethane	*2780*		*ug/kg*	*2500*		*111*	*55-140*			
Surrogate: Toluene-d8	*2800*		*ug/kg*	*2500*		*112*	*60-140*			
Batch: 8K16019 Extracted: 11/16/08										
Blank Analyzed: 11/16/2008 (8K16019-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16019 Extracted: 11/16/08										
Blank Analyzed: 11/16/2008 (8K16019-BLK1)										
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16019 Extracted: 11/16/08										
Blank Analyzed: 11/16/2008 (8K16019-BLK1)										
o-Xylene	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*21.0*		*ug/l*	*25.0*		*84*	*80-120*			
Surrogate: Dibromofluoromethane	*21.4*		*ug/l*	*25.0*		*85*	*80-120*			
Surrogate: Toluene-d8	*21.6*		*ug/l*	*25.0*		*87*	*80-120*			
LCS Analyzed: 11/16/2008 (8K16019-BS1)										
Benzene	23.6	2.0	ug/l	25.0		94	70-120			
Bromobenzene	27.4	5.0	ug/l	25.0		110	75-120			
Bromochloromethane	24.5	5.0	ug/l	25.0		98	70-130			
Bromodichloromethane	30.4	2.0	ug/l	25.0		121	70-135			
Bromoform	28.6	5.0	ug/l	25.0		114	55-130			
Bromomethane	25.0	5.0	ug/l	25.0		100	65-140			
n-Butylbenzene	25.9	5.0	ug/l	25.0		104	70-130			
tert-Butylbenzene	27.9	5.0	ug/l	25.0		112	70-125			
sec-Butylbenzene	26.6	5.0	ug/l	25.0		106	70-125			
Carbon tetrachloride	35.7	5.0	ug/l	25.0		143	65-140			*L*
Chlorobenzene	27.2	2.0	ug/l	25.0		109	75-120			
Chloroethane	21.8	5.0	ug/l	25.0		87	60-140			
Chloroform	24.2	2.0	ug/l	25.0		97	70-130			
Chloromethane	20.5	5.0	ug/l	25.0		82	50-140			
4-Chlorotoluene	26.1	5.0	ug/l	25.0		105	75-125			
2-Chlorotoluene	25.4	5.0	ug/l	25.0		101	70-125			
1,2-Dibromo-3-chloropropane	27.2	5.0	ug/l	25.0		109	50-135			
Dibromochloromethane	30.0	2.0	ug/l	25.0		120	70-140			
1,2-Dibromoethane (EDB)	26.7	2.0	ug/l	25.0		107	75-125			
Dibromomethane	26.0	2.0	ug/l	25.0		104	70-125			
1,2-Dichlorobenzene	28.7	2.0	ug/l	25.0		115	75-120			
1,3-Dichlorobenzene	27.5	2.0	ug/l	25.0		110	75-120			
1,4-Dichlorobenzene	26.6	2.0	ug/l	25.0		107	75-120			
Dichlorodifluoromethane	33.5	5.0	ug/l	25.0		134	35-155			
1,1-Dichloroethane	21.6	2.0	ug/l	25.0		86	70-125			
1,2-Dichloroethane	27.8	2.0	ug/l	25.0		111	60-140			
1,1-Dichloroethene	30.5	5.0	ug/l	25.0		122	70-125			
cis-1,2-Dichloroethene	22.0	2.0	ug/l	25.0		88	70-125			
trans-1,2-Dichloroethene	25.2	2.0	ug/l	25.0		101	70-125			
1,3-Dichloropropane	24.3	2.0	ug/l	25.0		97	70-120			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16019 Extracted: 11/16/08										
LCS Analyzed: 11/16/2008 (8K16019-BS1)										
2,2-Dichloropropane	35.5	2.0	ug/l	25.0		142	65-140			*L*
1,2-Dichloropropane	22.5	2.0	ug/l	25.0		90	70-125			
cis-1,3-Dichloropropene	29.2	2.0	ug/l	25.0		117	75-125			
trans-1,3-Dichloropropene	28.7	2.0	ug/l	25.0		115	70-125			
1,1-Dichloropropene	26.7	2.0	ug/l	25.0		107	75-130			
Ethylbenzene	26.4	2.0	ug/l	25.0		106	75-125			
Hexachlorobutadiene	31.5	5.0	ug/l	25.0		126	65-135			
Isopropylbenzene	30.4	2.0	ug/l	25.0		122	75-130			
p-Isopropyltoluene	27.8	2.0	ug/l	25.0		111	75-125			
Methylene chloride	21.2	5.0	ug/l	25.0		85	55-130			
Naphthalene	28.7	5.0	ug/l	25.0		115	55-135			
n-Propylbenzene	26.4	2.0	ug/l	25.0		105	75-130			
Styrene	27.6	2.0	ug/l	25.0		111	75-130			
1,1,1,2-Tetrachloroethane	31.8	5.0	ug/l	25.0		127	70-130			
1,1,2,2-Tetrachloroethane	21.7	2.0	ug/l	25.0		87	55-130			
Tetrachloroethene	29.3	2.0	ug/l	25.0		117	70-125			
Toluene	24.9	2.0	ug/l	25.0		100	70-120			
1,2,3-Trichlorobenzene	30.6	5.0	ug/l	25.0		122	65-125			
1,2,4-Trichlorobenzene	31.2	5.0	ug/l	25.0		125	70-135			
1,1,1-Trichloroethane	30.7	2.0	ug/l	25.0		123	65-135			
1,1,2-Trichloroethane	24.1	2.0	ug/l	25.0		96	70-125			
Trichloroethene	28.5	2.0	ug/l	25.0		114	70-125			
Trichlorofluoromethane	27.6	5.0	ug/l	25.0		110	65-145			
1,2,3-Trichloropropane	31.2	10	ug/l	25.0		125	60-130			
1,2,4-Trimethylbenzene	26.9	2.0	ug/l	25.0		108	75-125			
1,3,5-Trimethylbenzene	27.3	2.0	ug/l	25.0		109	75-125			
Vinyl chloride	24.2	5.0	ug/l	25.0		97	55-135			
m,p-Xylenes	52.7	2.0	ug/l	50.0		105	75-125			
o-Xylene	27.3	2.0	ug/l	25.0		109	75-125			
Surrogate: 4-Bromofluorobenzene	*22.0*		*ug/l*	*25.0*		*88*	*80-120*			
Surrogate: Dibromofluoromethane	*22.1*		*ug/l*	*25.0*		*88*	*80-120*			
Surrogate: Toluene-d8	*22.0*		*ug/l*	*25.0*		*88*	*80-120*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16019 Extracted: 11/16/08										
LCS Dup Analyzed: 11/16/2008 (8K16019-BSD1)										
Benzene	23.4	2.0	ug/l	25.0		93	70-120	1	20	
Bromobenzene	27.5	5.0	ug/l	25.0		110	75-120	0	20	
Bromochloromethane	24.4	5.0	ug/l	25.0		97	70-130	1	20	
Bromodichloromethane	29.8	2.0	ug/l	25.0		119	70-135	2	20	
Bromoform	28.4	5.0	ug/l	25.0		114	55-130	1	25	
Bromomethane	24.4	5.0	ug/l	25.0		98	65-140	2	20	
n-Butylbenzene	25.7	5.0	ug/l	25.0		103	70-130	1	20	
tert-Butylbenzene	27.9	5.0	ug/l	25.0		111	70-125	0	20	
sec-Butylbenzene	26.6	5.0	ug/l	25.0		107	70-125	0	20	
Carbon tetrachloride	35.1	5.0	ug/l	25.0		140	65-140	2	25	
Chlorobenzene	27.1	2.0	ug/l	25.0		108	75-120	0	20	
Chloroethane	20.9	5.0	ug/l	25.0		84	60-140	4	20	
Chloroform	23.6	2.0	ug/l	25.0		94	70-130	3	20	
Chloromethane	19.5	5.0	ug/l	25.0		78	50-140	5	25	
4-Chlorotoluene	25.8	5.0	ug/l	25.0		103	75-125	1	20	
2-Chlorotoluene	25.1	5.0	ug/l	25.0		101	70-125	1	20	
1,2-Dibromo-3-chloropropane	26.2	5.0	ug/l	25.0		105	50-135	4	30	
Dibromochloromethane	29.5	2.0	ug/l	25.0		118	70-140	2	20	
1,2-Dibromoethane (EDB)	26.7	2.0	ug/l	25.0		107	75-125	0	20	
Dibromomethane	25.3	2.0	ug/l	25.0		101	70-125	3	20	
1,2-Dichlorobenzene	28.2	2.0	ug/l	25.0		113	75-120	2	20	
1,3-Dichlorobenzene	27.4	2.0	ug/l	25.0		110	75-120	0	20	
1,4-Dichlorobenzene	26.3	2.0	ug/l	25.0		105	75-120	1	20	
Dichlorodifluoromethane	32.3	5.0	ug/l	25.0		129	35-155	4	30	
1,1-Dichloroethane	21.2	2.0	ug/l	25.0		85	70-125	2	20	
1,2-Dichloroethane	26.9	2.0	ug/l	25.0		108	60-140	3	20	
1,1-Dichloroethene	29.7	5.0	ug/l	25.0		119	70-125	2	20	
cis-1,2-Dichloroethene	21.6	2.0	ug/l	25.0		86	70-125	2	20	
trans-1,2-Dichloroethene	24.5	2.0	ug/l	25.0		98	70-125	3	20	
1,3-Dichloropropane	24.1	2.0	ug/l	25.0		96	70-120	1	20	
2,2-Dichloropropane	34.0	2.0	ug/l	25.0		136	65-140	4	25	
1,2-Dichloropropane	22.0	2.0	ug/l	25.0		88	70-125	2	20	
cis-1,3-Dichloropropene	28.8	2.0	ug/l	25.0		115	75-125	1	25	
trans-1,3-Dichloropropene	28.2	2.0	ug/l	25.0		113	70-125	2	20	
1,1-Dichloropropene	26.4	2.0	ug/l	25.0		106	75-130	1	20	
Ethylbenzene	26.4	2.0	ug/l	25.0		106	75-125	0	20	

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Sushmitha Reddy
Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16019 Extracted: 11/16/08										
LCS Dup Analyzed: 11/16/2008 (8K16019-BSD1)										
Hexachlorobutadiene	30.9	5.0	ug/l	25.0		123	65-135	2	20	
Isopropylbenzene	30.6	2.0	ug/l	25.0		122	75-130	1	20	
p-Isopropyltoluene	27.5	2.0	ug/l	25.0		110	75-125	1	20	
Methylene chloride	20.7	5.0	ug/l	25.0		83	55-130	2	20	
Naphthalene	28.7	5.0	ug/l	25.0		115	55-135	0	25	
n-Propylbenzene	26.3	2.0	ug/l	25.0		105	75-130	0	20	
Styrene	27.8	2.0	ug/l	25.0		111	75-130	0	20	
1,1,1,2-Tetrachloroethane	31.5	5.0	ug/l	25.0		126	70-130	1	20	
1,1,2,2-Tetrachloroethane	21.3	2.0	ug/l	25.0		85	55-130	2	25	
Tetrachloroethene	29.2	2.0	ug/l	25.0		117	70-125	0	20	
Toluene	24.6	2.0	ug/l	25.0		98	70-120	1	20	
1,2,3-Trichlorobenzene	30.5	5.0	ug/l	25.0		122	65-125	0	20	
1,2,4-Trichlorobenzene	31.0	5.0	ug/l	25.0		124	70-135	1	20	
1,1,1-Trichloroethane	30.1	2.0	ug/l	25.0		120	65-135	2	20	
1,1,2-Trichloroethane	23.6	2.0	ug/l	25.0		94	70-125	2	20	
Trichloroethene	27.9	2.0	ug/l	25.0		112	70-125	2	20	
Trichlorofluoromethane	26.6	5.0	ug/l	25.0		106	65-145	4	20	
1,2,3-Trichloropropane	30.4	10	ug/l	25.0		122	60-130	2	20	
1,2,4-Trimethylbenzene	27.1	2.0	ug/l	25.0		108	75-125	1	20	
1,3,5-Trimethylbenzene	27.0	2.0	ug/l	25.0		108	75-125	1	20	
Vinyl chloride	23.3	5.0	ug/l	25.0		93	55-135	4	30	
m,p-Xylenes	52.1	2.0	ug/l	50.0		104	75-125	1	20	
o-Xylene	26.9	2.0	ug/l	25.0		107	75-125	2	20	
Surrogate: 4-Bromofluorobenzene	*22.3*		*ug/l*	*25.0*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*21.6*		*ug/l*	*25.0*		*87*	*80-120*			
Surrogate: Toluene-d8	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
Matrix Spike Analyzed: 11/16/2008 (8K16019-MS1)					**Source: IRK0339-01RE1**					
Benzene	22.9	2.0	ug/l	25.0	ND	92	65-125			
Bromobenzene	27.1	5.0	ug/l	25.0	ND	109	70-125			
Bromochloromethane	25.0	5.0	ug/l	25.0	ND	100	65-135			
Bromodichloromethane	31.2	2.0	ug/l	25.0	ND	125	70-135			
Bromoform	29.2	5.0	ug/l	25.0	ND	117	55-135			
Bromomethane	24.7	5.0	ug/l	25.0	ND	99	55-145			
n-Butylbenzene	24.8	5.0	ug/l	25.0	ND	99	65-135			
tert-Butylbenzene	26.9	5.0	ug/l	25.0	ND	108	65-130			

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16019 Extracted: 11/16/08										
Matrix Spike Analyzed: 11/16/2008 (8K16019-MS1)					**Source: IRK0339-01RE1**					
sec-Butylbenzene	25.7	5.0	ug/l	25.0	ND	103	70-125			
Carbon tetrachloride	36.3	5.0	ug/l	25.0	ND	145	65-140			*M7*
Chlorobenzene	26.6	2.0	ug/l	25.0	ND	106	75-125			
Chloroethane	21.4	5.0	ug/l	25.0	ND	86	55-140			
Chloroform	24.6	2.0	ug/l	25.0	ND	98	65-135			
Chloromethane	21.0	5.0	ug/l	25.0	ND	84	45-145			
4-Chlorotoluene	25.2	5.0	ug/l	25.0	ND	101	70-135			
2-Chlorotoluene	24.5	5.0	ug/l	25.0	ND	98	65-135			
1,2-Dibromo-3-chloropropane	29.3	5.0	ug/l	25.0	ND	117	45-145			
Dibromochloromethane	31.0	2.0	ug/l	25.0	ND	124	65-140			
1,2-Dibromoethane (EDB)	27.8	2.0	ug/l	25.0	ND	111	70-130			
Dibromomethane	27.4	2.0	ug/l	25.0	ND	110	65-135			
1,2-Dichlorobenzene	28.0	2.0	ug/l	25.0	ND	112	75-125			
1,3-Dichlorobenzene	26.6	2.0	ug/l	25.0	ND	106	75-125			
1,4-Dichlorobenzene	25.8	2.0	ug/l	25.0	ND	103	75-125			
Dichlorodifluoromethane	34.0	5.0	ug/l	25.0	ND	136	25-155			
1,1-Dichloroethane	21.3	2.0	ug/l	25.0	ND	85	65-130			
1,2-Dichloroethane	31.2	2.0	ug/l	25.0	ND	125	60-140			
1,1-Dichloroethene	29.1	5.0	ug/l	25.0	ND	116	60-130			
cis-1,2-Dichloroethene	21.7	2.0	ug/l	25.0	ND	87	65-130			
trans-1,2-Dichloroethene	24.1	2.0	ug/l	25.0	ND	96	65-130			
1,3-Dichloropropane	24.9	2.0	ug/l	25.0	ND	100	65-135			
2,2-Dichloropropane	33.2	2.0	ug/l	25.0	ND	133	60-145			
1,2-Dichloropropane	21.9	2.0	ug/l	25.0	ND	88	65-130			
cis-1,3-Dichloropropene	28.5	2.0	ug/l	25.0	ND	114	70-130			
trans-1,3-Dichloropropene	29.0	2.0	ug/l	25.0	ND	116	65-135			
1,1-Dichloropropene	26.1	2.0	ug/l	25.0	ND	104	70-135			
Ethylbenzene	25.6	2.0	ug/l	25.0	ND	102	65-130			
Hexachlorobutadiene	31.3	5.0	ug/l	25.0	ND	125	60-135			
Isopropylbenzene	29.0	2.0	ug/l	25.0	ND	116	70-135			
p-Isopropyltoluene	26.6	2.0	ug/l	25.0	ND	106	65-130			
Methylene chloride	20.7	5.0	ug/l	25.0	ND	83	50-135			
Naphthalene	30.6	5.0	ug/l	25.0	ND	122	50-140			
n-Propylbenzene	25.2	2.0	ug/l	25.0	ND	101	70-135			
Styrene	26.8	2.0	ug/l	25.0	ND	107	50-145			
1,1,1,2-Tetrachloroethane	32.2	5.0	ug/l	25.0	ND	129	65-140			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16019 Extracted: 11/16/08										
Matrix Spike Analyzed: 11/16/2008 (8K16019-MS1)					**Source: IRK0339-01RE1**					
1,1,2,2-Tetrachloroethane	22.6	2.0	ug/l	25.0	ND	91	55-135			
Tetrachloroethene	28.5	2.0	ug/l	25.0	ND	114	65-130			
Toluene	24.2	2.0	ug/l	25.0	ND	97	70-125			
1,2,3-Trichlorobenzene	31.7	5.0	ug/l	25.0	ND	127	60-135			
1,2,4-Trichlorobenzene	31.1	5.0	ug/l	25.0	ND	125	65-135			
1,1,1-Trichloroethane	31.1	2.0	ug/l	25.0	ND	124	65-140			
1,1,2-Trichloroethane	24.8	2.0	ug/l	25.0	ND	99	65-130			
Trichloroethene	27.5	2.0	ug/l	25.0	ND	110	65-125			
Trichlorofluoromethane	32.2	5.0	ug/l	25.0	ND	129	60-145			
1,2,3-Trichloropropane	32.5	10	ug/l	25.0	ND	130	55-135			
1,2,4-Trimethylbenzene	26.0	2.0	ug/l	25.0	ND	104	55-135			
1,3,5-Trimethylbenzene	26.0	2.0	ug/l	25.0	ND	104	70-130			
Vinyl chloride	24.1	5.0	ug/l	25.0	ND	96	45-140			
m,p-Xylenes	50.2	2.0	ug/l	50.0	ND	100	65-130			
o-Xylene	26.4	2.0	ug/l	25.0	ND	105	65-125			
Surrogate: 4-Bromofluorobenzene	*22.8*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Dibromofluoromethane	*22.9*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Toluene-d8	*21.9*		*ug/l*	*25.0*		*88*	*80-120*			
Matrix Spike Dup Analyzed: 11/16/2008 (8K16019-MSD1)					**Source: IRK0339-01RE1**					
Benzene	23.1	2.0	ug/l	25.0	ND	92	65-125	1	20	
Bromobenzene	28.4	5.0	ug/l	25.0	ND	114	70-125	5	20	
Bromochloromethane	26.3	5.0	ug/l	25.0	ND	105	65-135	5	25	
Bromodichloromethane	31.5	2.0	ug/l	25.0	ND	126	70-135	1	20	
Bromoform	30.8	5.0	ug/l	25.0	ND	123	55-135	5	25	
Bromomethane	25.0	5.0	ug/l	25.0	ND	100	55-145	1	25	
n-Butylbenzene	25.4	5.0	ug/l	25.0	ND	102	65-135	2	20	
tert-Butylbenzene	28.1	5.0	ug/l	25.0	ND	112	65-130	4	20	
sec-Butylbenzene	26.8	5.0	ug/l	25.0	ND	107	70-125	4	20	
Carbon tetrachloride	36.7	5.0	ug/l	25.0	ND	147	65-140	1	25	*M7*
Chlorobenzene	27.1	2.0	ug/l	25.0	ND	108	75-125	2	20	
Chloroethane	21.9	5.0	ug/l	25.0	ND	88	55-140	2	25	
Chloroform	25.5	2.0	ug/l	25.0	ND	102	65-135	4	20	
Chloromethane	21.1	5.0	ug/l	25.0	ND	84	45-145	1	25	
4-Chlorotoluene	26.1	5.0	ug/l	25.0	ND	104	70-135	3	20	
2-Chlorotoluene	25.6	5.0	ug/l	25.0	ND	102	65-135	4	20	

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Attention: George Cebula

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B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16019 Extracted: 11/16/08										
Matrix Spike Dup Analyzed: 11/16/2008 (8K16019-MSD1)					**Source: IRK0339-01RE1**					
1,2-Dibromo-3-chloropropane	31.7	5.0	ug/l	25.0	ND	127	45-145	8	30	
Dibromochloromethane	31.8	2.0	ug/l	25.0	ND	127	65-140	2	25	
1,2-Dibromoethane (EDB)	28.4	2.0	ug/l	25.0	ND	113	70-130	2	25	
Dibromomethane	27.6	2.0	ug/l	25.0	ND	111	65-135	1	25	
1,2-Dichlorobenzene	29.0	2.0	ug/l	25.0	ND	116	75-125	3	20	
1,3-Dichlorobenzene	27.4	2.0	ug/l	25.0	ND	109	75-125	3	20	
1,4-Dichlorobenzene	26.6	2.0	ug/l	25.0	ND	107	75-125	3	20	
Dichlorodifluoromethane	34.7	5.0	ug/l	25.0	ND	139	25-155	2	30	
1,1-Dichloroethane	22.2	2.0	ug/l	25.0	ND	89	65-130	4	20	
1,2-Dichloroethane	30.9	2.0	ug/l	25.0	ND	123	60-140	1	20	
1,1-Dichloroethene	30.6	5.0	ug/l	25.0	ND	122	60-130	5	20	
cis-1,2-Dichloroethene	22.4	2.0	ug/l	25.0	ND	90	65-130	3	20	
trans-1,2-Dichloroethene	25.3	2.0	ug/l	25.0	ND	101	65-130	5	20	
1,3-Dichloropropane	25.6	2.0	ug/l	25.0	ND	102	65-135	3	25	
2,2-Dichloropropane	35.5	2.0	ug/l	25.0	ND	142	60-145	7	25	
1,2-Dichloropropane	22.6	2.0	ug/l	25.0	ND	91	65-130	3	20	
cis-1,3-Dichloropropene	29.1	2.0	ug/l	25.0	ND	116	70-130	2	20	
trans-1,3-Dichloropropene	29.9	2.0	ug/l	25.0	ND	120	65-135	3	25	
1,1-Dichloropropene	26.4	2.0	ug/l	25.0	ND	106	70-135	1	20	
Ethylbenzene	26.2	2.0	ug/l	25.0	ND	105	65-130	2	20	
Hexachlorobutadiene	30.9	5.0	ug/l	25.0	ND	124	60-135	1	20	
Isopropylbenzene	30.5	2.0	ug/l	25.0	ND	122	70-135	5	20	
p-Isopropyltoluene	27.6	2.0	ug/l	25.0	ND	110	65-130	4	20	
Methylene chloride	21.4	5.0	ug/l	25.0	ND	86	50-135	4	20	
Naphthalene	32.0	5.0	ug/l	25.0	ND	128	50-140	4	30	
n-Propylbenzene	26.2	2.0	ug/l	25.0	ND	105	70-135	4	20	
Styrene	27.3	2.0	ug/l	25.0	ND	109	50-145	2	30	
1,1,1,2-Tetrachloroethane	32.4	5.0	ug/l	25.0	ND	129	65-140	1	20	
1,1,2,2-Tetrachloroethane	24.4	2.0	ug/l	25.0	ND	97	55-135	7	30	
Tetrachloroethene	29.0	2.0	ug/l	25.0	ND	116	65-130	2	20	
Toluene	24.5	2.0	ug/l	25.0	ND	98	70-125	1	20	
1,2,3-Trichlorobenzene	31.5	5.0	ug/l	25.0	ND	126	60-135	1	20	
1,2,4-Trichlorobenzene	30.8	5.0	ug/l	25.0	ND	123	65-135	1	20	
1,1,1-Trichloroethane	32.5	2.0	ug/l	25.0	ND	130	65-140	4	20	
1,1,2-Trichloroethane	25.5	2.0	ug/l	25.0	ND	102	65-130	3	25	
Trichloroethene	27.9	2.0	ug/l	25.0	ND	112	65-125	1	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16019 Extracted: 11/16/08										
Matrix Spike Dup Analyzed: 11/16/2008 (8K16019-MSD1)					**Source: IRK0339-01RE1**					
Trichlorofluoromethane	28.8	5.0	ug/l	25.0	ND	115	60-145	11	25	
1,2,3-Trichloropropane	35.2	10	ug/l	25.0	ND	141	55-135	8	30	*M1*
1,2,4-Trimethylbenzene	26.8	2.0	ug/l	25.0	ND	107	55-135	3	25	
1,3,5-Trimethylbenzene	27.5	2.0	ug/l	25.0	ND	110	70-130	5	20	
Vinyl chloride	24.5	5.0	ug/l	25.0	ND	98	45-140	2	30	
m,p-Xylenes	51.4	2.0	ug/l	50.0	ND	103	65-130	2	25	
o-Xylene	26.5	2.0	ug/l	25.0	ND	106	65-125	1	20	
Surrogate: 4-Bromofluorobenzene	*22.6*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Toluene-d8	*21.8*		*ug/l*	*25.0*		*87*	*80-120*			
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	100	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							

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Project ID: Oakland
B0031045.003
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2380*		*ug/kg*	*2500*		*95*	*65-140*			
Surrogate: Dibromofluoromethane	*2560*		*ug/kg*	*2500*		*102*	*55-140*			
Surrogate: Toluene-d8	*2450*		*ug/kg*	*2500*		*98*	*60-140*			
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
Benzene	2620	100	ug/kg	2500		105	65-120			
Bromobenzene	2690	250	ug/kg	2500		108	70-120			
Bromochloromethane	2630	250	ug/kg	2500		105	65-125			
Bromodichloromethane	2940	100	ug/kg	2500		118	65-135			
Bromoform	2200	250	ug/kg	2500		88	50-130			
Bromomethane	2470	250	ug/kg	2500		99	30-140			
n-Butylbenzene	2840	250	ug/kg	2500		114	70-130			
tert-Butylbenzene	2770	250	ug/kg	2500		111	70-125			
sec-Butylbenzene	2780	250	ug/kg	2500		111	70-125			
Carbon tetrachloride	2430	100	ug/kg	2500		97	65-145			
Chlorobenzene	2760	100	ug/kg	2500		111	70-125			
Chloroethane	2580	250	ug/kg	2500		103	40-140			
Chloroform	2660	100	ug/kg	2500		106	75-130			
Chloromethane	3000	250	ug/kg	2500		120	30-140			
4-Chlorotoluene	2850	250	ug/kg	2500		114	70-125			
2-Chlorotoluene	2800	250	ug/kg	2500		112	70-125			
1,2-Dibromo-3-chloropropane	2580	250	ug/kg	2500		103	45-135			
Dibromochloromethane	2600	100	ug/kg	2500		104	65-140			
1,2-Dibromoethane (EDB)	2740	100	ug/kg	2500		110	70-130			
Dibromomethane	2800	100	ug/kg	2500		112	65-130			
1,2-Dichlorobenzene	2720	100	ug/kg	2500		109	70-120			
1,3-Dichlorobenzene	2730	100	ug/kg	2500		109	70-125			
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125			
Dichlorodifluoromethane	2520	200	ug/kg	2500		101	10-155			
1,1-Dichloroethane	2660	100	ug/kg	2500		107	65-130			
1,2-Dichloroethane	2970	100	ug/kg	2500		119	60-145			
1,1-Dichloroethene	2110	250	ug/kg	2500		84	75-140			
cis-1,2-Dichloroethene	2890	100	ug/kg	2500		116	65-130			
trans-1,2-Dichloroethene	2820	100	ug/kg	2500		113	65-130			
1,3-Dichloropropane	2900	100	ug/kg	2500		116	65-130			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
2,2-Dichloropropane	2860	100	ug/kg	2500		114	60-145			
1,2-Dichloropropane	2760	100	ug/kg	2500		110	75-125			
cis-1,3-Dichloropropene	3530	100	ug/kg	2500		141	70-130			*L*
trans-1,3-Dichloropropene	2870	100	ug/kg	2500		115	65-135			
1,1-Dichloropropene	3000	100	ug/kg	2500		120	70-130			
Ethylbenzene	2760	100	ug/kg	2500		110	80-120			
Hexachlorobutadiene	2860	250	ug/kg	2500		114	60-135			
Isopropylbenzene	2720	100	ug/kg	2500		109	70-125			
p-Isopropyltoluene	2780	100	ug/kg	2500		111	70-125			
Methylene chloride	2480	1000	ug/kg	2500		99	60-140			
Naphthalene	2760	250	ug/kg	2500		110	50-140			
n-Propylbenzene	2810	100	ug/kg	2500		113	70-130			
Styrene	2850	100	ug/kg	2500		114	70-135			
1,1,1,2-Tetrachloroethane	2980	250	ug/kg	2500		119	70-140			
1,1,2,2-Tetrachloroethane	2940	100	ug/kg	2500		118	55-135			
Tetrachloroethene	2640	100	ug/kg	2500		106	65-125			
Toluene	2640	100	ug/kg	2500		106	80-120			
1,2,3-Trichlorobenzene	2750	250	ug/kg	2500		110	60-135			
1,2,4-Trichlorobenzene	2880	250	ug/kg	2500		115	65-135			
1,1,1-Trichloroethane	2440	100	ug/kg	2500		98	65-140			
1,1,2-Trichloroethane	2770	100	ug/kg	2500		111	65-130			
Trichloroethene	2660	100	ug/kg	2500		106	70-130			
Trichlorofluoromethane	1800	250	ug/kg	2500		72	50-145			
1,2,3-Trichloropropane	2780	500	ug/kg	2500		111	55-130			
1,2,4-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125			
1,3,5-Trimethylbenzene	2750	100	ug/kg	2500		110	70-125			
Vinyl chloride	1840	100	ug/kg	2500		73	10-120			
m,p-Xylenes	5570	100	ug/kg	5000		111	70-125			
o-Xylene	2820	100	ug/kg	2500		113	70-125			
Surrogate: 4-Bromofluorobenzene	*2280*		*ug/kg*	*2500*		*91*	*65-140*			
Surrogate: Dibromofluoromethane	*2250*		*ug/kg*	*2500*		*90*	*55-140*			
Surrogate: Toluene-d8	*2240*		*ug/kg*	*2500*		*90*	*60-140*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
Benzene	2440	100	ug/kg	2500		98	65-120	7	20	
Bromobenzene	2730	250	ug/kg	2500		109	70-120	1	20	
Bromochloromethane	2660	250	ug/kg	2500		106	65-125	1	20	
Bromodichloromethane	3000	100	ug/kg	2500		120	65-135	2	20	
Bromoform	2490	250	ug/kg	2500		100	50-130	13	25	
Bromomethane	3160	250	ug/kg	2500		126	30-140	25	30	
n-Butylbenzene	2760	250	ug/kg	2500		110	70-130	3	20	
tert-Butylbenzene	2910	250	ug/kg	2500		116	70-125	5	20	
sec-Butylbenzene	2790	250	ug/kg	2500		111	70-125	0	20	
Carbon tetrachloride	3470	100	ug/kg	2500		139	65-145	35	20	*R-7*
Chlorobenzene	2800	100	ug/kg	2500		112	70-125	1	20	
Chloroethane	2410	250	ug/kg	2500		96	40-140	7	25	
Chloroform	2580	100	ug/kg	2500		103	75-130	3	20	
Chloromethane	2920	250	ug/kg	2500		117	30-140	3	25	
4-Chlorotoluene	2640	250	ug/kg	2500		106	70-125	8	20	
2-Chlorotoluene	2590	250	ug/kg	2500		104	70-125	8	20	
1,2-Dibromo-3-chloropropane	2370	250	ug/kg	2500		95	45-135	9	25	
Dibromochloromethane	2830	100	ug/kg	2500		113	65-140	8	20	
1,2-Dibromoethane (EDB)	2590	100	ug/kg	2500		104	70-130	6	20	
Dibromomethane	2690	100	ug/kg	2500		108	65-130	4	20	
1,2-Dichlorobenzene	2750	100	ug/kg	2500		110	70-120	1	20	
1,3-Dichlorobenzene	2810	100	ug/kg	2500		112	70-125	3	20	
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125	0	20	
Dichlorodifluoromethane	3670	200	ug/kg	2500		147	10-155	37	30	*R-7*
1,1-Dichloroethane	2560	100	ug/kg	2500		102	65-130	4	20	
1,2-Dichloroethane	2960	100	ug/kg	2500		118	60-145	1	20	
1,1-Dichloroethene	2600	250	ug/kg	2500		104	75-140	21	20	*R-7*
cis-1,2-Dichloroethene	2410	100	ug/kg	2500		96	65-130	18	20	
trans-1,2-Dichloroethene	2680	100	ug/kg	2500		107	65-130	5	20	
1,3-Dichloropropane	2440	100	ug/kg	2500		98	65-130	17	20	
2,2-Dichloropropane	2930	100	ug/kg	2500		117	60-145	2	25	
1,2-Dichloropropane	2520	100	ug/kg	2500		101	75-125	9	20	
cis-1,3-Dichloropropene	2690	100	ug/kg	2500		108	70-130	27	20	*R-7*
trans-1,3-Dichloropropene	2830	100	ug/kg	2500		113	65-135	1	20	
1,1-Dichloropropene	2780	100	ug/kg	2500		111	70-130	7	20	
Ethylbenzene	2710	100	ug/kg	2500		109	80-120	2	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
Hexachlorobutadiene	3270	250	ug/kg	2500		131	60-135	13	20	
Isopropylbenzene	3210	100	ug/kg	2500		128	70-125	16	20	*L*
p-Isopropyltoluene	2950	100	ug/kg	2500		118	70-125	6	20	
Methylene chloride	2310	1000	ug/kg	2500		92	60-140	7	20	
Naphthalene	2580	250	ug/kg	2500		103	50-140	7	25	
n-Propylbenzene	2750	100	ug/kg	2500		110	70-130	2	20	
Styrene	2810	100	ug/kg	2500		113	70-135	1	20	
1,1,1,2-Tetrachloroethane	3170	250	ug/kg	2500		127	70-140	6	20	
1,1,2,2-Tetrachloroethane	2230	100	ug/kg	2500		89	55-135	28	25	*R-7*
Tetrachloroethene	2920	100	ug/kg	2500		117	65-125	10	20	
Toluene	2630	100	ug/kg	2500		105	80-120	0	20	
1,2,3-Trichlorobenzene	2890	250	ug/kg	2500		115	60-135	5	20	
1,2,4-Trichlorobenzene	3030	250	ug/kg	2500		121	65-135	5	20	
1,1,1-Trichloroethane	3030	100	ug/kg	2500		121	65-140	21	20	*R-7*
1,1,2-Trichloroethane	2440	100	ug/kg	2500		98	65-130	13	20	
Trichloroethene	2910	100	ug/kg	2500		116	70-130	9	20	
Trichlorofluoromethane	3090	250	ug/kg	2500		124	50-145	53	25	*R-7*
1,2,3-Trichloropropane	2200	500	ug/kg	2500		88	55-130	23	25	
1,2,4-Trimethylbenzene	2860	100	ug/kg	2500		115	70-125	2	20	
1,3,5-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125	6	20	
Vinyl chloride	1380	100	ug/kg	2500		55	10-120	29	30	
m,p-Xylenes	5520	100	ug/kg	5000		110	70-125	1	20	
o-Xylene	2790	100	ug/kg	2500		112	70-125	1	20	
Surrogate: 4-Bromofluorobenzene	*2310*		*ug/kg*	*2500*		*92*	*65-140*			
Surrogate: Dibromofluoromethane	*2400*		*ug/kg*	*2500*		*96*	*55-140*			
Surrogate: Toluene-d8	*2340*		*ug/kg*	*2500*		*93*	*60-140*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12065 Extracted: 11/12/08										
Blank Analyzed: 11/14/2008 (8K12065-BLK1)										
Acenaphthene	ND	10	ug/l							
Acenaphthylene	ND	10	ug/l							
Aniline	ND	10	ug/l							
Anthracene	ND	10	ug/l							
Benzidine	ND	20	ug/l							
Benzo(a)anthracene	ND	10	ug/l							
Benzo(a)pyrene	ND	10	ug/l							
Benzo(b)fluoranthene	ND	10	ug/l							
Benzo(g,h,i)perylene	ND	10	ug/l							
Benzo(k)fluoranthene	ND	10	ug/l							
Benzoic acid	ND	20	ug/l							
Benzyl alcohol	ND	20	ug/l							
4-Bromophenyl phenyl ether	ND	10	ug/l							
Butyl benzyl phthalate	ND	20	ug/l							
4-Chloro-3-methylphenol	ND	20	ug/l							
4-Chloroaniline	ND	10	ug/l							
Bis(2-chloroethoxy)methane	ND	10	ug/l							
Bis(2-chloroethyl)ether	ND	10	ug/l							
Bis(2-chloroisopropyl)ether	ND	10	ug/l							
2-Chloronaphthalene	ND	10	ug/l							
2-Chlorophenol	ND	10	ug/l							
4-Chlorophenyl phenyl ether	ND	10	ug/l							
Chrysene	ND	10	ug/l							
Dibenz(a,h)anthracene	ND	20	ug/l							
Dibenzofuran	ND	10	ug/l							
Di-n-butyl phthalate	ND	20	ug/l							
1,2-Dichlorobenzene	ND	10	ug/l							
1,3-Dichlorobenzene	ND	10	ug/l							
1,4-Dichlorobenzene	ND	10	ug/l							
3,3'-Dichlorobenzidine	ND	20	ug/l							
2,4-Dichlorophenol	ND	10	ug/l							
Diethyl phthalate	ND	10	ug/l							
2,4-Dimethylphenol	ND	20	ug/l							
Dimethyl phthalate	ND	10	ug/l							
4,6-Dinitro-2-methylphenol	ND	20	ug/l							
2,4-Dinitrophenol	ND	20	ug/l							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12065 Extracted: 11/12/08										
Blank Analyzed: 11/14/2008 (8K12065-BLK1)										
2,4-Dinitrotoluene	ND	10	ug/l							
2,6-Dinitrotoluene	ND	10	ug/l							
Di-n-octyl phthalate	ND	20	ug/l							
1,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l							
Bis(2-ethylhexyl)phthalate	ND	50	ug/l							
Fluoranthene	ND	10	ug/l							
Fluorene	ND	10	ug/l							
Hexachlorobenzene	ND	10	ug/l							
Hexachlorobutadiene	ND	10	ug/l							
Hexachlorocyclopentadiene	ND	20	ug/l							
Hexachloroethane	ND	10	ug/l							
Indeno(1,2,3-cd)pyrene	ND	20	ug/l							
Isophorone	ND	10	ug/l							
2-Methylnaphthalene	ND	10	ug/l							
2-Methylphenol	ND	10	ug/l							
4-Methylphenol	ND	10	ug/l							
Naphthalene	ND	10	ug/l							
2-Nitroaniline	ND	20	ug/l							
3-Nitroaniline	ND	20	ug/l							
4-Nitroaniline	ND	20	ug/l							
Nitrobenzene	ND	20	ug/l							
2-Nitrophenol	ND	10	ug/l							
4-Nitrophenol	ND	20	ug/l							
N-Nitroso-di-n-propylamine	ND	10	ug/l							
N-Nitrosodiphenylamine	ND	10	ug/l							
Pentachlorophenol	ND	20	ug/l							
Phenanthrene	ND	10	ug/l							
Phenol	ND	10	ug/l							
Pyrene	ND	10	ug/l							
1,2,4-Trichlorobenzene	ND	10	ug/l							
2,4,5-Trichlorophenol	ND	20	ug/l							
2,4,6-Trichlorophenol	ND	20	ug/l							
Surrogate: 2,4,6-Tribromophenol	*226*		*ug/l*	*200*		*113*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*89.0*		*ug/l*	*100*		*89*	*50-120*			
Surrogate: 2-Fluorophenol	*154*		*ug/l*	*200*		*77*	*30-120*			
Surrogate: Nitrobenzene-d5	*90.5*		*ug/l*	*100*		*90*	*45-120*			

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12065 Extracted: 11/12/08										
Blank Analyzed: 11/14/2008 (8K12065-BLK1)										
Surrogate: Phenol-d6	*156*		*ug/l*	*200*		*78*	*35-120*			
Surrogate: Terphenyl-d14	*112*		*ug/l*	*100*		*112*	*50-125*			
LCS Analyzed: 11/14/2008 (8K12065-BS1)										**MNR1**
Acenaphthene	89.3	10	ug/l	100		89	60-120			
Acenaphthylene	87.1	10	ug/l	100		87	60-120			
Aniline	76.5	10	ug/l	100		77	35-120			
Anthracene	111	10	ug/l	100		111	65-120			
Benzidine	143	20	ug/l	100		143	30-160			
Benzo(a)anthracene	97.2	10	ug/l	100		97	65-120			
Benzo(a)pyrene	103	10	ug/l	100		103	55-130			
Benzo(b)fluoranthene	97.0	10	ug/l	100		97	55-125			
Benzo(g,h,i)perylene	112	10	ug/l	100		112	45-135			
Benzo(k)fluoranthene	99.4	10	ug/l	100		99	50-125			
Benzoic acid	82.9	20	ug/l	100		83	25-120			
Benzyl alcohol	93.2	20	ug/l	100		93	50-120			
4-Bromophenyl phenyl ether	101	10	ug/l	100		101	60-120			
Butyl benzyl phthalate	122	20	ug/l	100		122	55-130			
4-Chloro-3-methylphenol	103	20	ug/l	100		103	60-120			
4-Chloroaniline	93.7	10	ug/l	100		94	55-120			
Bis(2-chloroethoxy)methane	92.7	10	ug/l	100		93	55-120			
Bis(2-chloroethyl)ether	89.3	10	ug/l	100		89	50-120			
Bis(2-chloroisopropyl)ether	94.8	10	ug/l	100		95	45-120			
2-Chloronaphthalene	86.9	10	ug/l	100		87	60-120			
2-Chlorophenol	80.8	10	ug/l	100		81	45-120			
4-Chlorophenyl phenyl ether	93.5	10	ug/l	100		94	65-120			
Chrysene	97.5	10	ug/l	100		98	65-120			
Dibenz(a,h)anthracene	106	20	ug/l	100		106	50-135			
Dibenzofuran	94.7	10	ug/l	100		95	65-120			
Di-n-butyl phthalate	123	20	ug/l	100		123	60-125			
1,2-Dichlorobenzene	78.2	10	ug/l	100		78	40-120			
1,3-Dichlorobenzene	74.3	10	ug/l	100		74	35-120			
1,4-Dichlorobenzene	73.0	10	ug/l	100		73	35-120			
3,3'-Dichlorobenzidine	93.6	20	ug/l	100		94	45-135			
2,4-Dichlorophenol	92.0	10	ug/l	100		92	55-120			
Diethyl phthalate	99.5	10	ug/l	100		100	55-120			

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Sushmitha Reddy
Project Manager

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12065 Extracted: 11/12/08										
LCS Analyzed: 11/14/2008 (8K12065-BS1)										**MNR1**
2,4-Dimethylphenol	83.2	20	ug/l	100		83	40-120			
Dimethyl phthalate	94.3	10	ug/l	100		94	30-120			
4,6-Dinitro-2-methylphenol	111	20	ug/l	100		111	45-120			
2,4-Dinitrophenol	94.1	20	ug/l	100		94	40-120			
2,4-Dinitrotoluene	98.7	10	ug/l	100		99	65-120			
2,6-Dinitrotoluene	91.9	10	ug/l	100		92	65-120			
Di-n-octyl phthalate	116	20	ug/l	100		116	65-135			
1,2-Diphenylhydrazine/Azobenzene	94.1	20	ug/l	100		94	60-120			
Bis(2-ethylhexyl)phthalate	114	50	ug/l	100		114	65-130			
Fluoranthene	112	10	ug/l	100		112	60-120			
Fluorene	92.3	10	ug/l	100		92	65-120			
Hexachlorobenzene	96.1	10	ug/l	100		96	60-120			
Hexachlorobutadiene	82.4	10	ug/l	100		82	40-120			
Hexachlorocyclopentadiene	81.8	20	ug/l	100		82	25-120			
Hexachloroethane	71.6	10	ug/l	100		72	35-120			
Indeno(1,2,3-cd)pyrene	107	20	ug/l	100		107	45-135			
Isophorone	94.8	10	ug/l	100		95	50-120			
2-Methylnaphthalene	95.6	10	ug/l	100		96	55-120			
2-Methylphenol	84.1	10	ug/l	100		84	50-120			
4-Methylphenol	85.4	10	ug/l	100		85	50-120			
Naphthalene	83.3	10	ug/l	100		83	55-120			
2-Nitroaniline	115	20	ug/l	100		115	65-120			
3-Nitroaniline	101	20	ug/l	100		101	60-120			
4-Nitroaniline	105	20	ug/l	100		105	55-125			
Nitrobenzene	93.6	20	ug/l	100		94	55-120			
2-Nitrophenol	94.7	10	ug/l	100		95	50-120			
4-Nitrophenol	98.2	20	ug/l	100		98	45-120			
N-Nitroso-di-n-propylamine	97.1	10	ug/l	100		97	45-120			
N-Nitrosodiphenylamine	104	10	ug/l	100		104	60-120			
Pentachlorophenol	110	20	ug/l	100		110	50-120			
Phenanthrene	109	10	ug/l	100		109	65-120			
Phenol	77.4	10	ug/l	100		77	40-120			
Pyrene	93.7	10	ug/l	100		94	55-125			
1,2,4-Trichlorobenzene	82.1	10	ug/l	100		82	45-120			
2,4,5-Trichlorophenol	94.6	20	ug/l	100		95	55-120			
2,4,6-Trichlorophenol	90.7	20	ug/l	100		91	55-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12065 Extracted: 11/12/08										
LCS Analyzed: 11/14/2008 (8K12065-BS1)										**MNR1**
Surrogate: 2,4,6-Tribromophenol	*196*		*ug/l*	*200*		*98*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*87.2*		*ug/l*	*100*		*87*	*50-120*			
Surrogate: 2-Fluorophenol	*152*		*ug/l*	*200*		*76*	*30-120*			
Surrogate: Nitrobenzene-d5	*91.6*		*ug/l*	*100*		*92*	*45-120*			
Surrogate: Phenol-d6	*164*		*ug/l*	*200*		*82*	*35-120*			
Surrogate: Terphenyl-d14	*105*		*ug/l*	*100*		*105*	*50-125*			
LCS Dup Analyzed: 11/14/2008 (8K12065-BSD1)										
Acenaphthene	86.5	10	ug/l	100		87	60-120	3	20	
Acenaphthylene	84.1	10	ug/l	100		84	60-120	3	20	
Aniline	67.2	10	ug/l	100		67	35-120	13	30	
Anthracene	105	10	ug/l	100		105	65-120	5	20	
Benzidine	133	20	ug/l	100		133	30-160	7	35	
Benzo(a)anthracene	94.7	10	ug/l	100		95	65-120	3	20	
Benzo(a)pyrene	102	10	ug/l	100		102	55-130	2	25	
Benzo(b)fluoranthene	94.0	10	ug/l	100		94	55-125	3	25	
Benzo(g,h,i)perylene	109	10	ug/l	100		109	45-135	3	25	
Benzo(k)fluoranthene	100	10	ug/l	100		100	50-125	1	20	
Benzoic acid	72.5	20	ug/l	100		72	25-120	13	30	
Benzyl alcohol	86.1	20	ug/l	100		86	50-120	8	20	
4-Bromophenyl phenyl ether	95.7	10	ug/l	100		96	60-120	5	25	
Butyl benzyl phthalate	123	20	ug/l	100		123	55-130	0	20	
4-Chloro-3-methylphenol	89.5	20	ug/l	100		90	60-120	14	25	
4-Chloroaniline	83.3	10	ug/l	100		83	55-120	12	25	
Bis(2-chloroethoxy)methane	85.9	10	ug/l	100		86	55-120	8	20	
Bis(2-chloroethyl)ether	82.2	10	ug/l	100		82	50-120	8	20	
Bis(2-chloroisopropyl)ether	85.4	10	ug/l	100		85	45-120	10	20	
2-Chloronaphthalene	85.9	10	ug/l	100		86	60-120	1	20	
2-Chlorophenol	72.3	10	ug/l	100		72	45-120	11	25	
4-Chlorophenyl phenyl ether	89.9	10	ug/l	100		90	65-120	4	20	
Chrysene	95.5	10	ug/l	100		95	65-120	2	20	
Dibenz(a,h)anthracene	99.6	20	ug/l	100		100	50-135	6	25	
Dibenzofuran	90.4	10	ug/l	100		90	65-120	5	20	
Di-n-butyl phthalate	123	20	ug/l	100		123	60-125	0	20	
1,2-Dichlorobenzene	71.1	10	ug/l	100		71	40-120	9	25	
1,3-Dichlorobenzene	67.2	10	ug/l	100		67	35-120	10	25	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12065 Extracted: 11/12/08										
LCS Dup Analyzed: 11/14/2008 (8K12065-BSD1)										
1,4-Dichlorobenzene	65.9	10	ug/l	100		66	35-120	10	25	
3,3'-Dichlorobenzidine	87.3	20	ug/l	100		87	45-135	7	25	
2,4-Dichlorophenol	84.5	10	ug/l	100		84	55-120	9	20	
Diethyl phthalate	95.9	10	ug/l	100		96	55-120	4	30	
2,4-Dimethylphenol	77.1	20	ug/l	100		77	40-120	8	25	
Dimethyl phthalate	91.9	10	ug/l	100		92	30-120	3	30	
4,6-Dinitro-2-methylphenol	106	20	ug/l	100		106	45-120	5	25	
2,4-Dinitrophenol	82.5	20	ug/l	100		82	40-120	13	25	
2,4-Dinitrotoluene	95.4	10	ug/l	100		95	65-120	3	20	
2,6-Dinitrotoluene	89.5	10	ug/l	100		90	65-120	3	20	
Di-n-octyl phthalate	120	20	ug/l	100		120	65-135	3	20	
1,2-Diphenylhydrazine/Azobenzene	90.0	20	ug/l	100		90	60-120	5	25	
Bis(2-ethylhexyl)phthalate	115	50	ug/l	100		115	65-130	1	20	
Fluoranthene	108	10	ug/l	100		108	60-120	3	20	
Fluorene	88.1	10	ug/l	100		88	65-120	5	20	
Hexachlorobenzene	87.6	10	ug/l	100		88	60-120	9	20	
Hexachlorobutadiene	76.1	10	ug/l	100		76	40-120	8	25	
Hexachlorocyclopentadiene	82.0	20	ug/l	100		82	25-120	0	30	
Hexachloroethane	65.0	10	ug/l	100		65	35-120	10	25	
Indeno(1,2,3-cd)pyrene	98.4	20	ug/l	100		98	45-135	9	25	
Isophorone	84.5	10	ug/l	100		85	50-120	11	20	
2-Methylnaphthalene	86.6	10	ug/l	100		87	55-120	10	20	
2-Methylphenol	78.5	10	ug/l	100		78	50-120	7	20	
4-Methylphenol	77.2	10	ug/l	100		77	50-120	10	20	
Naphthalene	76.7	10	ug/l	100		77	55-120	8	20	
2-Nitroaniline	110	20	ug/l	100		110	65-120	4	20	
3-Nitroaniline	89.4	20	ug/l	100		89	60-120	13	25	
4-Nitroaniline	98.7	20	ug/l	100		99	55-125	6	20	
Nitrobenzene	84.1	20	ug/l	100		84	55-120	11	25	
2-Nitrophenol	84.4	10	ug/l	100		84	50-120	12	25	
4-Nitrophenol	88.0	20	ug/l	100		88	45-120	11	30	
N-Nitroso-di-n-propylamine	88.3	10	ug/l	100		88	45-120	10	20	
N-Nitrosodiphenylamine	96.5	10	ug/l	100		97	60-120	7	20	
Pentachlorophenol	101	20	ug/l	100		101	50-120	9	25	
Phenanthrene	103	10	ug/l	100		103	65-120	6	20	
Phenol	68.1	10	ug/l	100		68	40-120	13	25	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12065 Extracted: 11/12/08										
LCS Dup Analyzed: 11/14/2008 (8K12065-BSD1)										
Pyrene	90.4	10	ug/l	100		90	55-125	4	25	
1,2,4-Trichlorobenzene	75.1	10	ug/l	100		75	45-120	9	20	
2,4,5-Trichlorophenol	91.7	20	ug/l	100		92	55-120	3	30	
2,4,6-Trichlorophenol	87.9	20	ug/l	100		88	55-120	3	30	
Surrogate: 2,4,6-Tribromophenol	*183*		*ug/l*	*200*		*91*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*86.1*		*ug/l*	*100*		*86*	*50-120*			
Surrogate: 2-Fluorophenol	*136*		*ug/l*	*200*		*68*	*30-120*			
Surrogate: Nitrobenzene-d5	*84.5*		*ug/l*	*100*		*85*	*45-120*			
Surrogate: Phenol-d6	*145*		*ug/l*	*200*		*73*	*35-120*			
Surrogate: Terphenyl-d14	*104*		*ug/l*	*100*		*104*	*50-125*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Blank Analyzed: 11/11/2008 (8K11036-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Blank Analyzed: 11/11/2008 (8K11036-BLK1)										
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*5790*		*ug/kg*	*6670*		*87*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2860*		*ug/kg*	*3330*		*86*	*35-120*			
Surrogate: 2-Fluorophenol	*4750*		*ug/kg*	*6670*		*71*	*25-120*			
Surrogate: Nitrobenzene-d5	*2430*		*ug/kg*	*3330*		*73*	*30-120*			

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Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Blank Analyzed: 11/11/2008 (8K11036-BLK1)										
Surrogate: Phenol-d6	*5010*		*ug/kg*	*6670*		*75*	*35-120*			
Surrogate: Terphenyl-d14	*3600*		*ug/kg*	*3330*		*108*	*40-135*			
LCS Analyzed: 11/11/2008 (8K11036-BS1)										
Acenaphthene	2600	330	ug/kg	3330		78	50-120			
Acenaphthylene	2520	330	ug/kg	3330		76	50-120			
Aniline	2020	420	ug/kg	3330		61	25-120			
Anthracene	3010	330	ug/kg	3330		90	55-120			
Benzidine	2020	660	ug/kg	3330		61	20-120			
Benzo(a)anthracene	2990	330	ug/kg	3330		90	55-120			
Benzo(a)pyrene	3170	330	ug/kg	3330		95	50-125			
Benzo(b)fluoranthene	2830	330	ug/kg	3330		85	45-125			
Benzo(g,h,i)perylene	3780	330	ug/kg	3330		113	35-130			
Benzo(k)fluoranthene	2980	330	ug/kg	3330		90	45-125			
Benzoic acid	2100	830	ug/kg	3330		63	20-120			
Benzyl alcohol	2280	330	ug/kg	3330		68	35-120			
4-Bromophenyl phenyl ether	3190	330	ug/kg	3330		96	45-120			
Butyl benzyl phthalate	2750	330	ug/kg	3330		83	50-125			
4-Chloro-3-methylphenol	2850	330	ug/kg	3330		85	50-125			
4-Chloroaniline	1980	330	ug/kg	3330		59	20-120			
Bis(2-chloroethoxy)methane	2570	330	ug/kg	3330		77	45-120			
Bis(2-chloroethyl)ether	2340	170	ug/kg	3330		70	35-120			
Bis(2-chloroisopropyl)ether	2260	330	ug/kg	3330		68	40-120			
2-Chloronaphthalene	2530	330	ug/kg	3330		76	45-120			
2-Chlorophenol	2380	330	ug/kg	3330		71	40-120			
4-Chlorophenyl phenyl ether	2820	330	ug/kg	3330		85	55-120			
Chrysene	2880	330	ug/kg	3330		86	55-120			
Dibenz(a,h)anthracene	3750	420	ug/kg	3330		112	40-135			
Dibenzofuran	2800	330	ug/kg	3330		84	55-120			
Di-n-butyl phthalate	3360	330	ug/kg	3330		101	50-125			
1,2-Dichlorobenzene	2300	330	ug/kg	3330		69	40-120			
1,3-Dichlorobenzene	2150	330	ug/kg	3330		65	35-120			
1,4-Dichlorobenzene	2190	330	ug/kg	3330		66	35-120			
3,3'-Dichlorobenzidine	2390	830	ug/kg	3330		72	20-130			
2,4-Dichlorophenol	2810	330	ug/kg	3330		84	45-120			
Diethyl phthalate	2940	330	ug/kg	3330		88	50-125			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
LCS Analyzed: 11/11/2008 (8K11036-BS1)										
2,4-Dimethylphenol	2440	330	ug/kg	3330		73	40-120			
Dimethyl phthalate	2830	330	ug/kg	3330		85	50-125			
4,6-Dinitro-2-methylphenol	2690	420	ug/kg	3330		81	40-120			
2,4-Dinitrophenol	2250	660	ug/kg	3330		68	25-120			
2,4-Dinitrotoluene	2730	330	ug/kg	3330		82	55-125			
2,6-Dinitrotoluene	2750	330	ug/kg	3330		83	55-125			
Di-n-octyl phthalate	2990	330	ug/kg	3330		90	50-135			
1,2-Diphenylhydrazine/Azobenzene	2770	330	ug/kg	3330		83	50-125			
Bis(2-ethylhexyl)phthalate	2890	330	ug/kg	3330		87	50-130			
Fluoranthene	3170	330	ug/kg	3330		95	55-120			
Fluorene	2740	330	ug/kg	3330		82	55-120			
Hexachlorobenzene	3090	330	ug/kg	3330		93	50-120			
Hexachlorobutadiene	2730	330	ug/kg	3330		82	40-120			
Hexachlorocyclopentadiene	2930	830	ug/kg	3330		88	30-125			
Hexachloroethane	2330	330	ug/kg	3330		70	40-120			
Indeno(1,2,3-cd)pyrene	3730	330	ug/kg	3330		112	30-135			
Isophorone	2340	330	ug/kg	3330		70	40-120			
2-Methylnaphthalene	2800	330	ug/kg	3330		84	45-120			
2-Methylphenol	2450	330	ug/kg	3330		73	40-120			
4-Methylphenol	2680	330	ug/kg	3330		81	45-120			
Naphthalene	2460	330	ug/kg	3330		74	45-120			
2-Nitroaniline	2620	330	ug/kg	3330		79	50-125			
3-Nitroaniline	2570	330	ug/kg	3330		77	35-120			
4-Nitroaniline	2370	830	ug/kg	3330		71	45-125			
Nitrobenzene	2300	330	ug/kg	3330		69	45-120			
2-Nitrophenol	2520	330	ug/kg	3330		75	45-120			
4-Nitrophenol	2720	830	ug/kg	3330		82	40-125			
N-Nitroso-di-n-propylamine	2450	250	ug/kg	3330		73	40-120			
N-Nitrosodiphenylamine	2960	330	ug/kg	3330		89	50-120			
Pentachlorophenol	2490	830	ug/kg	3330		75	40-120			
Phenanthrene	2930	330	ug/kg	3330		88	50-120			
Phenol	2340	330	ug/kg	3330		70	40-120			
Pyrene	2510	330	ug/kg	3330		75	45-125			
1,2,4-Trichlorobenzene	2530	330	ug/kg	3330		76	40-120			
2,4,5-Trichlorophenol	2880	330	ug/kg	3330		86	50-120			
2,4,6-Trichlorophenol	3040	330	ug/kg	3330		91	50-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
LCS Analyzed: 11/11/2008 (8K11036-BS1)										
Surrogate: 2,4,6-Tribromophenol	*5590*		*ug/kg*	*6670*		*84*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2670*		*ug/kg*	*3330*		*80*	*35-120*			
Surrogate: 2-Fluorophenol	*4620*		*ug/kg*	*6670*		*69*	*25-120*			
Surrogate: Nitrobenzene-d5	*2410*		*ug/kg*	*3330*		*72*	*30-120*			
Surrogate: Phenol-d6	*4980*		*ug/kg*	*6670*		*75*	*35-120*			
Surrogate: Terphenyl-d14	*3140*		*ug/kg*	*3330*		*94*	*40-135*			
Matrix Spike Analyzed: 11/11/2008 (8K11036-MS1)					**Source: IRK0970-09**					
Acenaphthene	13200	1700	ug/kg	16600	ND	80	45-120			
Acenaphthylene	12800	1700	ug/kg	16600	ND	77	45-120			
Aniline	ND	2100	ug/kg	16600	ND		25-120			*M2*
Anthracene	15200	1700	ug/kg	16600	ND	92	55-120			
Benzidine	ND	3300	ug/kg	16600	ND		20-120			*M2*
Benzo(a)anthracene	17800	1700	ug/kg	16600	ND	108	50-120			
Benzo(a)pyrene	17100	1700	ug/kg	16600	ND	104	45-125			
Benzo(b)fluoranthene	24600	1700	ug/kg	16600	ND	148	45-125			*M1*
Benzo(g,h,i)perylene	9950	1700	ug/kg	16600	ND	60	25-130			
Benzo(k)fluoranthene	12500	1700	ug/kg	16600	ND	75	45-125			
Benzoic acid	16800	4100	ug/kg	16600	ND	101	20-120			
Benzyl alcohol	13800	1700	ug/kg	16600	ND	84	20-120			
4-Bromophenyl phenyl ether	15800	1700	ug/kg	16600	ND	95	45-120			
Butyl benzyl phthalate	15300	1700	ug/kg	16600	ND	92	45-125			
4-Chloro-3-methylphenol	15200	1700	ug/kg	16600	ND	92	50-125			
4-Chloroaniline	ND	1700	ug/kg	16600	ND		20-120			*M2*
Bis(2-chloroethoxy)methane	12900	1700	ug/kg	16600	ND	78	45-120			
Bis(2-chloroethyl)ether	10700	830	ug/kg	16600	ND	65	35-110			
Bis(2-chloroisopropyl)ether	11300	1700	ug/kg	16600	ND	68	40-120			
2-Chloronaphthalene	12600	1700	ug/kg	16600	ND	76	45-120			
2-Chlorophenol	11300	1700	ug/kg	16600	ND	68	40-120			
4-Chlorophenyl phenyl ether	13700	1700	ug/kg	16600	ND	83	50-120			
Chrysene	13600	1700	ug/kg	16600	ND	82	55-120			
Dibenz(a,h)anthracene	11100	2100	ug/kg	16600	ND	67	25-135			
Dibenzofuran	14300	1700	ug/kg	16600	ND	86	50-120			
Di-n-butyl phthalate	17300	1700	ug/kg	16600	ND	104	50-125			
1,2-Dichlorobenzene	10400	1700	ug/kg	16600	ND	63	40-120			
1,3-Dichlorobenzene	9820	1700	ug/kg	16600	ND	59	35-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Matrix Spike Analyzed: 11/11/2008 (8K11036-MS1)					**Source: IRK0970-09**					
1,4-Dichlorobenzene	10100	1700	ug/kg	16600	ND	61	35-120			
3,3'-Dichlorobenzidine	ND	4100	ug/kg	16600	ND		20-130			*M2*
2,4-Dichlorophenol	13900	1700	ug/kg	16600	ND	84	45-120			
Diethyl phthalate	15100	1700	ug/kg	16600	ND	91	50-125			
2,4-Dimethylphenol	13200	1700	ug/kg	16600	ND	80	30-120			
Dimethyl phthalate	14200	1700	ug/kg	16600	ND	86	45-125			
4,6-Dinitro-2-methylphenol	16100	2100	ug/kg	16600	ND	97	35-120			
2,4-Dinitrophenol	16700	3300	ug/kg	16600	ND	101	20-120			
2,4-Dinitrotoluene	14500	1700	ug/kg	16600	ND	87	50-125			
2,6-Dinitrotoluene	13900	1700	ug/kg	16600	ND	84	50-125			
Di-n-octyl phthalate	16100	1700	ug/kg	16600	ND	97	50-135			
1,2-Diphenylhydrazine/Azobenzene	13300	1700	ug/kg	16600	ND	80	50-125			
Bis(2-ethylhexyl)phthalate	17200	1700	ug/kg	16600	ND	104	45-130			
Fluoranthene	16500	1700	ug/kg	16600	ND	100	45-120			
Fluorene	13900	1700	ug/kg	16600	ND	84	50-120			
Hexachlorobenzene	14400	1700	ug/kg	16600	ND	87	50-120			
Hexachlorobutadiene	13000	1700	ug/kg	16600	ND	79	40-120			
Hexachlorocyclopentadiene	15300	4100	ug/kg	16600	ND	92	20-125			
Hexachloroethane	10900	1700	ug/kg	16600	ND	66	35-120			
Indeno(1,2,3-cd)pyrene	13300	1700	ug/kg	16600	ND	80	20-130			
Isophorone	11400	1700	ug/kg	16600	ND	69	40-120			
2-Methylnaphthalene	13500	1700	ug/kg	16600	ND	82	40-120			
2-Methylphenol	12400	1700	ug/kg	16600	ND	75	40-120			
4-Methylphenol	32100	1700	ug/kg	16600	20600	69	45-120			
Naphthalene	12200	1700	ug/kg	16600	ND	74	40-120			
2-Nitroaniline	8920	1700	ug/kg	16600	ND	54	45-120			
3-Nitroaniline	8910	1700	ug/kg	16600	ND	54	30-120			
4-Nitroaniline	586	4100	ug/kg	16600	ND	4	40-125			*M2*
Nitrobenzene	11700	1700	ug/kg	16600	ND	70	40-120			
2-Nitrophenol	13000	1700	ug/kg	16600	ND	78	40-120			
4-Nitrophenol	1650	4100	ug/kg	16600	ND	10	35-125			*M2*
N-Nitroso-di-n-propylamine	11600	1200	ug/kg	16600	ND	70	35-120			
N-Nitrosodiphenylamine	12300	1700	ug/kg	16600	ND	74	45-125			
Pentachlorophenol	17900	4100	ug/kg	16600	ND	108	30-120			
Phenanthrene	14500	1700	ug/kg	16600	ND	88	50-120			
Phenol	10800	1700	ug/kg	16600	ND	65	40-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Matrix Spike Analyzed: 11/11/2008 (8K11036-MS1)					**Source: IRK0970-09**					
Pyrene	14800	1700	ug/kg	16600	ND	90	40-125			
1,2,4-Trichlorobenzene	12000	1700	ug/kg	16600	ND	72	40-120			
2,4,5-Trichlorophenol	16000	1700	ug/kg	16600	ND	97	45-120			
2,4,6-Trichlorophenol	15600	1700	ug/kg	16600	ND	94	45-120			
Surrogate: 2,4,6-Tribromophenol	*29300*		*ug/kg*	*33100*		*88*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*12900*		*ug/kg*	*16600*		*78*	*35-120*			
Surrogate: 2-Fluorophenol	*21500*		*ug/kg*	*33100*		*65*	*25-120*			
Surrogate: Nitrobenzene-d5	*11700*		*ug/kg*	*16600*		*71*	*30-120*			
Surrogate: Phenol-d6	*23000*		*ug/kg*	*33100*		*70*	*35-120*			
Surrogate: Terphenyl-d14	*18100*		*ug/kg*	*16600*		*109*	*40-135*			
Matrix Spike Dup Analyzed: 11/11/2008 (8K11036-MSD1)					**Source: IRK0970-09**					
Acenaphthene	13500	1700	ug/kg	16700	ND	81	45-120	2	25	
Acenaphthylene	13000	1700	ug/kg	16700	ND	78	45-120	2	20	
Aniline	ND	2100	ug/kg	16700	ND		25-120		30	*M2*
Anthracene	15400	1700	ug/kg	16700	ND	92	55-120	2	25	
Benzidine	ND	3300	ug/kg	16700	ND		20-120		30	*M2*
Benzo(a)anthracene	17100	1700	ug/kg	16700	ND	102	50-120	4	25	
Benzo(a)pyrene	16600	1700	ug/kg	16700	ND	99	45-125	3	25	
Benzo(b)fluoranthene	24200	1700	ug/kg	16700	ND	145	45-125	2	30	*M1*
Benzo(g,h,i)perylene	11900	1700	ug/kg	16700	ND	72	25-130	18	30	
Benzo(k)fluoranthene	12400	1700	ug/kg	16700	ND	74	45-125	1	30	
Benzoic acid	17300	4200	ug/kg	16700	ND	104	20-120	3	30	
Benzyl alcohol	14200	1700	ug/kg	16700	ND	85	20-120	3	30	
4-Bromophenyl phenyl ether	15900	1700	ug/kg	16700	ND	95	45-120	0	20	
Butyl benzyl phthalate	15400	1700	ug/kg	16700	ND	92	45-125	1	25	
4-Chloro-3-methylphenol	15100	1700	ug/kg	16700	ND	91	50-125	1	25	
4-Chloroaniline	ND	1700	ug/kg	16700	ND		20-120		30	*M2*
Bis(2-chloroethoxy)methane	13500	1700	ug/kg	16700	ND	81	45-120	5	25	
Bis(2-chloroethyl)ether	11200	840	ug/kg	16700	ND	67	35-110	5	25	
Bis(2-chloroisopropyl)ether	11500	1700	ug/kg	16700	ND	69	40-120	2	25	
2-Chloronaphthalene	13100	1700	ug/kg	16700	ND	79	45-120	4	20	
2-Chlorophenol	11900	1700	ug/kg	16700	ND	72	40-120	5	20	
4-Chlorophenyl phenyl ether	13500	1700	ug/kg	16700	ND	81	50-120	2	25	
Chrysene	13500	1700	ug/kg	16700	ND	81	55-120	1	25	
Dibenz(a,h)anthracene	12800	2100	ug/kg	16700	ND	77	25-135	14	30	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Matrix Spike Dup Analyzed: 11/11/2008 (8K11036-MSD1)					**Source: IRK0970-09**					
Dibenzofuran	14100	1700	ug/kg	16700	ND	85	50-120	1	25	
Di-n-butyl phthalate	16500	1700	ug/kg	16700	ND	99	50-125	4	25	
1,2-Dichlorobenzene	11300	1700	ug/kg	16700	ND	68	40-120	8	25	
1,3-Dichlorobenzene	10500	1700	ug/kg	16700	ND	63	35-120	7	25	
1,4-Dichlorobenzene	10800	1700	ug/kg	16700	ND	65	35-120	7	25	
3,3'-Dichlorobenzidine	ND	4200	ug/kg	16700	ND		20-130		25	*M2*
2,4-Dichlorophenol	14300	1700	ug/kg	16700	ND	86	45-120	3	25	
Diethyl phthalate	15100	1700	ug/kg	16700	ND	90	50-125	0	25	
2,4-Dimethylphenol	13400	1700	ug/kg	16700	ND	81	30-120	2	25	
Dimethyl phthalate	14100	1700	ug/kg	16700	ND	84	45-125	1	25	
4,6-Dinitro-2-methylphenol	16800	2100	ug/kg	16700	ND	101	35-120	5	25	
2,4-Dinitrophenol	16100	3300	ug/kg	16700	ND	97	20-120	3	25	
2,4-Dinitrotoluene	14100	1700	ug/kg	16700	ND	85	50-125	2	25	
2,6-Dinitrotoluene	14200	1700	ug/kg	16700	ND	85	50-125	2	20	
Di-n-octyl phthalate	16400	1700	ug/kg	16700	ND	98	50-135	1	25	
1,2-Diphenylhydrazine/Azobenzene	13000	1700	ug/kg	16700	ND	78	50-125	2	25	
Bis(2-ethylhexyl)phthalate	17100	1700	ug/kg	16700	ND	103	45-130	0	25	
Fluoranthene	16200	1700	ug/kg	16700	ND	97	45-120	2	25	
Fluorene	13800	1700	ug/kg	16700	ND	83	50-120	1	25	
Hexachlorobenzene	15000	1700	ug/kg	16700	ND	90	50-120	4	25	
Hexachlorobutadiene	13900	1700	ug/kg	16700	ND	83	40-120	6	25	
Hexachlorocyclopentadiene	16100	4200	ug/kg	16700	ND	96	20-125	5	30	
Hexachloroethane	11700	1700	ug/kg	16700	ND	70	35-120	7	30	
Indeno(1,2,3-cd)pyrene	16000	1700	ug/kg	16700	ND	96	20-130	18	30	
Isophorone	11800	1700	ug/kg	16700	ND	71	40-120	3	25	
2-Methylnaphthalene	14000	1700	ug/kg	16700	ND	84	40-120	3	20	
2-Methylphenol	12500	1700	ug/kg	16700	ND	75	40-120	1	25	
4-Methylphenol	33300	1700	ug/kg	16700	20600	76	45-120	4	25	
Naphthalene	12800	1700	ug/kg	16700	ND	77	40-120	5	25	
2-Nitroaniline	ND	1700	ug/kg	16700	ND		45-120		25	*M2*
3-Nitroaniline	8610	1700	ug/kg	16700	ND	52	30-120	3	25	
4-Nitroaniline	693	4200	ug/kg	16700	ND	4	40-125	17	30	*M2*
Nitrobenzene	12600	1700	ug/kg	16700	ND	76	40-120	8	25	
2-Nitrophenol	14100	1700	ug/kg	16700	ND	85	40-120	8	25	
4-Nitrophenol	1650	4200	ug/kg	16700	ND	10	35-125	0	30	*M2*
N-Nitroso-di-n-propylamine	12100	1200	ug/kg	16700	ND	73	35-120	4	25	

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11036 Extracted: 11/11/08										
Matrix Spike Dup Analyzed: 11/11/2008 (8K11036-MSD1)					**Source: IRK0970-09**					
N-Nitrosodiphenylamine	12200	1700	ug/kg	16700	ND	73	45-125	0	25	
Pentachlorophenol	18500	4200	ug/kg	16700	ND	111	30-120	3	25	
Phenanthrene	14500	1700	ug/kg	16700	ND	87	50-120	0	25	
Phenol	11200	1700	ug/kg	16700	ND	67	40-120	3	25	
Pyrene	15200	1700	ug/kg	16700	ND	91	40-125	2	30	
1,2,4-Trichlorobenzene	13000	1700	ug/kg	16700	ND	78	40-120	8	25	
2,4,5-Trichlorophenol	15500	1700	ug/kg	16700	ND	93	45-120	3	20	
2,4,6-Trichlorophenol	15600	1700	ug/kg	16700	ND	93	45-120	0	25	
Surrogate: 2,4,6-Tribromophenol	*29500*		*ug/kg*	*33300*		*89*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*13200*		*ug/kg*	*16700*		*79*	*35-120*			
Surrogate: 2-Fluorophenol	*21900*		*ug/kg*	*33300*		*66*	*25-120*			
Surrogate: Nitrobenzene-d5	*12300*		*ug/kg*	*16700*		*74*	*30-120*			
Surrogate: Phenol-d6	*23600*		*ug/kg*	*33300*		*71*	*35-120*			
Surrogate: Terphenyl-d14	*18500*		*ug/kg*	*16700*		*111*	*40-135*			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Blank Analyzed: 11/17/2008 (8K15039-BLK1)										
Acenaphthene	ND	0.050	mg/l							
Acenaphthylene	ND	0.050	mg/l							
Aniline	ND	0.050	mg/l							
Anthracene	ND	0.050	mg/l							
Benzidine	ND	0.50	mg/l							
Benzo(a)anthracene	ND	0.050	mg/l							
Benzo(a)pyrene	ND	0.050	mg/l							
Benzo(b)fluoranthene	ND	0.050	mg/l							
Benzo(g,h,i)perylene	ND	0.050	mg/l							
Benzo(k)fluoranthene	ND	0.050	mg/l							
Benzoic acid	ND	0.50	mg/l							
Benzyl alcohol	ND	0.10	mg/l							
4-Bromophenyl phenyl ether	ND	0.050	mg/l							
Butyl benzyl phthalate	ND	0.10	mg/l							
4-Chloro-3-methylphenol	ND	0.10	mg/l							
4-Chloroaniline	ND	0.050	mg/l							
Bis(2-chloroethoxy)methane	ND	0.050	mg/l							
Bis(2-chloroethyl)ether	ND	0.050	mg/l							
Bis(2-chloroisopropyl)ether	ND	0.050	mg/l							
2-Chloronaphthalene	ND	0.050	mg/l							
2-Chlorophenol	ND	0.050	mg/l							
4-Chlorophenyl phenyl ether	ND	0.050	mg/l							
Chrysene	ND	0.050	mg/l							
Dibenz(a,h)anthracene	ND	0.10	mg/l							
Dibenzofuran	ND	0.050	mg/l							
Di-n-butyl phthalate	ND	0.10	mg/l							
1,2-Dichlorobenzene	ND	0.050	mg/l							
1,3-Dichlorobenzene	ND	0.050	mg/l							
1,4-Dichlorobenzene	ND	0.050	mg/l							
3,3'-Dichlorobenzidine	ND	0.20	mg/l							
2,4-Dichlorophenol	ND	0.050	mg/l							
Diethyl phthalate	ND	0.050	mg/l							
2,4-Dimethylphenol	ND	0.10	mg/l							
Dimethyl phthalate	ND	0.050	mg/l							
4,6-Dinitro-2-methylphenol	ND	0.20	mg/l							
2,4-Dinitrophenol	ND	0.50	mg/l							

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Blank Analyzed: 11/17/2008 (8K15039-BLK1)										
2,4-Dinitrotoluene	ND	0.050	mg/l							
2,6-Dinitrotoluene	ND	0.050	mg/l							
Di-n-octyl phthalate	ND	0.20	mg/l							
1,2-Diphenylhydrazine/Azobenzene	ND	0.10	mg/l							
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/l							
Fluoranthene	ND	0.050	mg/l							
Fluorene	ND	0.050	mg/l							
Hexachlorobenzene	ND	0.050	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Hexachlorocyclopentadiene	ND	0.20	mg/l							
Hexachloroethane	ND	0.050	mg/l							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/l							
Isophorone	ND	0.050	mg/l							
2-Methylnaphthalene	ND	0.050	mg/l							
2-Methylphenol	ND	0.050	mg/l							
4-Methylphenol	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
2-Nitroaniline	ND	0.10	mg/l							
3-Nitroaniline	ND	0.10	mg/l							
4-Nitroaniline	ND	0.50	mg/l							
Nitrobenzene	ND	0.20	mg/l							
2-Nitrophenol	ND	0.050	mg/l							
4-Nitrophenol	ND	0.50	mg/l							
N-Nitroso-di-n-propylamine	ND	0.10	mg/l							
N-Nitrosodiphenylamine	ND	0.050	mg/l							
Pentachlorophenol	ND	0.20	mg/l							
Phenanthrene	ND	0.050	mg/l							
Phenol	ND	0.050	mg/l							
Pyrene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
2,4,5-Trichlorophenol	ND	0.10	mg/l							
2,4,6-Trichlorophenol	ND	0.10	mg/l							
Surrogate: 2,4,6-Tribromophenol	*0.834*		*mg/l*	*1.00*		*83*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.359*		*mg/l*	*0.500*		*72*	*45-120*			
Surrogate: 2-Fluorophenol	*0.665*		*mg/l*	*1.00*		*67*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.395*		*mg/l*	*0.500*		*79*	*40-120*			

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Blank Analyzed: 11/17/2008 (8K15039-BLK1)										
Surrogate: Phenol-d6	*0.696*		*mg/l*	*1.00*		*70*	*45-120*			
Surrogate: Terphenyl-d14	*0.376*		*mg/l*	*0.500*		*75*	*45-135*			
LCS Analyzed: 11/17/2008 (8K15039-BS1)										
Acenaphthene	0.416	0.050	mg/l	0.500		83	60-120			
Acenaphthylene	0.410	0.050	mg/l	0.500		82	60-120			
Aniline	0.350	0.050	mg/l	0.500		70	35-120			
Anthracene	0.487	0.050	mg/l	0.500		97	65-120			
Benzidine	0.358	0.50	mg/l	0.500		72	30-160			
Benzo(a)anthracene	0.448	0.050	mg/l	0.500		90	65-120			
Benzo(a)pyrene	0.462	0.050	mg/l	0.500		92	55-130			
Benzo(b)fluoranthene	0.447	0.050	mg/l	0.500		89	55-125			
Benzo(g,h,i)perylene	0.538	0.050	mg/l	0.500		108	45-135			
Benzo(k)fluoranthene	0.484	0.050	mg/l	0.500		97	50-125			
Benzoic acid	0.417	0.50	mg/l	0.500		83	25-120			
Benzyl alcohol	0.442	0.10	mg/l	0.500		88	50-120			
4-Bromophenyl phenyl ether	0.451	0.050	mg/l	0.500		90	60-120			
Butyl benzyl phthalate	0.586	0.10	mg/l	0.500		117	55-130			
4-Chloro-3-methylphenol	0.485	0.10	mg/l	0.500		97	60-120			
4-Chloroaniline	0.421	0.050	mg/l	0.500		84	55-120			
Bis(2-chloroethoxy)methane	0.426	0.050	mg/l	0.500		85	55-120			
Bis(2-chloroethyl)ether	0.413	0.050	mg/l	0.500		83	50-120			
Bis(2-chloroisopropyl)ether	0.481	0.050	mg/l	0.500		96	45-120			
2-Chloronaphthalene	0.407	0.050	mg/l	0.500		81	60-120			
2-Chlorophenol	0.372	0.050	mg/l	0.500		74	45-120			
4-Chlorophenyl phenyl ether	0.441	0.050	mg/l	0.500		88	65-120			
Chrysene	0.455	0.050	mg/l	0.500		91	65-120			
Dibenz(a,h)anthracene	0.453	0.10	mg/l	0.500		91	50-135			
Dibenzofuran	0.419	0.050	mg/l	0.500		84	65-120			
Di-n-butyl phthalate	0.560	0.10	mg/l	0.500		112	60-125			
1,2-Dichlorobenzene	0.384	0.050	mg/l	0.500		77	40-120			
1,3-Dichlorobenzene	0.363	0.050	mg/l	0.500		73	35-120			
1,4-Dichlorobenzene	0.354	0.050	mg/l	0.500		71	35-120			
3,3'-Dichlorobenzidine	0.351	0.20	mg/l	0.500		70	45-135			
2,4-Dichlorophenol	0.424	0.050	mg/l	0.500		85	55-120			
Diethyl phthalate	0.478	0.050	mg/l	0.500		96	55-120			

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Project ID: Oakland
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Report Number: IRK0970

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
LCS Analyzed: 11/17/2008 (8K15039-BS1)										
2,4-Dimethylphenol	0.356	0.10	mg/l	0.500		71	40-120			
Dimethyl phthalate	0.447	0.050	mg/l	0.500		89	30-120			
4,6-Dinitro-2-methylphenol	0.479	0.20	mg/l	0.500		96	45-120			
2,4-Dinitrophenol	0.356	0.50	mg/l	0.500		71	40-120			
2,4-Dinitrotoluene	0.446	0.050	mg/l	0.500		89	65-120			
2,6-Dinitrotoluene	0.429	0.050	mg/l	0.500		86	65-120			
Di-n-octyl phthalate	0.559	0.20	mg/l	0.500		112	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.450	0.10	mg/l	0.500		90	60-120			
Bis(2-ethylhexyl)phthalate	0.547	0.25	mg/l	0.500		109	65-130			
Fluoranthene	0.517	0.050	mg/l	0.500		103	60-120			
Fluorene	0.440	0.050	mg/l	0.500		88	65-120			
Hexachlorobenzene	0.440	0.050	mg/l	0.500		88	60-120			
Hexachlorobutadiene	0.410	0.050	mg/l	0.500		82	40-120			
Hexachlorocyclopentadiene	0.297	0.20	mg/l	0.500		59	25-120			
Hexachloroethane	0.369	0.050	mg/l	0.500		74	35-120			
Indeno(1,2,3-cd)pyrene	0.462	0.10	mg/l	0.500		92	45-135			
Isophorone	0.461	0.050	mg/l	0.500		92	50-120			
2-Methylnaphthalene	0.441	0.050	mg/l	0.500		88	55-120			
2-Methylphenol	0.408	0.050	mg/l	0.500		82	50-120			
4-Methylphenol	0.418	0.050	mg/l	0.500		84	50-120			*M-3*
Naphthalene	0.404	0.050	mg/l	0.500		81	55-120			
2-Nitroaniline	0.508	0.10	mg/l	0.500		102	65-120			
3-Nitroaniline	0.460	0.10	mg/l	0.500		92	60-120			
4-Nitroaniline	0.455	0.50	mg/l	0.500		91	55-125			
Nitrobenzene	0.446	0.20	mg/l	0.500		89	55-120			
2-Nitrophenol	0.431	0.050	mg/l	0.500		86	50-120			
4-Nitrophenol	0.441	0.50	mg/l	0.500		88	45-120			
N-Nitroso-di-n-propylamine	0.467	0.10	mg/l	0.500		93	45-120			
N-Nitrosodiphenylamine	0.428	0.050	mg/l	0.500		86	60-120			
Pentachlorophenol	0.426	0.20	mg/l	0.500		85	50-120			
Phenanthrene	0.488	0.050	mg/l	0.500		98	65-120			
Phenol	0.341	0.050	mg/l	0.500		68	40-120			
Pyrene	0.458	0.050	mg/l	0.500		92	55-125			
1,2,4-Trichlorobenzene	0.394	0.050	mg/l	0.500		79	45-120			
2,4,5-Trichlorophenol	0.440	0.10	mg/l	0.500		88	55-120			
2,4,6-Trichlorophenol	0.422	0.10	mg/l	0.500		84	55-120			

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Sampled: 11/06/08-11/07/08
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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
LCS Analyzed: 11/17/2008 (8K15039-BS1)										
Surrogate: 2,4,6-Tribromophenol	*0.875*		*mg/l*	*1.00*		*87*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.392*		*mg/l*	*0.500*		*78*	*45-120*			
Surrogate: 2-Fluorophenol	*0.647*		*mg/l*	*1.00*		*65*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.422*		*mg/l*	*0.500*		*84*	*40-120*			
Surrogate: Phenol-d6	*0.736*		*mg/l*	*1.00*		*74*	*45-120*			
Surrogate: Terphenyl-d14	*0.440*		*mg/l*	*0.500*		*88*	*45-135*			
Matrix Spike Analyzed: 11/17/2008 (8K15039-MS1)					**Source: IRK0970-09**					
Acenaphthene	0.415	0.050	mg/l	0.500	ND	83	60-120			
Acenaphthylene	0.404	0.050	mg/l	0.500	ND	81	60-120			
Aniline	0.275	0.050	mg/l	0.500	ND	55	35-120			
Anthracene	0.498	0.050	mg/l	0.500	ND	100	65-120			
Benzidine	ND	0.50	mg/l	0.500	ND		30-160			*M2*
Benzo(a)anthracene	0.445	0.050	mg/l	0.500	ND	89	65-120			
Benzo(a)pyrene	0.468	0.050	mg/l	0.500	ND	94	55-130			
Benzo(b)fluoranthene	0.500	0.050	mg/l	0.500	ND	100	55-125			
Benzo(g,h,i)perylene	0.513	0.050	mg/l	0.500	ND	103	45-135			
Benzo(k)fluoranthene	0.514	0.050	mg/l	0.500	ND	103	55-125			
Benzoic acid	0.349	0.50	mg/l	0.500	ND	70	25-125			
Benzyl alcohol	0.585	0.10	mg/l	0.500	ND	117	40-120			
4-Bromophenyl phenyl ether	0.482	0.050	mg/l	0.500	ND	96	60-120			
Butyl benzyl phthalate	0.596	0.10	mg/l	0.500	ND	119	55-130			
4-Chloro-3-methylphenol	0.503	0.10	mg/l	0.500	ND	101	60-120			
4-Chloroaniline	0.0182	0.050	mg/l	0.500	ND	4	55-120			*M2*
Bis(2-chloroethoxy)methane	0.418	0.050	mg/l	0.500	ND	84	50-120			
Bis(2-chloroethyl)ether	0.441	0.050	mg/l	0.500	ND	88	50-120			
Bis(2-chloroisopropyl)ether	0.478	0.050	mg/l	0.500	ND	96	45-120			
2-Chloronaphthalene	0.413	0.050	mg/l	0.500	ND	83	60-120			
2-Chlorophenol	0.385	0.050	mg/l	0.500	ND	77	45-120			
4-Chlorophenyl phenyl ether	0.541	0.050	mg/l	0.500	ND	108	65-120			
Chrysene	0.439	0.050	mg/l	0.500	ND	88	65-120			
Dibenz(a,h)anthracene	0.423	0.10	mg/l	0.500	ND	85	45-135			
Dibenzofuran	0.438	0.050	mg/l	0.500	ND	88	65-120			
Di-n-butyl phthalate	0.572	0.10	mg/l	0.500	ND	114	60-125			
1,2-Dichlorobenzene	0.366	0.050	mg/l	0.500	ND	73	40-120			
1,3-Dichlorobenzene	0.348	0.050	mg/l	0.500	ND	70	35-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Matrix Spike Analyzed: 11/17/2008 (8K15039-MS1)					**Source: IRK0970-09**					
1,4-Dichlorobenzene	0.347	0.050	mg/l	0.500	ND	69	35-120			
3,3'-Dichlorobenzidine	ND	0.20	mg/l	0.500	ND		45-135			*M2*
2,4-Dichlorophenol	0.441	0.050	mg/l	0.500	ND	88	55-120			
Diethyl phthalate	0.576	0.050	mg/l	0.500	ND	115	55-120			
2,4-Dimethylphenol	0.446	0.10	mg/l	0.500	ND	89	40-120			
Dimethyl phthalate	0.440	0.050	mg/l	0.500	ND	88	30-120			
4,6-Dinitro-2-methylphenol	0.364	0.20	mg/l	0.500	ND	73	45-120			
2,4-Dinitrophenol	0.359	0.50	mg/l	0.500	ND	72	40-120			
2,4-Dinitrotoluene	0.441	0.050	mg/l	0.500	ND	88	65-120			
2,6-Dinitrotoluene	0.419	0.050	mg/l	0.500	ND	84	65-120			
Di-n-octyl phthalate	0.586	0.20	mg/l	0.500	ND	117	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.475	0.10	mg/l	0.500	ND	95	60-120			
Bis(2-ethylhexyl)phthalate	0.550	0.25	mg/l	0.500	ND	110	65-130			
Fluoranthene	0.468	0.050	mg/l	0.500	ND	94	60-120			
Fluorene	0.536	0.050	mg/l	0.500	ND	107	65-120			
Hexachlorobenzene	0.444	0.050	mg/l	0.500	ND	89	60-120			
Hexachlorobutadiene	0.400	0.050	mg/l	0.500	ND	80	40-120			
Hexachlorocyclopentadiene	0.283	0.20	mg/l	0.500	ND	57	25-120			
Hexachloroethane	0.370	0.050	mg/l	0.500	ND	74	35-120			
Indeno(1,2,3-cd)pyrene	0.427	0.10	mg/l	0.500	ND	85	40-135			
Isophorone	0.514	0.050	mg/l	0.500	ND	103	50-120			
2-Methylnaphthalene	0.453	0.050	mg/l	0.500	ND	91	55-120			
2-Methylphenol	0.434	0.050	mg/l	0.500	ND	87	50-120			
Naphthalene	0.380	0.050	mg/l	0.500	ND	76	55-120			
2-Nitroaniline	0.464	0.10	mg/l	0.500	ND	93	65-120			
3-Nitroaniline	0.0357	0.10	mg/l	0.500	ND	7	60-120			*M2*
4-Nitroaniline	0.0220	0.50	mg/l	0.500	ND	4	55-125			*M2*
Nitrobenzene	0.418	0.20	mg/l	0.500	ND	84	55-120			
2-Nitrophenol	0.426	0.050	mg/l	0.500	ND	85	50-120			
4-Nitrophenol	0.410	0.50	mg/l	0.500	ND	82	45-120			
N-Nitroso-di-n-propylamine	0.460	0.10	mg/l	0.500	ND	92	45-120			
N-Nitrosodiphenylamine	0.453	0.050	mg/l	0.500	ND	91	60-120			
Pentachlorophenol	0.572	0.20	mg/l	0.500	ND	114	50-120			
Phenanthrene	0.478	0.050	mg/l	0.500	ND	96	65-120			
Phenol	0.364	0.050	mg/l	0.500	ND	73	40-120			
Pyrene	0.492	0.050	mg/l	0.500	ND	98	55-125			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Matrix Spike Analyzed: 11/17/2008 (8K15039-MS1)					**Source: IRK0970-09**					
1,2,4-Trichlorobenzene	0.390	0.050	mg/l	0.500	ND	78	45-120			
2,4,5-Trichlorophenol	0.462	0.10	mg/l	0.500	ND	92	55-120			
2,4,6-Trichlorophenol	0.444	0.10	mg/l	0.500	ND	89	55-120			
Surrogate: 2,4,6-Tribromophenol	*0.959*		*mg/l*	*1.00*		*96*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.390*		*mg/l*	*0.500*		*78*	*45-120*			
Surrogate: 2-Fluorophenol	*0.650*		*mg/l*	*1.00*		*65*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.406*		*mg/l*	*0.500*		*81*	*40-120*			
Surrogate: Phenol-d6	*0.770*		*mg/l*	*1.00*		*77*	*45-120*			
Surrogate: Terphenyl-d14	*0.438*		*mg/l*	*0.500*		*88*	*45-135*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11084 Extracted: 11/11/08										
Blank Analyzed: 11/14/2008 (8K11084-BLK1)										
Aroclor 1016	ND	1.0	ug/l							
Aroclor 1221	ND	1.0	ug/l							
Aroclor 1232	ND	1.0	ug/l							
Aroclor 1242	ND	1.0	ug/l							
Aroclor 1248	ND	1.0	ug/l							
Aroclor 1254	ND	1.0	ug/l							
Aroclor 1260	ND	1.0	ug/l							
Surrogate: Decachlorobiphenyl	*0.387*		*ug/l*	*0.500*		*77*	*45-120*			
LCS Analyzed: 11/14/2008 (8K11084-BS2)										**MNR1**
Aroclor 1016	3.58	1.0	ug/l	4.00		90	50-115			
Aroclor 1260	3.60	1.0	ug/l	4.00		90	60-120			
Surrogate: Decachlorobiphenyl	*0.432*		*ug/l*	*0.500*		*86*	*45-120*			
LCS Dup Analyzed: 11/14/2008 (8K11084-BSD2)										
Aroclor 1016	3.65	1.0	ug/l	4.00		91	50-115	2	30	
Aroclor 1260	3.66	1.0	ug/l	4.00		92	60-120	2	25	
Surrogate: Decachlorobiphenyl	*0.433*		*ug/l*	*0.500*		*87*	*45-120*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12105 Extracted: 11/12/08										
Blank Analyzed: 11/14/2008 (8K12105-BLK1)										
Aroclor 1016	ND	1.0	ug/Wipe							
Aroclor 1221	ND	1.0	ug/Wipe							
Aroclor 1232	ND	1.0	ug/Wipe							
Aroclor 1242	ND	1.0	ug/Wipe							
Aroclor 1248	ND	1.0	ug/Wipe							
Aroclor 1254	ND	1.0	ug/Wipe							
Aroclor 1260	ND	1.0	ug/Wipe							
Surrogate: Decachlorobiphenyl	*0.417*		*ug/Wipe*	*0.500*		*83*	*45-120*			
LCS Analyzed: 11/14/2008 (8K12105-BS1)										
Aroclor 1016	3.29	1.0	ug/Wipe	4.00		82	65-115			
Aroclor 1260	3.36	1.0	ug/Wipe	4.00		84	65-115			
Surrogate: Decachlorobiphenyl	*0.415*		*ug/Wipe*	*0.500*		*83*	*45-120*			
LCS Dup Analyzed: 11/14/2008 (8K12105-BSD1)										
Aroclor 1016	3.43	1.0	ug/Wipe	4.00		86	65-115	4	30	
Aroclor 1260	3.54	1.0	ug/Wipe	4.00		89	65-115	5	30	
Surrogate: Decachlorobiphenyl	*0.448*		*ug/Wipe*	*0.500*		*90*	*45-120*			
Batch: 8K13043 Extracted: 11/13/08										
Blank Analyzed: 11/14/2008 (8K13043-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*28.7*		*ug/kg*	*33.3*		*86*	*45-120*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13043 Extracted: 11/13/08										
LCS Analyzed: 11/14/2008 (8K13043-BS1)										
Aroclor 1016	222	50	ug/kg	267		83	65-115			
Aroclor 1260	220	50	ug/kg	267		83	65-115			
Surrogate: Decachlorobiphenyl	*26.3*		*ug/kg*	*33.3*		*79*	*45-120*			
Matrix Spike Analyzed: 11/15/2008 (8K13043-MS1)					**Source: IRK0970-02**					
Aroclor 1016	200	50	ug/kg	267	ND	75	50-120			
Aroclor 1260	206	50	ug/kg	267	ND	77	50-125			
Surrogate: Decachlorobiphenyl	*26.7*		*ug/kg*	*33.3*		*80*	*45-120*			
Matrix Spike Dup Analyzed: 11/15/2008 (8K13043-MSD1)					**Source: IRK0970-02**					
Aroclor 1016	218	50	ug/kg	267	ND	82	50-120	9	30	
Aroclor 1260	219	50	ug/kg	267	ND	82	50-125	6	30	
Surrogate: Decachlorobiphenyl	*27.5*		*ug/kg*	*33.3*		*82*	*45-120*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
Blank Analyzed: 11/15/2008 (8K14027-BLK1)										
Benzene	ND	0.020	mg/l							
Bromobenzene	ND	0.050	mg/l							
Bromochloromethane	ND	0.050	mg/l							
Bromodichloromethane	ND	0.020	mg/l							
Bromoform	ND	0.050	mg/l							
Bromomethane	ND	0.050	mg/l							
2-Butanone (MEK)	ND	0.10	mg/l							
n-Butylbenzene	ND	0.050	mg/l							
tert-Butylbenzene	ND	0.050	mg/l							
sec-Butylbenzene	ND	0.050	mg/l							
Carbon tetrachloride	ND	0.050	mg/l							
Chlorobenzene	ND	0.020	mg/l							
Chloroethane	ND	0.050	mg/l							
Chloroform	ND	0.020	mg/l							
Chloromethane	ND	0.050	mg/l							
4-Chlorotoluene	ND	0.050	mg/l							
2-Chlorotoluene	ND	0.050	mg/l							
1,2-Dibromo-3-chloropropane	ND	0.050	mg/l							
Dibromochloromethane	ND	0.020	mg/l							
1,2-Dibromoethane (EDB)	ND	0.020	mg/l							
Dibromomethane	ND	0.020	mg/l							
1,2-Dichlorobenzene	ND	0.020	mg/l							
1,3-Dichlorobenzene	ND	0.020	mg/l							
1,4-Dichlorobenzene	ND	0.020	mg/l							
Dichlorodifluoromethane	ND	0.050	mg/l							
1,1-Dichloroethane	ND	0.020	mg/l							
1,2-Dichloroethane	ND	0.020	mg/l							
1,1-Dichloroethene	ND	0.050	mg/l							
cis-1,2-Dichloroethene	ND	0.020	mg/l							
trans-1,2-Dichloroethene	ND	0.020	mg/l							
1,3-Dichloropropane	ND	0.020	mg/l							
2,2-Dichloropropane	ND	0.020	mg/l							
1,2-Dichloropropane	ND	0.020	mg/l							
cis-1,3-Dichloropropene	ND	0.020	mg/l							
trans-1,3-Dichloropropene	ND	0.020	mg/l							
1,1-Dichloropropene	ND	0.020	mg/l							

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
Blank Analyzed: 11/15/2008 (8K14027-BLK1)										
Ethylbenzene	ND	0.020	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Isopropylbenzene	ND	0.020	mg/l							
p-Isopropyltoluene	ND	0.020	mg/l							
Methylene chloride	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
n-Propylbenzene	ND	0.020	mg/l							
Styrene	ND	0.020	mg/l							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/l							
1,1,2,2-Tetrachloroethane	ND	0.020	mg/l							
Tetrachloroethene	ND	0.020	mg/l							
Toluene	ND	0.020	mg/l							
1,2,3-Trichlorobenzene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
1,1,1-Trichloroethane	ND	0.020	mg/l							
1,1,2-Trichloroethane	ND	0.020	mg/l							
Trichloroethene	ND	0.020	mg/l							
Trichlorofluoromethane	ND	0.050	mg/l							
1,2,3-Trichloropropane	ND	0.10	mg/l							
1,2,4-Trimethylbenzene	ND	0.020	mg/l							
1,3,5-Trimethylbenzene	ND	0.020	mg/l							
Vinyl chloride	ND	0.050	mg/l							
m,p-Xylenes	ND	0.020	mg/l							
o-Xylene	ND	0.020	mg/l							
Surrogate: 4-Bromofluorobenzene	*0.222*		*mg/l*	*0.250*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*0.223*		*mg/l*	*0.250*		*89*	*80-120*			
Surrogate: Toluene-d8	*0.223*		*mg/l*	*0.250*		*89*	*80-120*			

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
LCS Analyzed: 11/15/2008 (8K14027-BS1)										
Benzene	0.273	0.020	mg/l	0.250		109	70-120			
Bromobenzene	0.271	0.050	mg/l	0.250		108	75-120			
Bromochloromethane	0.269	0.050	mg/l	0.250		108	70-130			
Bromodichloromethane	0.266	0.020	mg/l	0.250		106	70-135			
Bromoform	0.236	0.050	mg/l	0.250		94	55-130			
Bromomethane	0.246	0.050	mg/l	0.250		98	65-140			
2-Butanone (MEK)	0.158	0.10	mg/l	0.250		63	40-140			
n-Butylbenzene	0.283	0.050	mg/l	0.250		113	70-130			
tert-Butylbenzene	0.293	0.050	mg/l	0.250		117	70-125			
sec-Butylbenzene	0.293	0.050	mg/l	0.250		117	70-125			
Carbon tetrachloride	0.262	0.050	mg/l	0.250		105	65-140			
Chlorobenzene	0.279	0.020	mg/l	0.250		112	75-120			
Chloroethane	0.249	0.050	mg/l	0.250		100	60-140			
Chloroform	0.258	0.020	mg/l	0.250		103	70-130			
Chloromethane	0.207	0.050	mg/l	0.250		83	50-140			
4-Chlorotoluene	0.282	0.050	mg/l	0.250		113	75-125			
2-Chlorotoluene	0.278	0.050	mg/l	0.250		111	70-125			
1,2-Dibromo-3-chloropropane	0.259	0.050	mg/l	0.250		104	50-135			
Dibromochloromethane	0.287	0.020	mg/l	0.250		115	70-140			
1,2-Dibromoethane (EDB)	0.280	0.020	mg/l	0.250		112	75-125			
Dibromomethane	0.265	0.020	mg/l	0.250		106	70-125			
1,2-Dichlorobenzene	0.292	0.020	mg/l	0.250		117	75-120			
1,3-Dichlorobenzene	0.284	0.020	mg/l	0.250		114	75-120			
1,4-Dichlorobenzene	0.275	0.020	mg/l	0.250		110	75-120			
Dichlorodifluoromethane	0.170	0.050	mg/l	0.250		68	35-155			
1,1-Dichloroethane	0.270	0.020	mg/l	0.250		108	70-125			
1,2-Dichloroethane	0.259	0.020	mg/l	0.250		103	60-140			
1,1-Dichloroethene	0.265	0.050	mg/l	0.250		106	70-125			
cis-1,2-Dichloroethene	0.279	0.020	mg/l	0.250		112	70-125			
trans-1,2-Dichloroethene	0.272	0.020	mg/l	0.250		109	70-125			
1,3-Dichloropropane	0.280	0.020	mg/l	0.250		112	70-120			
2,2-Dichloropropane	0.267	0.020	mg/l	0.250		107	65-140			
1,2-Dichloropropane	0.270	0.020	mg/l	0.250		108	70-125			
cis-1,3-Dichloropropene	0.319	0.020	mg/l	0.250		128	75-125			*L*
trans-1,3-Dichloropropene	0.251	0.020	mg/l	0.250		100	70-125			
1,1-Dichloropropene	0.284	0.020	mg/l	0.250		114	75-130			

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Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
LCS Analyzed: 11/15/2008 (8K14027-BS1)										
Ethylbenzene	0.274	0.020	mg/l	0.250		109	75-125			
Hexachlorobutadiene	0.282	0.050	mg/l	0.250		113	65-135			
Isopropylbenzene	0.271	0.020	mg/l	0.250		108	75-130			
p-Isopropyltoluene	0.300	0.020	mg/l	0.250		120	75-125			
Methylene chloride	0.257	0.050	mg/l	0.250		103	55-130			
Naphthalene	0.290	0.050	mg/l	0.250		116	55-135			
n-Propylbenzene	0.280	0.020	mg/l	0.250		112	75-130			
Styrene	0.289	0.020	mg/l	0.250		116	75-130			
1,1,1,2-Tetrachloroethane	0.280	0.050	mg/l	0.250		112	70-130			
1,1,2,2-Tetrachloroethane	0.293	0.020	mg/l	0.250		117	55-130			
Tetrachloroethene	0.263	0.020	mg/l	0.250		105	70-125			
Toluene	0.268	0.020	mg/l	0.250		107	70-120			
1,2,3-Trichlorobenzene	0.286	0.050	mg/l	0.250		115	65-125			
1,2,4-Trichlorobenzene	0.299	0.050	mg/l	0.250		120	70-135			
1,1,1-Trichloroethane	0.273	0.020	mg/l	0.250		109	65-135			
1,1,2-Trichloroethane	0.280	0.020	mg/l	0.250		112	70-125			
Trichloroethene	0.258	0.020	mg/l	0.250		103	70-125			
Trichlorofluoromethane	0.244	0.050	mg/l	0.250		97	65-145			
1,2,3-Trichloropropane	0.267	0.10	mg/l	0.250		107	60-130			
1,2,4-Trimethylbenzene	0.287	0.020	mg/l	0.250		115	75-125			
1,3,5-Trimethylbenzene	0.285	0.020	mg/l	0.250		114	75-125			
Vinyl chloride	0.235	0.050	mg/l	0.250		94	55-135			
m,p-Xylenes	0.567	0.020	mg/l	0.500		113	75-125			
Surrogate: 4-Bromofluorobenzene	*0.231*		*mg/l*	*0.250*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*0.228*		*mg/l*	*0.250*		*91*	*80-120*			
Surrogate: Toluene-d8	*0.226*		*mg/l*	*0.250*		*90*	*80-120*			
Matrix Spike Analyzed: 11/15/2008 (8K14027-MS1)					**Source: IRK0970-01**					
Benzene	0.279	0.020	mg/l	0.250	ND	112	65-125			
Bromobenzene	0.289	0.050	mg/l	0.250	ND	116	70-125			
Bromochloromethane	0.266	0.050	mg/l	0.250	ND	107	65-135			
Bromodichloromethane	0.272	0.020	mg/l	0.250	ND	109	70-135			
Bromoform	0.246	0.050	mg/l	0.250	ND	99	55-135			
Bromomethane	0.253	0.050	mg/l	0.250	ND	101	55-145			
2-Butanone (MEK)	0.193	0.10	mg/l	0.250	ND	77	30-145			
n-Butylbenzene	0.313	0.050	mg/l	0.250	ND	125	65-135			

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
Matrix Spike Analyzed: 11/15/2008 (8K14027-MS1)					**Source: IRK0970-01**					
tert-Butylbenzene	0.317	0.050	mg/l	0.250	ND	127	65-130			
sec-Butylbenzene	0.318	0.050	mg/l	0.250	ND	127	70-125			*M1*
Carbon tetrachloride	0.273	0.050	mg/l	0.250	ND	109	65-140			
Chlorobenzene	0.289	0.020	mg/l	0.250	ND	116	75-125			
Chloroethane	0.275	0.050	mg/l	0.250	ND	110	55-140			
Chloroform	0.254	0.020	mg/l	0.250	ND	101	65-135			
Chloromethane	0.215	0.050	mg/l	0.250	ND	86	45-145			
4-Chlorotoluene	0.304	0.050	mg/l	0.250	ND	121	70-135			
2-Chlorotoluene	0.306	0.050	mg/l	0.250	ND	122	65-135			
1,2-Dibromo-3-chloropropane	0.322	0.050	mg/l	0.250	ND	129	45-145			
Dibromochloromethane	0.300	0.020	mg/l	0.250	ND	120	65-140			
1,2-Dibromoethane (EDB)	0.286	0.020	mg/l	0.250	ND	114	70-130			
Dibromomethane	0.282	0.020	mg/l	0.250	ND	113	65-135			
1,2-Dichlorobenzene	0.302	0.020	mg/l	0.250	ND	121	75-125			
1,3-Dichlorobenzene	0.303	0.020	mg/l	0.250	ND	121	75-125			
1,4-Dichlorobenzene	0.300	0.020	mg/l	0.250	ND	120	75-125			
Dichlorodifluoromethane	0.175	0.050	mg/l	0.250	ND	70	25-155			
1,1-Dichloroethane	0.267	0.020	mg/l	0.250	ND	107	65-130			
1,2-Dichloroethane	0.267	0.020	mg/l	0.250	ND	107	60-140			
1,1-Dichloroethene	0.266	0.050	mg/l	0.250	ND	107	60-130			
cis-1,2-Dichloroethene	0.287	0.020	mg/l	0.250	ND	115	65-130			
trans-1,2-Dichloroethene	0.279	0.020	mg/l	0.250	ND	112	65-130			
1,3-Dichloropropane	0.290	0.020	mg/l	0.250	ND	116	65-135			
2,2-Dichloropropane	0.252	0.020	mg/l	0.250	ND	101	60-145			
1,2-Dichloropropane	0.274	0.020	mg/l	0.250	ND	110	65-130			
cis-1,3-Dichloropropene	0.329	0.020	mg/l	0.250	ND	131	70-130			*M7*
trans-1,3-Dichloropropene	0.260	0.020	mg/l	0.250	ND	104	65-135			
1,1-Dichloropropene	0.297	0.020	mg/l	0.250	ND	119	70-135			
Ethylbenzene	0.293	0.020	mg/l	0.250	ND	117	65-130			
Hexachlorobutadiene	0.304	0.050	mg/l	0.250	ND	122	60-135			
Isopropylbenzene	0.292	0.020	mg/l	0.250	ND	117	70-135			
p-Isopropyltoluene	0.329	0.020	mg/l	0.250	0.00780	129	65-130			
Methylene chloride	0.260	0.050	mg/l	0.250	0.0112	100	50-135			
Naphthalene	0.329	0.050	mg/l	0.250	ND	132	50-140			
n-Propylbenzene	0.305	0.020	mg/l	0.250	ND	122	70-135			
Styrene	0.310	0.020	mg/l	0.250	ND	124	50-145			

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Project Manager

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
Matrix Spike Analyzed: 11/15/2008 (8K14027-MS1)					**Source: IRK0970-01**					
1,1,1,2-Tetrachloroethane	0.297	0.050	mg/l	0.250	ND	119	65-140			
1,1,2,2-Tetrachloroethane	0.307	0.020	mg/l	0.250	ND	123	55-135			
Tetrachloroethene	0.283	0.020	mg/l	0.250	ND	113	65-130			
Toluene	0.281	0.020	mg/l	0.250	ND	112	70-125			
1,2,3-Trichlorobenzene	0.310	0.050	mg/l	0.250	ND	124	60-135			
1,2,4-Trichlorobenzene	0.324	0.050	mg/l	0.250	ND	130	65-135			
1,1,1-Trichloroethane	0.269	0.020	mg/l	0.250	ND	108	65-140			
1,1,2-Trichloroethane	0.286	0.020	mg/l	0.250	ND	114	65-130			
Trichloroethene	0.261	0.020	mg/l	0.250	ND	104	65-125			
Trichlorofluoromethane	0.247	0.050	mg/l	0.250	ND	99	60-145			
1,2,3-Trichloropropane	0.298	0.10	mg/l	0.250	ND	119	55-135			
1,2,4-Trimethylbenzene	0.311	0.020	mg/l	0.250	ND	125	55-135			
1,3,5-Trimethylbenzene	0.316	0.020	mg/l	0.250	ND	127	70-130			
Vinyl chloride	0.247	0.050	mg/l	0.250	ND	99	45-140			
m,p-Xylenes	0.605	0.020	mg/l	0.500	ND	121	65-130			
o-Xylene	0.295	0.020	mg/l	0.250	ND	118	65-125			
Surrogate: 4-Bromofluorobenzene	*0.223*		*mg/l*	*0.250*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*0.219*		*mg/l*	*0.250*		*88*	*80-120*			
Surrogate: Toluene-d8	*0.222*		*mg/l*	*0.250*		*89*	*80-120*			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K11106 Extracted: 11/11/08										
Blank Analyzed: 11/11/2008 (8K11106-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 11/11/2008 (8K11106-BS1)										
Mercury	0.887	0.020	mg/kg	0.800		111	80-120			
Matrix Spike Analyzed: 11/11/2008 (8K11106-MS1)					**Source: IRK0608-01**					
Mercury	1.21	0.020	mg/kg	0.800	0.354	107	70-130			
Matrix Spike Dup Analyzed: 11/11/2008 (8K11106-MSD1)					**Source: IRK0608-01**					
Mercury	1.42	0.040	mg/kg	0.800	0.354	134	70-130	16	20	*M1*
Batch: 8K14142 Extracted: 11/14/08										
Blank Analyzed: 11/15/2008 (8K14142-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14142 Extracted: 11/14/08										
LCS Analyzed: 11/15/2008 (8K14142-BS1)										
Antimony	45.5	10	mg/kg	50.0		91	80-120			
Arsenic	45.5	2.0	mg/kg	50.0		91	80-120			
Barium	48.5	1.0	mg/kg	50.0		97	80-120			
Beryllium	48.2	0.50	mg/kg	50.0		96	80-120			
Cadmium	46.0	0.50	mg/kg	50.0		92	80-120			
Chromium	46.3	1.0	mg/kg	50.0		93	80-120			
Cobalt	46.6	1.0	mg/kg	50.0		93	80-120			
Copper	48.5	2.0	mg/kg	50.0		97	80-120			
Lead	45.5	2.0	mg/kg	50.0		91	80-120			
Molybdenum	44.4	2.0	mg/kg	50.0		89	80-120			
Nickel	47.2	2.0	mg/kg	50.0		94	80-120			
Selenium	42.2	2.0	mg/kg	50.0		84	80-120			
Silver	24.5	1.0	mg/kg	25.0		98	80-120			
Thallium	46.2	10	mg/kg	50.0		92	80-120			
Vanadium	48.3	1.0	mg/kg	50.0		97	80-120			
Zinc	45.8	5.0	mg/kg	50.0		92	80-120			
Matrix Spike Analyzed: 11/15/2008 (8K14142-MS1)					**Source: IRK1017-01**					
Antimony	41.9	50	mg/kg	50.0	ND	84	75-125			
Arsenic	77.6	10	mg/kg	50.0	37.8	80	75-125			
Barium	240	5.0	mg/kg	50.0	244	-7	75-125			*MHA*
Beryllium	41.4	2.5	mg/kg	50.0	ND	83	75-125			
Cadmium	41.2	2.5	mg/kg	50.0	ND	82	75-125			
Chromium	65.9	5.0	mg/kg	50.0	33.2	65	75-125			*M2*
Cobalt	45.5	5.0	mg/kg	50.0	5.66	80	75-125			
Copper	85.1	10	mg/kg	50.0	56.1	58	75-125			*M2*
Lead	57.3	10	mg/kg	50.0	17.4	80	75-125			
Molybdenum	44.6	10	mg/kg	50.0	8.32	72	75-125			*M2*
Nickel	55.9	10	mg/kg	50.0	17.8	76	75-125			
Selenium	42.9	10	mg/kg	50.0	ND	86	75-125			
Silver	21.8	5.0	mg/kg	25.0	ND	87	75-125			
Thallium	39.2	50	mg/kg	50.0	ND	78	75-125			
Vanadium	78.6	5.0	mg/kg	50.0	45.7	66	75-125			*M2*
Zinc	478	25	mg/kg	50.0	511	-67	75-125			*MHA*

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14142 Extracted: 11/14/08										
Matrix Spike Dup Analyzed: 11/15/2008 (8K14142-MSD1)					**Source: IRK1017-01**					
Antimony	44.0	50	mg/kg	50.0	ND	88	75-125	5	20	
Arsenic	78.9	10	mg/kg	50.0	37.8	82	75-125	2	20	
Barium	240	5.0	mg/kg	50.0	244	-7	75-125	0	20	*MHA*
Beryllium	42.6	2.5	mg/kg	50.0	ND	85	75-125	3	20	
Cadmium	42.4	2.5	mg/kg	50.0	ND	85	75-125	3	20	
Chromium	68.9	5.0	mg/kg	50.0	33.2	71	75-125	4	20	*M2*
Cobalt	46.9	5.0	mg/kg	50.0	5.66	82	75-125	3	20	
Copper	87.3	10	mg/kg	50.0	56.1	62	75-125	3	20	*M2*
Lead	56.7	10	mg/kg	50.0	17.4	78	75-125	1	20	
Molybdenum	46.4	10	mg/kg	50.0	8.32	76	75-125	4	20	
Nickel	57.0	10	mg/kg	50.0	17.8	78	75-125	2	20	
Selenium	40.8	10	mg/kg	50.0	ND	82	75-125	5	20	
Silver	21.9	5.0	mg/kg	25.0	ND	87	75-125	0	20	
Thallium	40.7	50	mg/kg	50.0	ND	81	75-125	4	20	
Vanadium	81.6	5.0	mg/kg	50.0	45.7	72	75-125	4	20	*M2*
Zinc	498	25	mg/kg	50.0	511	-26	75-125	4	20	*MHA*
Batch: 8K17077 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17077-BLK1)										
Antimony	ND	0.010	mg/l							
Arsenic	ND	0.010	mg/l							
Barium	ND	0.010	mg/l							
Beryllium	ND	0.0040	mg/l							
Cadmium	ND	0.0050	mg/l							
Chromium	ND	0.0050	mg/l							
Cobalt	ND	0.010	mg/l							
Copper	ND	0.010	mg/l							
Lead	ND	0.0050	mg/l							
Molybdenum	ND	0.020	mg/l							
Nickel	ND	0.010	mg/l							
Selenium	ND	0.010	mg/l							
Silver	ND	0.010	mg/l							
Thallium	ND	0.010	mg/l							
Vanadium	ND	0.010	mg/l							
Zinc	ND	0.020	mg/l							

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17077 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17077-BS1)										
Antimony	0.952	0.010	mg/l	1.00		95	80-120			
Arsenic	0.934	0.010	mg/l	1.00		93	80-120			
Barium	1.01	0.010	mg/l	1.00		101	80-120			
Beryllium	0.974	0.0040	mg/l	1.00		97	80-120			
Cadmium	0.917	0.0050	mg/l	1.00		92	80-120			
Chromium	0.961	0.0050	mg/l	1.00		96	80-120			
Cobalt	0.946	0.010	mg/l	1.00		95	80-120			
Copper	0.994	0.010	mg/l	1.00		99	80-120			
Lead	0.944	0.0050	mg/l	1.00		94	80-120			
Molybdenum	0.930	0.020	mg/l	1.00		93	80-120			
Nickel	0.936	0.010	mg/l	1.00		94	80-120			
Selenium	0.914	0.010	mg/l	1.00		91	80-120			
Silver	0.496	0.010	mg/l	0.500		99	80-120			
Thallium	0.941	0.010	mg/l	1.00		94	80-120			
Vanadium	0.976	0.010	mg/l	1.00		98	80-120			
Zinc	0.931	0.020	mg/l	1.00		93	80-120			
Matrix Spike Analyzed: 11/17/2008 (8K17077-MS1)					**Source: IRK0771-01**					
Antimony	0.975	0.010	mg/l	1.00	ND	97	75-125			
Arsenic	0.991	0.010	mg/l	1.00	0.0105	98	75-125			
Barium	1.01	0.010	mg/l	1.00	ND	101	75-125			
Beryllium	1.00	0.0040	mg/l	1.00	ND	100	75-125			
Cadmium	0.929	0.0050	mg/l	1.00	ND	93	75-125			
Chromium	0.984	0.0050	mg/l	1.00	ND	98	75-125			
Cobalt	0.949	0.010	mg/l	1.00	ND	95	75-125			
Copper	1.01	0.010	mg/l	1.00	ND	101	75-125			
Lead	0.949	0.0050	mg/l	1.00	ND	95	75-125			
Molybdenum	1.04	0.020	mg/l	1.00	0.0868	96	75-125			
Nickel	0.942	0.010	mg/l	1.00	0.00412	94	75-125			
Selenium	0.931	0.010	mg/l	1.00	ND	93	75-125			
Silver	0.506	0.010	mg/l	0.500	ND	101	75-125			
Thallium	0.924	0.010	mg/l	1.00	ND	92	75-125			
Vanadium	0.995	0.010	mg/l	1.00	0.00390	99	75-125			
Zinc	0.956	0.020	mg/l	1.00	ND	96	75-125			

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Sushmitha Reddy
Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17077 Extracted: 11/17/08										
Matrix Spike Dup Analyzed: 11/17/2008 (8K17077-MSD1)					**Source: IRK0771-01**					
Antimony	0.973	0.010	mg/l	1.00	ND	97	75-125	0	20	
Arsenic	0.988	0.010	mg/l	1.00	0.0105	98	75-125	0	20	
Barium	1.02	0.010	mg/l	1.00	ND	102	75-125	1	20	
Beryllium	1.00	0.0040	mg/l	1.00	ND	100	75-125	0	20	
Cadmium	0.926	0.0050	mg/l	1.00	ND	93	75-125	0	20	
Chromium	0.981	0.0050	mg/l	1.00	ND	98	75-125	0	20	
Cobalt	0.949	0.010	mg/l	1.00	ND	95	75-125	0	20	
Copper	1.01	0.010	mg/l	1.00	ND	101	75-125	1	20	
Lead	0.951	0.0050	mg/l	1.00	ND	95	75-125	0	20	
Molybdenum	1.04	0.020	mg/l	1.00	0.0868	95	75-125	0	20	
Nickel	0.950	0.010	mg/l	1.00	0.00412	95	75-125	1	20	
Selenium	0.937	0.010	mg/l	1.00	ND	94	75-125	1	20	
Silver	0.512	0.010	mg/l	0.500	ND	102	75-125	1	20	
Thallium	0.921	0.010	mg/l	1.00	ND	92	75-125	0	20	
Vanadium	1.01	0.010	mg/l	1.00	0.00390	100	75-125	1	20	
Zinc	0.956	0.020	mg/l	1.00	ND	96	75-125	0	20	
Batch: 8K18119 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18119-BLK1)										
Mercury	ND	0.00020	mg/l							
LCS Analyzed: 11/18/2008 (8K18119-BS1)										
Mercury	0.00798	0.00020	mg/l	0.00800		100	80-120			
Matrix Spike Analyzed: 11/18/2008 (8K18119-MS1)					**Source: IRK0970-14**					
Mercury	0.00802	0.00020	mg/l	0.00800	ND	100	70-130			

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Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18119 Extracted: 11/18/08										
Matrix Spike Dup Analyzed: 11/18/2008 (8K18119-MSD1)					**Source: IRK0970-14**					
Mercury	0.00814	0.00020	mg/l	0.00800	ND	102	70-130	2	20	

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Project Manager

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B0031045.003
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Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14131 Extracted: 11/14/08										
Blank Analyzed: 11/17/2008 (8K14131-BLK1)										
Arsenic	ND	0.20	mg/l							
Barium	ND	0.20	mg/l							
Cadmium	ND	0.10	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.10	mg/l							
Silver	ND	0.20	mg/l							
LCS Analyzed: 11/17/2008 (8K14131-BS1)										
Arsenic	1.93	0.20	mg/l	2.00		97	80-120			
Barium	2.14	0.20	mg/l	2.00		107	80-120			
Cadmium	1.91	0.10	mg/l	2.00		96	80-120			
Chromium	1.97	0.10	mg/l	2.00		99	80-120			
Lead	1.93	0.10	mg/l	2.00		96	80-120			
Selenium	1.88	0.10	mg/l	2.00		94	80-120			
Silver	1.02	0.20	mg/l	1.00		102	80-120			
Matrix Spike Analyzed: 11/17/2008 (8K14131-MS1)					**Source: IRK0970-01**					
Arsenic	1.92	0.20	mg/l	2.00	ND	96	75-125			
Barium	2.13	0.20	mg/l	2.00	ND	107	75-125			
Cadmium	1.87	0.10	mg/l	2.00	ND	93	75-125			
Chromium	1.99	0.10	mg/l	2.00	ND	99	75-125			
Lead	1.93	0.10	mg/l	2.00	ND	97	75-125			
Selenium	1.91	0.10	mg/l	2.00	ND	95	75-125			
Silver	1.02	0.20	mg/l	1.00	ND	102	75-125			
Batch: 8K17079 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17079-BLK1)										
Mercury	ND	0.0020	mg/l							

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Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17079 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17079-BS1)										
Mercury	0.0822	0.0020	mg/l	0.0800		103	80-120			
Matrix Spike Analyzed: 11/17/2008 (8K17079-MS1)					**Source: IRK0970-01**					
Mercury	0.0901	0.0020	mg/l	0.0800	ND	113	70-130			
Matrix Spike Dup Analyzed: 11/17/2008 (8K17079-MSD1)					**Source: IRK0970-01**					
Mercury	0.0895	0.0020	mg/l	0.0800	ND	112	70-130	1	20	

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Sampled: 11/06/08-11/07/08
Received: 11/08/08

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13079 Extracted: 11/13/08										
Duplicate Analyzed: 11/13/2008 (8K13079-DUP1)					**Source: IRK0970-01**					
pH	3.75	0.100	pH Units		3.69			2	5	

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Arcadis - Blasland, Bouck & Lee - San Diego 9095 Rio San Diego Dr, Suite 240 San Diego, CA 92108 Attention: George Cebula	Project ID: Oakland B0031045.003 Report Number: IRK0970	Sampled: 11/06/08-11/07/08 Received: 11/08/08

DATA QUALIFIERS AND DEFINITIONS

A-01	Matrix=Wood Shavings
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M-3	Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
R-7	LFB/LFBD RPD exceeded the acceptance limit. Recovery met acceptance criteria.
RL1	Reporting limit raised due to sample matrix effects.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

TestAmerica Irvine

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.003
Report Number: IRK0970

Sampled: 11/06/08-11/07/08
Received: 11/08/08

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
6010B-TCLP	Solid	X	X
7470A-TCLP	Solid	X	X
8260B-TCLP	Solid	X	X
EPA 1311-Met	Solid	X	X
EPA 1311-SV	Solid	X	X
EPA 1311-ZHE	Solid	X	X
EPA 3545/8082	Wipe	X	X
EPA 6010B	Solid	X	X
EPA 6010B	Water	X	X
EPA 7470A	Water	X	X
EPA 7471A	Solid	X	X
EPA 8082	Solid	X	X
EPA 8082	Water	X	X
EPA 8260B	Solid	X	X
EPA 8260B	Water	X	X
EPA 8270C	Solid	X	X
EPA 8270C	Water	X	X
EPA 9045C	Solid	X	X
SW846 7.1.2	Solid		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-0013(1007)

CHAIN OF CUSTODY FORM

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1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

IRK097D

Client Name/Address: ARCADIS, 9095 Rio San Diego DR. Ste. 240, San Diego, CA 92108

Project/PO Number: B0031045.0003 GE 14th Street

Project Manager: GEORGE CEBULA

Phone Number: (619)-291-7800 x24

Sampler: D. WESSELHOFT

Fax Number: (619) - 291 - 5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	TCLP METALS 1311/6010/7470	TCLP VOCs 1311/8260	TCLP SVOCs 1311/8270	IGNITABILITY 1010	CORROSIVITY 9045	TTLC METALS, VOC, SVOC	Total VOCs		Special Instructions
																# Metals → CAM SK 11/10 per RM
B8-WC-CHWP-005	B	9 oz glass 4 oz glass	4	11/6/08	1542	NONE	X	X	X	X	X	X	X			2 jars collected 11/6, 2 jars collected 11/7
B8-CF-CP-006	B	4 oz glass	1	11/6/08	1626	NONE	X									
B8-CF-CP-006DUP	B	4 oz glass	1	11/6/08	1635	NONE	X									
B8-HV-WP-004	Wipe	4 oz glass	1	11/6/08	1503	Hexane	X									
Trip Blank 11/7/08	W	40 mil VOA	2	11/7/08	0820	HCl								X		
B8-WW-CP-007	B	4 oz glass	1	11/7/08	0845	NONE	X									
B2-WC-CP-010	B	4 oz glass	1	11/7/08	0942 ~~0925~~	None	X									
B2-WC-CP-011	B	4 oz glass	1	11/7/08	0955	None	X									
B2-WC-CHWP-012	B	9 oz glass 4 oz glass	4	11/7/08	1020	None	X	X	X	X	X	X	X			
B2-SW-CP-013	B	4 oz glass	1	11/7/08	1052	None	X									
1BH-WC-CP-012	B	4 oz glass	1	11/7/08	1140	None	X									
1BH-WC-CHWP-013	B	9 oz glass 4 oz glass	4	11/7/08	1219	None	X	X	X	X	X	X	X			
1BH-WC-CP-014	B	4 oz glass	1	11/7/08	1240	None	X									1B 11-11-08 7:45 am
EQUIP ~~BLANK~~-WDB-001	W	1L 500mL 40mL	2 1 3	11/7/08	1500	None HNO3 HCl	X						X			

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/7/08 1523	[signature]	11-7-08 15:23	same day ____ 72 hours ____
[signature]	11-7-08 15:45			24 hours ____ 5 days ____
				48 hours ____ normal ____
Relinquished By:	Date/Time:	Received In Lab By:	Date/Time:	Sample Integrity: (Check)
		[signature]	11/8/08 1000	intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

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THE LEADER IN ENVIRONMENTAL TESTING

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LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.0003 GE 14TH STREET
Sampled: 11/07/08-11/10/08
Received: 11/11/08
Issued: 11/20/08 16:38

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

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This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRK1164-01	B18-CF-CP-004	Solid
IRK1164-02	B18-CF-CHWP-005	Solid
IRK1164-03	B18-SW-CP-006	Solid
IRK1164-04	B18-CF-CP-007	Solid
IRK1164-05	B20-CF-CP-004	Solid
IRK1164-06	Trip Blank 11/10/08	Water
IRK1164-07	B20-CF-CHWP-005	Solid
IRK1164-08	B20-SS-WP-003	Wipe
IRK1164-09	B20-SS-WP-003 DUP	Wipe
IRK1164-10	B20-CF-CP-006	Solid
IRK1164-11	PHT-CF-CHWP-002	Solid
IRK1164-12	PHT-CF-CP-003	Solid
IRK1164-13	B4-CF-CP-008	Solid
IRK1164-14	B4-CF-CHWP-009	Solid
IRK1164-15	B4-CF-CP-010	Solid
IRK1164-16	B4-CF-CP-011	Solid
IRK1164-17	B4-CF-CHWP-012	Solid
IRK1164-18	B4-CF-CP-013	Solid
IRK1164-19	B4-WW-CP-014	Solid
IRK1164-20	B4-PW-CP-015	Solid
IRK1164-21	B9-WW-CHWP-003	Solid
IRK1164-22	Equip Blank-HDB-001	Water
IRK1164-23	B17-CF-CP-010	Solid

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Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

LABORATORY ID	CLIENT ID	MATRIX
IRK1164-24	B17-CF-CP-010 DUP	Solid
IRK1164-25	B17-WW-CHWP-011	Solid
IRK1164-26	B17-CF-CP-012	Solid

Reviewed By:

TestAmerica Irvine

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Project Manager

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	99.6	11/17/2008	11/18/2008	C
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	L
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	99.6	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid) - cont.					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	99.6	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*97 %*				
Surrogate: Dibromofluoromethane (55-140%)				*95 %*				
Surrogate: Toluene-d8 (60-140%)				*102 %*				

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Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-06 (Trip Blank 11/10/08 - Water)					**Sampled: 11/10/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Bromobenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Bromochloromethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Bromodichloromethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Bromoform	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Bromomethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
n-Butylbenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
tert-Butylbenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
sec-Butylbenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Carbon tetrachloride	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Chlorobenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Chloroethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Chloroform	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Chloromethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
4-Chlorotoluene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
2-Chlorotoluene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Dibromochloromethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Dibromomethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichlorobenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,3-Dichlorobenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,4-Dichlorobenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Dichlorodifluoromethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloroethene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,3-Dichloropropane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
2,2-Dichloropropane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichloropropane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloropropene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Ethylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Hexachlorobutadiene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Isopropylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
p-Isopropyltoluene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Methylene chloride	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Naphthalene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-06 (Trip Blank 11/10/08 - Water) - cont.					**Sampled: 11/10/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Styrene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Tetrachloroethene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Toluene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,1,1-Trichloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,1,2-Trichloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Trichloroethene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Trichlorofluoromethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,2,3-Trichloropropane	EPA 8260B	8K16014	10	ND	1	11/16/2008	11/16/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Vinyl chloride	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
m,p-Xylenes	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
o-Xylene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Surrogate: Dibromofluoromethane (80-120%)				*88 %*				
Surrogate: Toluene-d8 (80-120%)				*89 %*				

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Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	99.4	11/17/2008	11/18/2008	C
1,1-Dichloroethane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	L
p-Isopropyltoluene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	990	ND	99.4	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	

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Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid) - cont.					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	99.4	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	99.4	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	99	ND	99.4	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*97 %*				
Surrogate: Dibromofluoromethane (55-140%)				*79 %*				
Surrogate: Toluene-d8 (60-140%)				*99 %*				

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Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	99.2	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	990	ND	99.2	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid) - cont.					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	99.2	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	99.2	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	99	ND	99.2	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*85 %*				
Surrogate: Dibromofluoromethane (55-140%)				*64 %*				
Surrogate: Toluene-d8 (60-140%)				*94 %*				

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Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	99.6	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	99.6	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	

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Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid) - cont.					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	99.6	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*98 %*				
Surrogate: Dibromofluoromethane (55-140%)				*66 %*				
Surrogate: Toluene-d8 (60-140%)				*96 %*				

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B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	100	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	100	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid) - cont.					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	100	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*101 %*				
Surrogate: Dibromofluoromethane (55-140%)				*49 %*				*Z*
Surrogate: Toluene-d8 (60-140%)				*101 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)					**Sampled: 11/10/08**			**A-01, RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	1100	**2100**	452	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	1100	**16000**	452	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	900	ND	452	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	450	**610**	452	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	450	**2100**	452	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	4500	ND	452	11/17/2008	11/18/2008	
n-Propylbenzene	EPA 8260B	8K17014	450	**2900**	452	11/17/2008	11/18/2008	

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B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid) - cont.					**Sampled: 11/10/08**			**A-01, RL1**
Reporting Units: ug/kg								
Styrene	EPA 8260B	8K17014	450	**890**	452	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	450	**3100**	452	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	1100	ND	452	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	2300	ND	452	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	450	**40000**	452	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	450	ND	452	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	450	**1200**	452	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	450	**1200**	452	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*86 %*				
Surrogate: Dibromofluoromethane (55-140%)				*83 %*				
Surrogate: Toluene-d8 (60-140%)				*89 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21RE1 (B9-WW-CHWP-003 - Solid) - cont.					**Sampled: 11/10/08**			**A-01, RL1**
Reporting Units: ug/kg								
Naphthalene	EPA 8260B	8K17014	110000	**7500000**	45200	11/17/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*100 %*				*Z3*
Surrogate: Dibromofluoromethane (55-140%)				*100 %*				*Z3*
Surrogate: Toluene-d8 (60-140%)				*132 %*				*Z3*

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-22 (Equip Blank-HDB-001 - Water)					**Sampled: 11/10/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Bromobenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Bromochloromethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Bromodichloromethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Bromoform	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Bromomethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
n-Butylbenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
tert-Butylbenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
sec-Butylbenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Carbon tetrachloride	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Chlorobenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Chloroethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Chloroform	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Chloromethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
4-Chlorotoluene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
2-Chlorotoluene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Dibromochloromethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Dibromomethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichlorobenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,3-Dichlorobenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,4-Dichlorobenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Dichlorodifluoromethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloroethene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,3-Dichloropropane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
2,2-Dichloropropane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2-Dichloropropane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,1-Dichloropropene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Ethylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Hexachlorobutadiene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Isopropylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
p-Isopropyltoluene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Methylene chloride	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
Naphthalene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	

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Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-22 (Equip Blank-HDB-001 - Water) - cont.					**Sampled: 11/10/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Styrene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Tetrachloroethene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Toluene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,1,1-Trichloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,1,2-Trichloroethane	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Trichloroethene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Trichlorofluoromethane	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
1,2,3-Trichloropropane	EPA 8260B	8K16014	10	ND	1	11/16/2008	11/16/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Vinyl chloride	EPA 8260B	8K16014	5.0	ND	1	11/16/2008	11/16/2008	
m,p-Xylenes	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
o-Xylene	EPA 8260B	8K16014	2.0	ND	1	11/16/2008	11/16/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				
Surrogate: Dibromofluoromethane (80-120%)				*87 %*				
Surrogate: Toluene-d8 (80-120%)				*87 %*				

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	99.8	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	99.8	11/17/2008	11/18/2008	
n-Propylbenzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	

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9095 Rio San Diego Dr, Suite 240
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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid) - cont.					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Styrene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	99.8	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	ND	99.8	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*101 %*				
Surrogate: Dibromofluoromethane (55-140%)				*72 %*				
Surrogate: Toluene-d8 (60-140%)				*103 %*				

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-25RE1 (B17-WW-CHWP-011 - Solid) - cont.					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Naphthalene	EPA 8260B	8K17014	250	ND	99.8	11/17/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*80 %*				
Surrogate: Dibromofluoromethane (55-140%)				*48 %*				*Z*
Surrogate: Toluene-d8 (60-140%)				*90 %*				

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)					**Sampled: 11/07/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Acenaphthylene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Aniline	EPA 8270C	8K13062	42000	ND	100	11/13/2008	11/14/2008	
Anthracene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Benzidine	EPA 8270C	8K13062	66000	ND	100	11/13/2008	11/14/2008	
Benzo(a)anthracene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Benzo(a)pyrene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Benzo(b)fluoranthene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Benzo(k)fluoranthene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Benzoic acid	EPA 8270C	8K13062	83000	ND	100	11/13/2008	11/14/2008	
Benzyl alcohol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Butyl benzyl phthalate	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
4-Chloroaniline	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K13062	17000	ND	100	11/13/2008	11/14/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2-Chloronaphthalene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2-Chlorophenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Chrysene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K13062	42000	ND	100	11/13/2008	11/14/2008	
Dibenzofuran	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Di-n-butyl phthalate	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
1,2-Dichlorobenzene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
1,3-Dichlorobenzene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
1,4-Dichlorobenzene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K13062	83000	ND	100	11/13/2008	11/14/2008	
2,4-Dichlorophenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Diethyl phthalate	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2,4-Dimethylphenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Dimethyl phthalate	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K13062	42000	ND	100	11/13/2008	11/14/2008	
2,4-Dinitrophenol	EPA 8270C	8K13062	66000	ND	100	11/13/2008	11/14/2008	
2,4-Dinitrotoluene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2,6-Dinitrotoluene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Di-n-octyl phthalate	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid) - cont.					**Sampled: 11/07/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Fluorene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Hexachlorobenzene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Hexachlorobutadiene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K13062	83000	ND	100	11/13/2008	11/14/2008	
Hexachloroethane	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Isophorone	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2-Methylnaphthalene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2-Methylphenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
4-Methylphenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Naphthalene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2-Nitroaniline	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
3-Nitroaniline	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
4-Nitroaniline	EPA 8270C	8K13062	83000	ND	100	11/13/2008	11/14/2008	
Nitrobenzene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2-Nitrophenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
4-Nitrophenol	EPA 8270C	8K13062	83000	ND	100	11/13/2008	11/14/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K13062	25000	ND	100	11/13/2008	11/14/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Pentachlorophenol	EPA 8270C	8K13062	83000	ND	100	11/13/2008	11/14/2008	
Phenanthrene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Phenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Pyrene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K13062	33000	ND	100	11/13/2008	11/14/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*74 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*70 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*88 %*				*Z3*

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Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Acenaphthylene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Aniline	EPA 8270C	8K13062	21000	ND	50	11/13/2008	11/14/2008	
Anthracene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Benzidine	EPA 8270C	8K13062	33000	ND	50	11/13/2008	11/14/2008	
Benzo(a)anthracene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Benzo(a)pyrene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Benzo(b)fluoranthene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Benzo(k)fluoranthene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Benzoic acid	EPA 8270C	8K13062	42000	ND	50	11/13/2008	11/14/2008	
Benzyl alcohol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Butyl benzyl phthalate	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
4-Chloroaniline	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K13062	8300	ND	50	11/13/2008	11/14/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2-Chloronaphthalene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2-Chlorophenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Chrysene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K13062	21000	ND	50	11/13/2008	11/14/2008	
Dibenzofuran	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Di-n-butyl phthalate	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
1,2-Dichlorobenzene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
1,3-Dichlorobenzene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
1,4-Dichlorobenzene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K13062	42000	ND	50	11/13/2008	11/14/2008	
2,4-Dichlorophenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Diethyl phthalate	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2,4-Dimethylphenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Dimethyl phthalate	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K13062	21000	ND	50	11/13/2008	11/14/2008	
2,4-Dinitrophenol	EPA 8270C	8K13062	33000	ND	50	11/13/2008	11/14/2008	
2,4-Dinitrotoluene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2,6-Dinitrotoluene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Di-n-octyl phthalate	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	

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Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid) - cont.					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Fluorene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Hexachlorobenzene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Hexachlorobutadiene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K13062	42000	ND	50	11/13/2008	11/14/2008	
Hexachloroethane	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Isophorone	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2-Methylnaphthalene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2-Methylphenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
4-Methylphenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Naphthalene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2-Nitroaniline	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
3-Nitroaniline	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
4-Nitroaniline	EPA 8270C	8K13062	42000	ND	50	11/13/2008	11/14/2008	
Nitrobenzene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2-Nitrophenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
4-Nitrophenol	EPA 8270C	8K13062	42000	ND	50	11/13/2008	11/14/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K13062	12000	ND	50	11/13/2008	11/14/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Pentachlorophenol	EPA 8270C	8K13062	42000	ND	50	11/13/2008	11/14/2008	
Phenanthrene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Phenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Pyrene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K13062	17000	ND	50	11/13/2008	11/14/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*82 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*6 %*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*87 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*51 %*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*93 %*				*Z3*

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Project Manager

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9095 Rio San Diego Dr, Suite 240
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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Acenaphthylene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Aniline	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
Anthracene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzidine	EPA 8270C	8K14037	16000	ND	25	11/14/2008	11/14/2008	
Benzo(a)anthracene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(a)pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(b)fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(k)fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzoic acid	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Benzyl alcohol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Butyl benzyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chloroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K14037	4200	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Chloronaphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Chlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Chrysene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
Dibenzofuran	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Di-n-butyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,3-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,4-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
2,4-Dichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Diethyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4-Dimethylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Dimethyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
2,4-Dinitrophenol	EPA 8270C	8K14037	16000	ND	25	11/14/2008	11/14/2008	
2,4-Dinitrotoluene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,6-Dinitrotoluene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Di-n-octyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid) - cont.					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Fluorene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorobutadiene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Hexachloroethane	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Isophorone	EPA 8270C	8K14037	8300	**10000**	25	11/14/2008	11/14/2008	
2-Methylnaphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Naphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Nitroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
3-Nitroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Nitroaniline	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Nitrobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Nitrophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Nitrophenol	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K14037	6200	ND	25	11/14/2008	11/14/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Pentachlorophenol	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Phenanthrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Phenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*81 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*72 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*74 %*				*Z3*

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Acenaphthylene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Aniline	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
Anthracene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzidine	EPA 8270C	8K14037	16000	ND	25	11/14/2008	11/14/2008	
Benzo(a)anthracene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(a)pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(b)fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(k)fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzoic acid	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Benzyl alcohol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Butyl benzyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chloroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K14037	4200	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Chloronaphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Chlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Chrysene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
Dibenzofuran	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Di-n-butyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,3-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,4-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
2,4-Dichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Diethyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4-Dimethylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Dimethyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
2,4-Dinitrophenol	EPA 8270C	8K14037	16000	ND	25	11/14/2008	11/14/2008	
2,4-Dinitrotoluene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,6-Dinitrotoluene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Di-n-octyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	

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Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid) - cont.					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Fluorene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorobutadiene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Hexachloroethane	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Isophorone	EPA 8270C	8K14037	8300	**17000**	25	11/14/2008	11/14/2008	
2-Methylnaphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Naphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Nitroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
3-Nitroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Nitroaniline	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Nitrobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Nitrophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Nitrophenol	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K14037	6200	ND	25	11/14/2008	11/14/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Pentachlorophenol	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Phenanthrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Phenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*74 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*0.8 %*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*65 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*69 %*				*Z3*

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Acenaphthylene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Aniline	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
Anthracene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzidine	EPA 8270C	8K14037	16000	ND	25	11/14/2008	11/14/2008	
Benzo(a)anthracene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(a)pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(b)fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(k)fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzoic acid	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Benzyl alcohol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Butyl benzyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chloroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K14037	4200	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Chloronaphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Chlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Chrysene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
Dibenzofuran	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Di-n-butyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,3-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,4-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
2,4-Dichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Diethyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4-Dimethylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Dimethyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
2,4-Dinitrophenol	EPA 8270C	8K14037	16000	ND	25	11/14/2008	11/14/2008	
2,4-Dinitrotoluene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,6-Dinitrotoluene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Di-n-octyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid) - cont.					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Fluorene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorobutadiene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Hexachloroethane	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Isophorone	EPA 8270C	8K14037	8300	**12000**	25	11/14/2008	11/14/2008	
2-Methylnaphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Naphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Nitroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
3-Nitroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Nitroaniline	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Nitrobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Nitrophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Nitrophenol	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K14037	6200	ND	25	11/14/2008	11/14/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Pentachlorophenol	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Phenanthrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Phenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*74 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*65 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*71 %*				*Z3*

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Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K14037	250000	**1400000**	750	11/14/2008	11/15/2008	
Acenaphthylene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Aniline	EPA 8270C	8K14037	310000	ND	750	11/14/2008	11/15/2008	
Anthracene	EPA 8270C	8K14037	250000	**820000**	750	11/14/2008	11/15/2008	
Benzidine	EPA 8270C	8K14037	500000	ND	750	11/14/2008	11/15/2008	
Benzo(a)anthracene	EPA 8270C	8K14037	250000	**260000**	750	11/14/2008	11/15/2008	
Benzo(a)pyrene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Benzo(b)fluoranthene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Benzo(k)fluoranthene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Benzoic acid	EPA 8270C	8K14037	620000	ND	750	11/14/2008	11/15/2008	
Benzyl alcohol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Butyl benzyl phthalate	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
4-Chloroaniline	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K14037	130000	ND	750	11/14/2008	11/15/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
2-Chloronaphthalene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
2-Chlorophenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Chrysene	EPA 8270C	8K14037	250000	**290000**	750	11/14/2008	11/15/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K14037	310000	ND	750	11/14/2008	11/15/2008	
Dibenzofuran	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Di-n-butyl phthalate	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
1,2-Dichlorobenzene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
1,3-Dichlorobenzene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
1,4-Dichlorobenzene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K14037	620000	ND	750	11/14/2008	11/15/2008	
2,4-Dichlorophenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Diethyl phthalate	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
2,4-Dimethylphenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Dimethyl phthalate	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K14037	310000	ND	750	11/14/2008	11/15/2008	
2,4-Dinitrophenol	EPA 8270C	8K14037	500000	ND	750	11/14/2008	11/15/2008	
2,4-Dinitrotoluene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
2,6-Dinitrotoluene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Di-n-octyl phthalate	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	

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B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid) - cont.					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K14037	250000	**1900000**	750	11/14/2008	11/15/2008	
Fluorene	EPA 8270C	8K14037	250000	**990000**	750	11/14/2008	11/15/2008	
Hexachlorobenzene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Hexachlorobutadiene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K14037	620000	ND	750	11/14/2008	11/15/2008	
Hexachloroethane	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Isophorone	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
2-Methylnaphthalene	EPA 8270C	8K14037	250000	**780000**	750	11/14/2008	11/15/2008	
2-Methylphenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
4-Methylphenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Naphthalene	EPA 8270C	8K14037	250000	**2300000**	750	11/14/2008	11/15/2008	
2-Nitroaniline	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
3-Nitroaniline	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
4-Nitroaniline	EPA 8270C	8K14037	620000	ND	750	11/14/2008	11/15/2008	
Nitrobenzene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
2-Nitrophenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
4-Nitrophenol	EPA 8270C	8K14037	620000	ND	750	11/14/2008	11/15/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K14037	190000	ND	750	11/14/2008	11/15/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Pentachlorophenol	EPA 8270C	8K14037	620000	ND	750	11/14/2008	11/15/2008	
Phenanthrene	EPA 8270C	8K14037	250000	**3900000**	750	11/14/2008	11/15/2008	
Phenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Pyrene	EPA 8270C	8K14037	250000	**1100000**	750	11/14/2008	11/15/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K14037	250000	ND	750	11/14/2008	11/15/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*838 %*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*52 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*46 %*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*36 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*42 %*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*80 %*				*Z3*

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Acenaphthylene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Aniline	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
Anthracene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzidine	EPA 8270C	8K14037	16000	ND	25	11/14/2008	11/14/2008	
Benzo(a)anthracene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(a)pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(b)fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzo(k)fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Benzoic acid	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Benzyl alcohol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Butyl benzyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chloroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K14037	4200	ND	25	11/14/2008	11/14/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Chloronaphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Chlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Chrysene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
Dibenzofuran	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Di-n-butyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,3-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,4-Dichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
2,4-Dichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Diethyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4-Dimethylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Dimethyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K14037	10000	ND	25	11/14/2008	11/14/2008	
2,4-Dinitrophenol	EPA 8270C	8K14037	16000	ND	25	11/14/2008	11/14/2008	
2,4-Dinitrotoluene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,6-Dinitrotoluene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Di-n-octyl phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid) - cont.					**Sampled: 11/10/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Fluorene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorobutadiene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Hexachloroethane	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Isophorone	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Methylnaphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Methylphenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Naphthalene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Nitroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
3-Nitroaniline	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Nitroaniline	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Nitrobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2-Nitrophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
4-Nitrophenol	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K14037	6200	ND	25	11/14/2008	11/14/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Pentachlorophenol	EPA 8270C	8K14037	21000	ND	25	11/14/2008	11/14/2008	
Phenanthrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Phenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Pyrene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K14037	8300	ND	25	11/14/2008	11/14/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*79 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*0.2 %*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*65 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*72 %*				*Z3*

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-22 (Equip Blank-HDB-001 - Water)					**Sampled: 11/10/08**			
Reporting Units: ug/l								
Aroclor 1016	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1221	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1232	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1242	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1248	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1254	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1260	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*94 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-01 (B18-CF-CP-004 - Solid)					**Sampled: 11/07/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13098	50	**120**	1	11/13/2008	11/15/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*82 %*				
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)					**Sampled: 11/07/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13098	50	**590**	0.999	11/13/2008	11/15/2008	R-1
Surrogate: Decachlorobiphenyl (45-120%)				*75 %*				
Sample ID: IRK1164-03 (B18-SW-CP-006 - Solid)					**Sampled: 11/07/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	87	ND	1.74	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13098	87	ND	1.74	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13098	87	ND	1.74	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13098	87	ND	1.74	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13098	87	ND	1.74	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13098	87	ND	1.74	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13098	87	**320**	1.74	11/13/2008	11/15/2008	R-1
Surrogate: Decachlorobiphenyl (45-120%)				*40 %*				*Z5*

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-04 (B18-CF-CP-007 - Solid)					**Sampled: 11/07/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13098	50	**260**	1	11/13/2008	11/15/2008	R-1
Surrogate: Decachlorobiphenyl (45-120%)				*75 %*				
Sample ID: IRK1164-05 (B20-CF-CP-004 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1221	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1232	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1242	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1248	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1254	EPA 8082	8K13098	50	ND	1	11/13/2008	11/15/2008	
Aroclor 1260	EPA 8082	8K13098	50	**410**	1	11/13/2008	11/15/2008	R-1
Surrogate: Decachlorobiphenyl (45-120%)				*51 %*				
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	50	ND	1	11/13/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K13098	50	ND	1	11/13/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K13098	50	ND	1	11/13/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K13098	50	ND	1	11/13/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K13098	50	ND	1	11/13/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K13098	50	**270**	1	11/13/2008	11/19/2008	A-01b
Surrogate: Decachlorobiphenyl (45-120%)				*53 %*				
Sample ID: IRK1164-07RE1 (B20-CF-CHWP-005 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1260	EPA 8082	8K13098	500	**760**	10	11/13/2008	11/19/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*54 %*				*Z3*

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Received: 11/11/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-08 (B20-SS-WP-003 - Wipe)					**Sampled: 11/10/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1221	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1232	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1242	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1248	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1254	EPA 3545/8082	8K12105	1.0	**2.2**	1	11/12/2008	11/14/2008	A-01d
Aroclor 1260	EPA 3545/8082	8K12105	1.0	**4.8**	1	11/12/2008	11/14/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*83 %*				
Sample ID: IRK1164-09 (B20-SS-WP-003 DUP - Wipe)					**Sampled: 11/10/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1221	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1232	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1242	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1248	EPA 3545/8082	8K12105	1.0	ND	1	11/12/2008	11/14/2008	
Aroclor 1254	EPA 3545/8082	8K12105	1.0	**1.1**	1	11/12/2008	11/14/2008	A-01d
Aroclor 1260	EPA 3545/8082	8K12105	1.0	**2.4**	1	11/12/2008	11/14/2008	A-01c
Surrogate: Decachlorobiphenyl (45-120%)				*87 %*				
Sample ID: IRK1164-10 (B20-CF-CP-006 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1221	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1232	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1242	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1248	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1254	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1260	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*68 %*				

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1221	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1232	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1242	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1248	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1254	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1260	EPA 8082	8K13098	50	**140**	1	11/13/2008	11/16/2008	R-1
Surrogate: Decachlorobiphenyl (45-120%)				*79 %*				
Sample ID: IRK1164-12 (PHT-CF-CP-003 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	50	**530**	1	11/17/2008	11/19/2008	A-01e
Surrogate: Decachlorobiphenyl (45-120%)				*57 %*				
Sample ID: IRK1164-13 (B4-CF-CP-008 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/16/2008	
Aroclor 1221	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/16/2008	
Aroclor 1232	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/16/2008	
Aroclor 1242	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/16/2008	
Aroclor 1248	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/16/2008	
Aroclor 1254	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/16/2008	
Aroclor 1260	EPA 8082	8K13098	50	ND	0.999	11/13/2008	11/16/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*75 %*				

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Sampled: 11/07/08-11/10/08
Received: 11/11/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1221	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1232	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1242	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1248	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1254	EPA 8082	8K13098	50	ND	1	11/13/2008	11/16/2008	
Aroclor 1260	EPA 8082	8K13098	50	**410**	1	11/13/2008	11/16/2008	R-1
Surrogate: Decachlorobiphenyl (45-120%)				*69 %*				
Sample ID: IRK1164-15 (B4-CF-CP-010 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*61 %*				
Sample ID: IRK1164-16 (B4-CF-CP-011 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	50	**88**	0.999	11/17/2008	11/19/2008	A-01a
Aroclor 1260	EPA 8082	8K17048	50	**62**	0.999	11/17/2008	11/19/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*66 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*82 %*				
Sample ID: IRK1164-18 (B4-CF-CP-013 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	50	**69**	1	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*87 %*				
Sample ID: IRK1164-19 (B4-WW-CP-014 - Solid)					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*64 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-20 (B4-PW-CP-015 - Solid)					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	250	ND	5	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*37 %*				*Z5*
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)					**Sampled: 11/10/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*37 %*				*ZX*
Sample ID: IRK1164-23 (B17-CF-CP-010 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*58 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-24 (B17-CF-CP-010 DUP - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*77 %*				
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*71 %*				
Sample ID: IRK1164-26 (B17-CF-CP-012 - Solid)					**Sampled: 11/10/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	50	ND	1	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	50	**52**	1	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*87 %*				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)					**Sampled: 11/07/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K18153	0.020	**0.024**	1	11/18/2008	11/18/2008	
Antimony	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	M2
Arsenic	EPA 6010B	8K19128	2.0	**4.2**	1	11/19/2008	11/19/2008	M2
Barium	EPA 6010B	8K19128	1.0	**130**	1	11/19/2008	11/19/2008	M2
Beryllium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	M2
Cadmium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	M2
Chromium	EPA 6010B	8K19128	1.0	**39**	1	11/19/2008	11/19/2008	M2
Cobalt	EPA 6010B	8K19128	1.0	**9.2**	1	11/19/2008	11/19/2008	M2
Copper	EPA 6010B	8K19128	2.0	**32**	1	11/19/2008	11/19/2008	M2
Lead	EPA 6010B	8K19128	2.0	**4.4**	1	11/19/2008	11/19/2008	M2
Molybdenum	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	M2
Nickel	EPA 6010B	8K19128	2.0	**40**	1	11/19/2008	11/19/2008	M2
Selenium	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	M2
Silver	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/19/2008	
Thallium	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	M2
Vanadium	EPA 6010B	8K19128	1.0	**33**	1	11/19/2008	11/19/2008	M2
Zinc	EPA 6010B	8K19128	5.0	**48**	1	11/19/2008	11/19/2008	M2
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)					**Sampled: 11/10/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K18153	0.020	**0.026**	1	11/18/2008	11/18/2008	
Antimony	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Arsenic	EPA 6010B	8K19128	2.0	**3.8**	1	11/19/2008	11/19/2008	
Barium	EPA 6010B	8K19128	1.0	**110**	1	11/19/2008	11/19/2008	
Beryllium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Cadmium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Chromium	EPA 6010B	8K19128	1.0	**29**	1	11/19/2008	11/19/2008	
Cobalt	EPA 6010B	8K19128	1.0	**7.0**	1	11/19/2008	11/19/2008	
Copper	EPA 6010B	8K19128	2.0	**29**	1	11/19/2008	11/19/2008	
Lead	EPA 6010B	8K19128	2.0	**3.6**	1	11/19/2008	11/19/2008	
Molybdenum	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Nickel	EPA 6010B	8K19128	2.0	**30**	1	11/19/2008	11/19/2008	
Selenium	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Silver	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/19/2008	
Thallium	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Vanadium	EPA 6010B	8K19128	1.0	**26**	1	11/19/2008	11/19/2008	
Zinc	EPA 6010B	8K19128	5.0	**49**	1	11/19/2008	11/19/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)					**Sampled: 11/10/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K18153	0.020	**0.025**	1	11/18/2008	11/18/2008	
Antimony	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Arsenic	EPA 6010B	8K19128	2.0	**3.0**	1	11/19/2008	11/19/2008	
Barium	EPA 6010B	8K19128	1.0	**140**	1	11/19/2008	11/19/2008	
Beryllium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Cadmium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Chromium	EPA 6010B	8K19128	1.0	**35**	1	11/19/2008	11/19/2008	
Cobalt	EPA 6010B	8K19128	1.0	**6.9**	1	11/19/2008	11/19/2008	
Copper	EPA 6010B	8K19128	2.0	**24**	1	11/19/2008	11/19/2008	
Lead	EPA 6010B	8K19128	2.0	**4.5**	1	11/19/2008	11/19/2008	
Molybdenum	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Nickel	EPA 6010B	8K19128	2.0	**34**	1	11/19/2008	11/19/2008	
Selenium	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Silver	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/19/2008	
Thallium	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Vanadium	EPA 6010B	8K19128	1.0	**54**	1	11/19/2008	11/19/2008	
Zinc	EPA 6010B	8K19128	5.0	**33**	1	11/19/2008	11/19/2008	
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)					**Sampled: 11/10/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K18153	0.020	**0.020**	1	11/18/2008	11/18/2008	
Antimony	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Arsenic	EPA 6010B	8K19128	2.0	**2.5**	1	11/19/2008	11/19/2008	
Barium	EPA 6010B	8K19128	1.0	**79**	1	11/19/2008	11/19/2008	
Beryllium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Cadmium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Chromium	EPA 6010B	8K19128	1.0	**19**	1	11/19/2008	11/19/2008	
Cobalt	EPA 6010B	8K19128	1.0	**4.2**	1	11/19/2008	11/19/2008	
Copper	EPA 6010B	8K19128	2.0	**23**	1	11/19/2008	11/19/2008	
Lead	EPA 6010B	8K19128	2.0	**2.3**	1	11/19/2008	11/19/2008	
Molybdenum	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Nickel	EPA 6010B	8K19128	2.0	**22**	1	11/19/2008	11/19/2008	
Selenium	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Silver	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/19/2008	
Thallium	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Vanadium	EPA 6010B	8K19128	1.0	**14**	1	11/19/2008	11/19/2008	
Zinc	EPA 6010B	8K19128	5.0	**38**	1	11/19/2008	11/19/2008	

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B0031045.0003 GE 14TH STREET
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Sampled: 11/07/08-11/10/08
Received: 11/11/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)					**Sampled: 11/10/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K18153	0.020	**0.028**	1	11/18/2008	11/18/2008	
Antimony	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Arsenic	EPA 6010B	8K19128	2.0	**4.1**	1	11/19/2008	11/19/2008	
Barium	EPA 6010B	8K19128	1.0	**100**	1	11/19/2008	11/19/2008	
Beryllium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Cadmium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Chromium	EPA 6010B	8K19128	1.0	**30**	1	11/19/2008	11/19/2008	
Cobalt	EPA 6010B	8K19128	1.0	**5.9**	1	11/19/2008	11/19/2008	
Copper	EPA 6010B	8K19128	2.0	**29**	1	11/19/2008	11/19/2008	
Lead	EPA 6010B	8K19128	2.0	**4.1**	1	11/19/2008	11/19/2008	
Molybdenum	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Nickel	EPA 6010B	8K19128	2.0	**33**	1	11/19/2008	11/19/2008	
Selenium	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Silver	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/19/2008	
Thallium	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Vanadium	EPA 6010B	8K19128	1.0	**24**	1	11/19/2008	11/19/2008	
Zinc	EPA 6010B	8K19128	5.0	**49**	1	11/19/2008	11/19/2008	
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)					**Sampled: 11/10/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K18153	0.020	ND	1	11/18/2008	11/18/2008	
Antimony	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/20/2008	
Arsenic	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/20/2008	
Barium	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/20/2008	
Beryllium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/20/2008	
Cadmium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/20/2008	
Chromium	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/20/2008	
Cobalt	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/20/2008	
Copper	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/20/2008	
Lead	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/20/2008	
Molybdenum	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/20/2008	
Nickel	EPA 6010B	8K19128	2.0	**5.2**	1	11/19/2008	11/20/2008	
Selenium	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/20/2008	
Silver	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/20/2008	
Thallium	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/20/2008	
Vanadium	EPA 6010B	8K19128	1.0	**6.0**	1	11/19/2008	11/20/2008	
Zinc	EPA 6010B	8K19128	5.0	**7.1**	1	11/19/2008	11/20/2008	

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-22 (Equip Blank-HDB-001 - Water)					**Sampled: 11/10/08**			
Reporting Units: mg/l								
Mercury	EPA 7470A	8K19082	0.00020	ND	1	11/19/2008	11/19/2008	
Antimony	EPA 6010B	8K19159	0.010	ND	1	11/19/2008	11/20/2008	
Arsenic	EPA 6010B	8K19159	0.010	ND	1	11/19/2008	11/20/2008	
Barium	EPA 6010B	8K19159	0.010	ND	1	11/19/2008	11/20/2008	
Beryllium	EPA 6010B	8K19159	0.0040	ND	1	11/19/2008	11/20/2008	
Cadmium	EPA 6010B	8K19159	0.0050	ND	1	11/19/2008	11/20/2008	
Chromium	EPA 6010B	8K19159	0.0050	ND	1	11/19/2008	11/20/2008	
Cobalt	EPA 6010B	8K19159	0.010	ND	1	11/19/2008	11/20/2008	
Copper	EPA 6010B	8K19159	0.010	**0.014**	1	11/19/2008	11/20/2008	
Lead	EPA 6010B	8K19159	0.0050	ND	1	11/19/2008	11/20/2008	
Molybdenum	EPA 6010B	8K19159	0.020	ND	1	11/19/2008	11/20/2008	
Nickel	EPA 6010B	8K19159	0.010	ND	1	11/19/2008	11/20/2008	
Selenium	EPA 6010B	8K19159	0.010	ND	1	11/19/2008	11/20/2008	
Silver	EPA 6010B	8K19159	0.010	ND	1	11/19/2008	11/20/2008	
Thallium	EPA 6010B	8K19159	0.010	ND	1	11/19/2008	11/20/2008	
Vanadium	EPA 6010B	8K19159	0.010	ND	1	11/19/2008	11/20/2008	
Zinc	EPA 6010B	8K19159	0.020	ND	1	11/19/2008	11/20/2008	
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)					**Sampled: 11/10/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K18153	0.020	**0.037**	1	11/18/2008	11/18/2008	
Antimony	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Arsenic	EPA 6010B	8K19128	2.0	**3.7**	1	11/19/2008	11/19/2008	
Barium	EPA 6010B	8K19128	1.0	**110**	1	11/19/2008	11/19/2008	
Beryllium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Cadmium	EPA 6010B	8K19128	0.50	ND	1	11/19/2008	11/19/2008	
Chromium	EPA 6010B	8K19128	1.0	**37**	1	11/19/2008	11/19/2008	
Cobalt	EPA 6010B	8K19128	1.0	**6.7**	1	11/19/2008	11/19/2008	
Copper	EPA 6010B	8K19128	2.0	**20**	1	11/19/2008	11/19/2008	
Lead	EPA 6010B	8K19128	2.0	**3.0**	1	11/19/2008	11/19/2008	
Molybdenum	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Nickel	EPA 6010B	8K19128	2.0	**33**	1	11/19/2008	11/19/2008	
Selenium	EPA 6010B	8K19128	2.0	ND	1	11/19/2008	11/19/2008	
Silver	EPA 6010B	8K19128	1.0	ND	1	11/19/2008	11/19/2008	
Thallium	EPA 6010B	8K19128	10	ND	1	11/19/2008	11/19/2008	
Vanadium	EPA 6010B	8K19128	1.0	**34**	1	11/19/2008	11/19/2008	
Zinc	EPA 6010B	8K19128	5.0	**30**	1	11/19/2008	11/19/2008	

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)					**Sampled: 11/07/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)					**Sampled: 11/07/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13130	0.100	**12.0**	1	11/13/2008	11/13/2008	
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)					**Sampled: 11/10/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)					**Sampled: 11/10/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13130	0.100	**12.2**	1	11/13/2008	11/13/2008	
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)					**Sampled: 11/10/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)					**Sampled: 11/10/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13130	0.100	**12.3**	1	11/13/2008	11/13/2008	
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)					**Sampled: 11/10/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)					**Sampled: 11/10/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13130	0.100	**12.2**	1	11/13/2008	11/13/2008	
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)					**Sampled: 11/10/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)					**Sampled: 11/10/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13130	0.100	**12.2**	1	11/13/2008	11/13/2008	

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Received: 11/11/08

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)					**Sampled: 11/10/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)					**Sampled: 11/10/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13130	0.100	**4.57**	1	11/13/2008	11/13/2008	
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)					**Sampled: 11/10/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)					**Sampled: 11/10/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K13130	0.100	**12.1**	1	11/13/2008	11/13/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid) **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Acenaphthylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Aniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzidine	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Benzo(a)anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzoic acid	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Chrysene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dibenzofuran	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	7.5	11/15/2008	11/17/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dichlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid) - cont. **Sampled: 11/07/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	0.25	ND	1	NA	11/15/2008	11/17/2008	
Fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Fluorene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.050	ND	1	0.5	11/15/2008	11/17/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
Hexachloroethane	EPA 8270C	8K15039	0.050	ND	1	3.0	11/15/2008	11/17/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Isophorone	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Naphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Nitroaniline	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Nitrobenzene	EPA 8270C	8K15039	0.20	ND	1	2.0	11/15/2008	11/17/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Nitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pentachlorophenol	EPA 8270C	8K15039	0.20	ND	1	100.0	11/15/2008	11/17/2008	
Phenanthrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Phenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	400.0	11/15/2008	11/17/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	2.0	11/15/2008	11/17/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*81 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*63 %*					

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid) - cont.					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*58 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*70 %*					
Surrogate: Phenol-d6 (45-120%)				*64 %*					
Surrogate: Terphenyl-d14 (45-135%)				*79 %*					

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Project ID: Oakland
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Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid) **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Acenaphthylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Aniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzidine	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Benzo(a)anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzoic acid	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Chrysene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dibenzofuran	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	7.5	11/15/2008	11/17/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dichlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid) - cont. **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	0.25	ND	1	NA	11/15/2008	11/17/2008	
Fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Fluorene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.050	ND	1	0.5	11/15/2008	11/17/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
Hexachloroethane	EPA 8270C	8K15039	0.050	ND	1	3.0	11/15/2008	11/17/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Isophorone	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Naphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Nitroaniline	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Nitrobenzene	EPA 8270C	8K15039	0.20	ND	1	2.0	11/15/2008	11/17/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Nitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pentachlorophenol	EPA 8270C	8K15039	0.20	ND	1	100.0	11/15/2008	11/17/2008	
Phenanthrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Phenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	400.0	11/15/2008	11/17/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	2.0	11/15/2008	11/17/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*82 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*67 %*					

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Report Number: IRK1164

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*54 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*76 %*					
Surrogate: Phenol-d6 (45-120%)				*63 %*					
Surrogate: Terphenyl-d14 (45-135%)				*81 %*					

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Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid) **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Acenaphthylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Aniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzidine	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Benzo(a)anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzoic acid	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Chrysene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dibenzofuran	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	7.5	11/15/2008	11/17/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dichlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid) - cont. **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	0.25	ND	1	NA	11/15/2008	11/17/2008	
Fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Fluorene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.050	ND	1	0.5	11/15/2008	11/17/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
Hexachloroethane	EPA 8270C	8K15039	0.050	ND	1	3.0	11/15/2008	11/17/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Isophorone	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Naphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Nitroaniline	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Nitrobenzene	EPA 8270C	8K15039	0.20	ND	1	2.0	11/15/2008	11/17/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Nitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pentachlorophenol	EPA 8270C	8K15039	0.20	ND	1	100.0	11/15/2008	11/17/2008	
Phenanthrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Phenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	400.0	11/15/2008	11/17/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	2.0	11/15/2008	11/17/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*92 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*77 %*					

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*65 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*87 %*					
Surrogate: Phenol-d6 (45-120%)				*70 %*					
Surrogate: Terphenyl-d14 (45-135%)				*92 %*					

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Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid) **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Acenaphthylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Aniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzidine	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Benzo(a)anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Benzoic acid	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Chrysene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dibenzofuran	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	7.5	11/15/2008	11/17/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dichlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid) - cont. **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	0.25	ND	1	NA	11/15/2008	11/17/2008	
Fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Fluorene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/17/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.050	ND	1	0.5	11/15/2008	11/17/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/17/2008	
Hexachloroethane	EPA 8270C	8K15039	0.050	ND	1	3.0	11/15/2008	11/17/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
Isophorone	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Naphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
4-Nitroaniline	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
Nitrobenzene	EPA 8270C	8K15039	0.20	ND	1	2.0	11/15/2008	11/17/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
4-Nitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/17/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/17/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pentachlorophenol	EPA 8270C	8K15039	0.20	ND	1	100.0	11/15/2008	11/17/2008	
Phenanthrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Phenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
Pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/17/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	400.0	11/15/2008	11/17/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	2.0	11/15/2008	11/17/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*91 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*75 %*					

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Report Number: IRK1164

Sampled: 11/07/08-11/10/08
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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*67 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*87 %*					
Surrogate: Phenol-d6 (45-120%)				*75 %*					
Surrogate: Terphenyl-d14 (45-135%)				*87 %*					

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Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid) **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Aniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzidine	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Chrysene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	7.5	11/15/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid) - cont. **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	0.25	ND	1	NA	11/15/2008	11/18/2008	
Fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Fluorene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.050	ND	1	0.5	11/15/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K15039	0.050	ND	1	3.0	11/15/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Isophorone	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Naphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K15039	0.20	ND	1	2.0	11/15/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K15039	0.20	ND	1	100.0	11/15/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Phenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	400.0	11/15/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	2.0	11/15/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*79 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*68 %*					

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*62 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*76 %*					
Surrogate: Phenol-d6 (45-120%)				*67 %*					
Surrogate: Terphenyl-d14 (45-135%)				*79 %*					

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Project ID: Oakland
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Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid) **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.25	**0.42**	5	NA	11/15/2008	11/17/2008	
Acenaphthylene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Aniline	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Anthracene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Benzidine	EPA 8270C	8K15039	2.5	ND	5	NA	11/15/2008	11/17/2008	
Benzo(a)anthracene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Benzoic acid	EPA 8270C	8K15039	2.5	ND	5	NA	11/15/2008	11/17/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Chrysene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	
Dibenzofuran	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.25	ND	5	7.5	11/15/2008	11/17/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	1.0	ND	5	NA	11/15/2008	11/17/2008	
2,4-Dichlorophenol	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.50	**1.2**	5	NA	11/15/2008	11/17/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	1.0	ND	5	NA	11/15/2008	11/17/2008	

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid) - cont. **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	2.5	ND	5	NA	11/15/2008	11/17/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.25	ND	5	0.13	11/15/2008	11/17/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	1.0	ND	5	NA	11/15/2008	11/17/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	1.2	ND	5	NA	11/15/2008	11/17/2008	
Fluoranthene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Fluorene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.25	ND	5	0.13	11/15/2008	11/17/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.25	ND	5	0.5	11/15/2008	11/17/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	1.0	ND	5	NA	11/15/2008	11/17/2008	
Hexachloroethane	EPA 8270C	8K15039	0.25	ND	5	3.0	11/15/2008	11/17/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	
Isophorone	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.25	**0.40**	5	NA	11/15/2008	11/17/2008	
2-Methylphenol	EPA 8270C	8K15039	0.25	**1.3**	5	NA	11/15/2008	11/17/2008	
4-Methylphenol	EPA 8270C	8K15039	0.25	**4.7**	5	NA	11/15/2008	11/17/2008	
Naphthalene	EPA 8270C	8K15039	0.25	**4.5**	5	NA	11/15/2008	11/17/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	
4-Nitroaniline	EPA 8270C	8K15039	2.5	ND	5	NA	11/15/2008	11/17/2008	
Nitrobenzene	EPA 8270C	8K15039	1.0	ND	5	2.0	11/15/2008	11/17/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
4-Nitrophenol	EPA 8270C	8K15039	2.5	ND	5	NA	11/15/2008	11/17/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.50	ND	5	NA	11/15/2008	11/17/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Pentachlorophenol	EPA 8270C	8K15039	1.0	ND	5	100.0	11/15/2008	11/17/2008	
Phenanthrene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
Phenol	EPA 8270C	8K15039	0.25	**3.7**	5	NA	11/15/2008	11/17/2008	
Pyrene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.25	ND	5	NA	11/15/2008	11/17/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.50	ND	5	400.0	11/15/2008	11/17/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.50	ND	5	2.0	11/15/2008	11/17/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*99 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*74 %*					
Surrogate: 2-Fluorophenol (35-120%)				*68 %*					

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Arcadis - Blasland, Bouck & Lee - San Diego 9095 Rio San Diego Dr, Suite 240 San Diego, CA 92108 Attention: George Cebula	Project ID: Oakland B0031045.0003 GE 14TH STREET Report Number: IRK1164	Sampled: 11/07/08-11/10/08 Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Surrogate: Nitrobenzene-d5 (40-120%)				*82 %*					
Surrogate: Phenol-d6 (45-120%)				*87 %*					
Surrogate: Terphenyl-d14 (45-135%)				*82 %*					

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Project ID: Oakland
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Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid) **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Aniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzidine	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Chrysene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	7.5	11/15/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid) - cont. **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K15039	0.25	ND	1	NA	11/15/2008	11/18/2008	
Fluoranthene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Fluorene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K15039	0.050	ND	1	0.13	11/15/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K15039	0.050	ND	1	0.5	11/15/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K15039	0.20	ND	1	NA	11/15/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K15039	0.050	ND	1	3.0	11/15/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
Isophorone	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Naphthalene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K15039	0.20	ND	1	2.0	11/15/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K15039	0.50	ND	1	NA	11/15/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K15039	0.10	ND	1	NA	11/15/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K15039	0.20	ND	1	100.0	11/15/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Phenol	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
Pyrene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K15039	0.050	ND	1	NA	11/15/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	400.0	11/15/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K15039	0.10	ND	1	2.0	11/15/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*85 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*71 %*					

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*66 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*81 %*					
Surrogate: Phenol-d6 (45-120%)				*71 %*					
Surrogate: Terphenyl-d14 (45-135%)				*81 %*					

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/15/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/15/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/15/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/15/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/15/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid) - cont.					**Sampled: 11/07/08**				
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Naphthalene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/15/2008	
Toluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/15/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*87 %*					
Surrogate: Dibromofluoromethane (80-120%)				*88 %*					
Surrogate: Toluene-d8 (80-120%)				*90 %*					

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/15/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/15/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/15/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/15/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/15/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	

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Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/15/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
Naphthalene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/15/2008	
Toluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/15/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/15/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/15/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/15/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/15/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*					
Surrogate: Dibromofluoromethane (80-120%)				*89 %*					
Surrogate: Toluene-d8 (80-120%)				*88 %*					

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid) **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/18/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/18/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/18/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/18/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/18/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Naphthalene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/18/2008	
Toluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/18/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/18/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*99 %*					
Surrogate: Dibromofluoromethane (80-120%)				*96 %*					
Surrogate: Toluene-d8 (80-120%)				*94 %*					

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/18/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/18/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/18/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/18/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/18/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Naphthalene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/18/2008	
Toluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/18/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/18/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*					
Surrogate: Dibromofluoromethane (80-120%)				*96 %*					
Surrogate: Toluene-d8 (80-120%)				*93 %*					

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Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/18/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/18/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/18/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/18/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/18/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Naphthalene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/18/2008	
Toluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/18/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/18/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*					
Surrogate: Dibromofluoromethane (80-120%)				*97 %*					
Surrogate: Toluene-d8 (80-120%)				*95 %*					

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/18/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/18/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/18/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/18/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/18/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	

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Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/18/2008	
Toluene	8260B-TCLP	8K14027	0.020	**0.034**	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/18/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	**0.025**	1	NA	11/13/2008	11/18/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/18/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*					
Surrogate: Dibromofluoromethane (80-120%)				*96 %*					
Surrogate: Toluene-d8 (80-120%)				*95 %*					

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-21RE1 (B9-WW-CHWP-003 - Solid) - cont.					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Naphthalene	8260B-TCLP	8K14027	1.0	**6.8**	20	NA	11/14/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*83 %*					
Surrogate: Dibromofluoromethane (80-120%)				*85 %*					
Surrogate: Toluene-d8 (80-120%)				*92 %*					

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Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Bromobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromochloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromodichloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Bromoform	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Bromomethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Butanone (MEK)	8260B-TCLP	8K14027	0.10	ND	1	200.0	11/13/2008	11/18/2008	
n-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
tert-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
sec-Butylbenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Carbon tetrachloride	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Chlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	100.0	11/13/2008	11/18/2008	
Chloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Chloroform	8260B-TCLP	8K14027	0.020	ND	1	6.0	11/13/2008	11/18/2008	
Chloromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
4-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
2-Chlorotoluene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Dibromochloromethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Dibromomethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K14027	0.020	ND	1	7.5	11/13/2008	11/18/2008	
Dichlorodifluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloroethane	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
1,1-Dichloroethene	8260B-TCLP	8K14027	0.050	ND	1	0.7	11/13/2008	11/18/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
2,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2-Dichloropropane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	

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B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid) - cont. **Sampled: 11/10/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Ethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Hexachlorobutadiene	8260B-TCLP	8K14027	0.050	ND	1	0.5	11/13/2008	11/18/2008	
Isopropylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
p-Isopropyltoluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Methylene chloride	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
Naphthalene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
n-Propylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Styrene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Tetrachloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.7	11/13/2008	11/18/2008	
Toluene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Trichloroethene	8260B-TCLP	8K14027	0.020	ND	1	0.5	11/13/2008	11/18/2008	
Trichlorofluoromethane	8260B-TCLP	8K14027	0.050	ND	1	NA	11/13/2008	11/18/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K14027	0.10	ND	1	NA	11/13/2008	11/18/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Vinyl chloride	8260B-TCLP	8K14027	0.050	ND	1	0.2	11/13/2008	11/18/2008	
m,p-Xylenes	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
o-Xylene	8260B-TCLP	8K14027	0.020	ND	1	NA	11/13/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*					
Surrogate: Dibromofluoromethane (80-120%)				*93 %*					
Surrogate: Toluene-d8 (80-120%)				*92 %*					

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)					**Sampled: 11/07/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	**0.29**	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	**0.15**	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	**0.34**	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	**0.34**	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	**0.20**	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	

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TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	**0.43**	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	**0.46**	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	ND	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	

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TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)					**Sampled: 11/10/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K17079	0.0020	ND	1	0.2	11/17/2008	11/17/2008	
Arsenic	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	
Barium	6010B-TCLP	8K14131	0.20	**0.48**	1	100.0	11/14/2008	11/17/2008	
Cadmium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Chromium	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Lead	6010B-TCLP	8K14131	0.10	ND	1	5.0	11/14/2008	11/17/2008	
Selenium	6010B-TCLP	8K14131	0.10	ND	1	1.0	11/14/2008	11/17/2008	
Silver	6010B-TCLP	8K14131	0.20	ND	1	5.0	11/14/2008	11/17/2008	

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Received: 11/11/08

TCLP EXTRACTION - Zero Headspace (ZHE)

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-ZHE	8K13145	11/13/2008	11/14/2008	

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP EXTRACTION - Semi Volatiles

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-SV	8K13146	11/13/2008	11/14/2008	

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Sushmitha Reddy
Project Manager

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1164-02 (B18-CF-CHWP-005 - Solid)			**Sampled: 11/07/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	
Sample ID: IRK1164-07 (B20-CF-CHWP-005 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	
Sample ID: IRK1164-11 (PHT-CF-CHWP-002 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	
Sample ID: IRK1164-14 (B4-CF-CHWP-009 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	
Sample ID: IRK1164-17 (B4-CF-CHWP-012 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	
Sample ID: IRK1164-21 (B9-WW-CHWP-003 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	
Sample ID: IRK1164-25 (B17-WW-CHWP-011 - Solid)			**Sampled: 11/10/08**		
Extraction	EPA 1311-Met	8K13144	11/13/2008	11/14/2008	

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16014 Extracted: 11/16/08										
Blank Analyzed: 11/16/2008 (8K16014-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16014 Extracted: 11/16/08										
Blank Analyzed: 11/16/2008 (8K16014-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*21.0*		*ug/l*	*25.0*		*84*	*80-120*			
Surrogate: Toluene-d8	*22.3*		*ug/l*	*25.0*		*89*	*80-120*			
LCS Analyzed: 11/16/2008 (8K16014-BS1)										
Benzene	22.0	2.0	ug/l	25.0		88	70-120			
Bromobenzene	24.3	5.0	ug/l	25.0		97	75-120			
Bromochloromethane	21.2	5.0	ug/l	25.0		85	70-130			
Bromodichloromethane	25.0	2.0	ug/l	25.0		100	70-135			
Bromoform	19.8	5.0	ug/l	25.0		79	55-130			
Bromomethane	23.1	5.0	ug/l	25.0		92	65-140			
n-Butylbenzene	25.6	5.0	ug/l	25.0		102	70-130			
tert-Butylbenzene	25.3	5.0	ug/l	25.0		101	70-125			

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Sampled: 11/07/08-11/10/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16014 Extracted: 11/16/08										
LCS Analyzed: 11/16/2008 (8K16014-BS1)										
sec-Butylbenzene	25.5	5.0	ug/l	25.0		102	70-125			
Carbon tetrachloride	22.4	5.0	ug/l	25.0		90	65-140			
Chlorobenzene	24.3	2.0	ug/l	25.0		97	75-120			
Chloroethane	25.1	5.0	ug/l	25.0		100	60-140			
Chloroform	21.6	2.0	ug/l	25.0		86	70-130			
Chloromethane	21.6	5.0	ug/l	25.0		86	50-140			
4-Chlorotoluene	25.7	5.0	ug/l	25.0		103	75-125			
2-Chlorotoluene	25.3	5.0	ug/l	25.0		101	70-125			
1,2-Dibromo-3-chloropropane	24.8	5.0	ug/l	25.0		99	50-135			
Dibromochloromethane	23.4	2.0	ug/l	25.0		94	70-140			
1,2-Dibromoethane (EDB)	23.8	2.0	ug/l	25.0		95	75-125			
Dibromomethane	23.2	2.0	ug/l	25.0		93	70-125			
1,2-Dichlorobenzene	24.2	2.0	ug/l	25.0		97	75-120			
1,3-Dichlorobenzene	24.5	2.0	ug/l	25.0		98	75-120			
1,4-Dichlorobenzene	23.9	2.0	ug/l	25.0		96	75-120			
Dichlorodifluoromethane	15.9	5.0	ug/l	25.0		64	35-155			
1,1-Dichloroethane	22.1	2.0	ug/l	25.0		88	70-125			
1,2-Dichloroethane	24.3	2.0	ug/l	25.0		97	60-140			
1,1-Dichloroethene	18.5	5.0	ug/l	25.0		74	70-125			
cis-1,2-Dichloroethene	22.8	2.0	ug/l	25.0		91	70-125			
trans-1,2-Dichloroethene	19.8	2.0	ug/l	25.0		79	70-125			
1,3-Dichloropropane	24.8	2.0	ug/l	25.0		99	70-120			
2,2-Dichloropropane	23.9	2.0	ug/l	25.0		96	65-140			
1,2-Dichloropropane	23.5	2.0	ug/l	25.0		94	70-125			
cis-1,3-Dichloropropene	29.8	2.0	ug/l	25.0		119	75-125			
trans-1,3-Dichloropropene	23.7	2.0	ug/l	25.0		95	70-125			
1,1-Dichloropropene	25.0	2.0	ug/l	25.0		100	75-130			
Ethylbenzene	24.2	2.0	ug/l	25.0		97	75-125			
Hexachlorobutadiene	25.5	5.0	ug/l	25.0		102	65-135			
Isopropylbenzene	24.8	2.0	ug/l	25.0		99	75-130			
p-Isopropyltoluene	25.3	2.0	ug/l	25.0		101	75-125			
Methylene chloride	20.8	5.0	ug/l	25.0		83	55-130			
Naphthalene	25.3	5.0	ug/l	25.0		101	55-135			
n-Propylbenzene	25.5	2.0	ug/l	25.0		102	75-130			
Styrene	25.0	2.0	ug/l	25.0		100	75-130			
1,1,1,2-Tetrachloroethane	26.2	5.0	ug/l	25.0		105	70-130			

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San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16014 Extracted: 11/16/08										
LCS Analyzed: 11/16/2008 (8K16014-BS1)										
1,1,2,2-Tetrachloroethane	26.5	2.0	ug/l	25.0		106	55-130			
Tetrachloroethene	23.1	2.0	ug/l	25.0		92	70-125			
Toluene	22.2	2.0	ug/l	25.0		89	70-120			
1,2,3-Trichlorobenzene	24.4	5.0	ug/l	25.0		97	65-125			
1,2,4-Trichlorobenzene	25.4	5.0	ug/l	25.0		101	70-135			
1,1,1-Trichloroethane	21.0	2.0	ug/l	25.0		84	65-135			
1,1,2-Trichloroethane	23.2	2.0	ug/l	25.0		93	70-125			
Trichloroethene	22.7	2.0	ug/l	25.0		91	70-125			
Trichlorofluoromethane	20.4	5.0	ug/l	25.0		81	65-145			
1,2,3-Trichloropropane	24.9	10	ug/l	25.0		100	60-130			
1,2,4-Trimethylbenzene	26.3	2.0	ug/l	25.0		105	75-125			
1,3,5-Trimethylbenzene	25.0	2.0	ug/l	25.0		100	75-125			
Vinyl chloride	22.2	5.0	ug/l	25.0		89	55-135			
m,p-Xylenes	49.1	2.0	ug/l	50.0		98	75-125			
o-Xylene	24.8	2.0	ug/l	25.0		99	75-125			
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*21.5*		*ug/l*	*25.0*		*86*	*80-120*			
Surrogate: Toluene-d8	*22.1*		*ug/l*	*25.0*		*88*	*80-120*			
Matrix Spike Analyzed: 11/16/2008 (8K16014-MS1)					**Source: IRK1144-01**					
Benzene	25.6	2.0	ug/l	25.0	ND	102	65-125			
Bromobenzene	27.2	5.0	ug/l	25.0	ND	109	70-125			
Bromochloromethane	23.7	5.0	ug/l	25.0	ND	95	65-135			
Bromodichloromethane	28.8	2.0	ug/l	25.0	ND	115	70-135			
Bromoform	22.2	5.0	ug/l	25.0	ND	89	55-135			
Bromomethane	26.7	5.0	ug/l	25.0	ND	107	55-145			
n-Butylbenzene	29.8	5.0	ug/l	25.0	ND	119	65-135			
tert-Butylbenzene	29.1	5.0	ug/l	25.0	ND	116	65-130			
sec-Butylbenzene	29.4	5.0	ug/l	25.0	ND	118	70-125			
Carbon tetrachloride	27.1	5.0	ug/l	25.0	ND	108	65-140			
Chlorobenzene	27.9	2.0	ug/l	25.0	ND	112	75-125			
Chloroethane	29.2	5.0	ug/l	25.0	ND	117	55-140			
Chloroform	24.6	2.0	ug/l	25.0	ND	98	65-135			
Chloromethane	25.6	5.0	ug/l	25.0	ND	103	45-145			
4-Chlorotoluene	29.5	5.0	ug/l	25.0	ND	118	70-135			
2-Chlorotoluene	28.8	5.0	ug/l	25.0	ND	115	65-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16014 Extracted: 11/16/08										
Matrix Spike Analyzed: 11/16/2008 (8K16014-MS1)					**Source: IRK1144-01**					
1,2-Dibromo-3-chloropropane	28.0	5.0	ug/l	25.0	ND	112	45-145			
Dibromochloromethane	26.3	2.0	ug/l	25.0	ND	105	65-140			
1,2-Dibromoethane (EDB)	27.1	2.0	ug/l	25.0	ND	108	70-130			
Dibromomethane	26.8	2.0	ug/l	25.0	ND	107	65-135			
1,2-Dichlorobenzene	27.6	2.0	ug/l	25.0	ND	110	75-125			
1,3-Dichlorobenzene	28.0	2.0	ug/l	25.0	ND	112	75-125			
1,4-Dichlorobenzene	27.3	2.0	ug/l	25.0	ND	109	75-125			
Dichlorodifluoromethane	20.1	5.0	ug/l	25.0	ND	81	25-155			
1,1-Dichloroethane	25.4	2.0	ug/l	25.0	ND	102	65-130			
1,2-Dichloroethane	28.1	2.0	ug/l	25.0	ND	112	60-140			
1,1-Dichloroethene	26.2	5.0	ug/l	25.0	ND	105	60-130			
cis-1,2-Dichloroethene	25.8	2.0	ug/l	25.0	ND	103	65-130			
trans-1,2-Dichloroethene	24.2	2.0	ug/l	25.0	ND	97	65-130			
1,3-Dichloropropane	28.3	2.0	ug/l	25.0	ND	113	65-135			
2,2-Dichloropropane	30.5	2.0	ug/l	25.0	ND	122	60-145			
1,2-Dichloropropane	26.9	2.0	ug/l	25.0	ND	108	65-130			
cis-1,3-Dichloropropene	34.0	2.0	ug/l	25.0	ND	136	70-130			*M1*
trans-1,3-Dichloropropene	27.5	2.0	ug/l	25.0	ND	110	65-135			
1,1-Dichloropropene	29.4	2.0	ug/l	25.0	ND	117	70-135			
Ethylbenzene	27.8	2.0	ug/l	25.0	ND	111	65-130			
Hexachlorobutadiene	29.9	5.0	ug/l	25.0	ND	120	60-135			
Isopropylbenzene	28.4	2.0	ug/l	25.0	ND	114	70-135			
p-Isopropyltoluene	29.2	2.0	ug/l	25.0	ND	117	65-130			
Methylene chloride	23.8	5.0	ug/l	25.0	ND	95	50-135			
Naphthalene	29.1	5.0	ug/l	25.0	ND	116	50-140			
n-Propylbenzene	29.4	2.0	ug/l	25.0	ND	118	70-135			
Styrene	28.1	2.0	ug/l	25.0	ND	113	50-145			
1,1,1,2-Tetrachloroethane	30.1	5.0	ug/l	25.0	ND	120	65-140			
1,1,2,2-Tetrachloroethane	30.1	2.0	ug/l	25.0	ND	120	55-135			
Tetrachloroethene	27.2	2.0	ug/l	25.0	ND	109	65-130			
Toluene	25.8	2.0	ug/l	25.0	ND	103	70-125			
1,2,3-Trichlorobenzene	28.1	5.0	ug/l	25.0	ND	113	60-135			
1,2,4-Trichlorobenzene	29.4	5.0	ug/l	25.0	ND	117	65-135			
1,1,1-Trichloroethane	27.2	2.0	ug/l	25.0	ND	109	65-140			
1,1,2-Trichloroethane	26.7	2.0	ug/l	25.0	ND	107	65-130			
Trichloroethene	26.4	2.0	ug/l	25.0	ND	106	65-125			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16014 Extracted: 11/16/08										
Matrix Spike Analyzed: 11/16/2008 (8K16014-MS1)					**Source: IRK1144-01**					
Trichlorofluoromethane	24.9	5.0	ug/l	25.0	ND	100	60-145			
1,2,3-Trichloropropane	28.2	10	ug/l	25.0	ND	113	55-135			
1,2,4-Trimethylbenzene	29.8	2.0	ug/l	25.0	ND	119	55-135			
1,3,5-Trimethylbenzene	28.4	2.0	ug/l	25.0	ND	114	70-130			
Vinyl chloride	26.6	5.0	ug/l	25.0	ND	106	45-140			
m,p-Xylenes	56.6	2.0	ug/l	50.0	ND	113	65-130			
o-Xylene	28.4	2.0	ug/l	25.0	ND	114	65-125			
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*21.0*		*ug/l*	*25.0*		*84*	*80-120*			
Surrogate: Toluene-d8	*22.3*		*ug/l*	*25.0*		*89*	*80-120*			
Matrix Spike Dup Analyzed: 11/16/2008 (8K16014-MSD1)					**Source: IRK1144-01**					
Benzene	24.1	2.0	ug/l	25.0	ND	96	65-125	6	20	
Bromobenzene	26.2	5.0	ug/l	25.0	ND	105	70-125	4	20	
Bromochloromethane	22.6	5.0	ug/l	25.0	ND	91	65-135	4	25	
Bromodichloromethane	27.4	2.0	ug/l	25.0	ND	110	70-135	5	20	
Bromoform	21.3	5.0	ug/l	25.0	ND	85	55-135	4	25	
Bromomethane	25.5	5.0	ug/l	25.0	ND	102	55-145	5	25	
n-Butylbenzene	28.4	5.0	ug/l	25.0	ND	114	65-135	5	20	
tert-Butylbenzene	28.0	5.0	ug/l	25.0	ND	112	65-130	4	20	
sec-Butylbenzene	28.2	5.0	ug/l	25.0	ND	113	70-125	4	20	
Carbon tetrachloride	25.3	5.0	ug/l	25.0	ND	101	65-140	7	25	
Chlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125	6	20	
Chloroethane	27.7	5.0	ug/l	25.0	ND	111	55-140	5	25	
Chloroform	23.1	2.0	ug/l	25.0	ND	92	65-135	6	20	
Chloromethane	24.1	5.0	ug/l	25.0	ND	96	45-145	6	25	
4-Chlorotoluene	28.2	5.0	ug/l	25.0	ND	113	70-135	4	20	
2-Chlorotoluene	27.6	5.0	ug/l	25.0	ND	110	65-135	4	20	
1,2-Dibromo-3-chloropropane	26.1	5.0	ug/l	25.0	ND	105	45-145	7	30	
Dibromochloromethane	25.1	2.0	ug/l	25.0	ND	101	65-140	5	25	
1,2-Dibromoethane (EDB)	25.4	2.0	ug/l	25.0	ND	102	70-130	6	25	
Dibromomethane	25.3	2.0	ug/l	25.0	ND	101	65-135	6	25	
1,2-Dichlorobenzene	26.3	2.0	ug/l	25.0	ND	105	75-125	5	20	
1,3-Dichlorobenzene	26.8	2.0	ug/l	25.0	ND	107	75-125	5	20	
1,4-Dichlorobenzene	26.3	2.0	ug/l	25.0	ND	105	75-125	4	20	
Dichlorodifluoromethane	18.9	5.0	ug/l	25.0	ND	75	25-155	7	30	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16014 Extracted: 11/16/08										
Matrix Spike Dup Analyzed: 11/16/2008 (8K16014-MSD1)					**Source: IRK1144-01**					
1,1-Dichloroethane	23.8	2.0	ug/l	25.0	ND	95	65-130	7	20	
1,2-Dichloroethane	26.3	2.0	ug/l	25.0	ND	105	60-140	7	20	
1,1-Dichloroethene	23.7	5.0	ug/l	25.0	ND	95	60-130	10	20	
cis-1,2-Dichloroethene	24.5	2.0	ug/l	25.0	ND	98	65-130	5	20	
trans-1,2-Dichloroethene	22.5	2.0	ug/l	25.0	ND	90	65-130	7	20	
1,3-Dichloropropane	26.5	2.0	ug/l	25.0	ND	106	65-135	7	25	
2,2-Dichloropropane	26.3	2.0	ug/l	25.0	ND	105	60-145	15	25	
1,2-Dichloropropane	25.4	2.0	ug/l	25.0	ND	102	65-130	6	20	
cis-1,3-Dichloropropene	32.0	2.0	ug/l	25.0	ND	128	70-130	6	20	
trans-1,3-Dichloropropene	25.7	2.0	ug/l	25.0	ND	103	65-135	7	25	
1,1-Dichloropropene	27.6	2.0	ug/l	25.0	ND	110	70-135	6	20	
Ethylbenzene	26.4	2.0	ug/l	25.0	ND	106	65-130	5	20	
Hexachlorobutadiene	28.5	5.0	ug/l	25.0	ND	114	60-135	5	20	
Isopropylbenzene	27.4	2.0	ug/l	25.0	ND	109	70-135	4	20	
p-Isopropyltoluene	27.8	2.0	ug/l	25.0	ND	111	65-130	5	20	
Methylene chloride	22.1	5.0	ug/l	25.0	ND	88	50-135	7	20	
Naphthalene	27.1	5.0	ug/l	25.0	ND	108	50-140	7	30	
n-Propylbenzene	28.3	2.0	ug/l	25.0	ND	113	70-135	4	20	
Styrene	26.3	2.0	ug/l	25.0	ND	105	50-145	7	30	
1,1,1,2-Tetrachloroethane	28.5	5.0	ug/l	25.0	ND	114	65-140	6	20	
1,1,2,2-Tetrachloroethane	28.4	2.0	ug/l	25.0	ND	114	55-135	6	30	
Tetrachloroethene	25.5	2.0	ug/l	25.0	ND	102	65-130	6	20	
Toluene	24.4	2.0	ug/l	25.0	ND	98	70-125	6	20	
1,2,3-Trichlorobenzene	26.6	5.0	ug/l	25.0	ND	106	60-135	6	20	
1,2,4-Trichlorobenzene	27.8	5.0	ug/l	25.0	ND	111	65-135	6	20	
1,1,1-Trichloroethane	23.3	2.0	ug/l	25.0	ND	93	65-140	15	20	
1,1,2-Trichloroethane	25.1	2.0	ug/l	25.0	ND	100	65-130	6	25	
Trichloroethene	24.9	2.0	ug/l	25.0	ND	99	65-125	6	20	
Trichlorofluoromethane	23.1	5.0	ug/l	25.0	ND	92	60-145	8	25	
1,2,3-Trichloropropane	26.6	10	ug/l	25.0	ND	106	55-135	6	30	
1,2,4-Trimethylbenzene	28.4	2.0	ug/l	25.0	ND	114	55-135	5	25	
1,3,5-Trimethylbenzene	27.1	2.0	ug/l	25.0	ND	108	70-130	5	20	
Vinyl chloride	24.9	5.0	ug/l	25.0	ND	99	45-140	7	30	
m,p-Xylenes	53.5	2.0	ug/l	50.0	ND	107	65-130	6	25	
o-Xylene	26.8	2.0	ug/l	25.0	ND	107	65-125	6	20	
Surrogate: 4-Bromofluorobenzene	*22.4*		*ug/l*	*25.0*		*89*	*80-120*			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K16014 Extracted: 11/16/08										
Matrix Spike Dup Analyzed: 11/16/2008 (8K16014-MSD1)					**Source: IRK1144-01**					
Surrogate: Dibromofluoromethane	*21.0*		*ug/l*	*25.0*		*84*	*80-120*			
Surrogate: Toluene-d8	*22.1*		*ug/l*	*25.0*		*88*	*80-120*			
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	100	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
2,2-Dichloropropane	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2380*		*ug/kg*	*2500*		*95*	*65-140*			
Surrogate: Dibromofluoromethane	*2560*		*ug/kg*	*2500*		*102*	*55-140*			
Surrogate: Toluene-d8	*2450*		*ug/kg*	*2500*		*98*	*60-140*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
Benzene	2620	100	ug/kg	2500		105	65-120			
Bromobenzene	2690	250	ug/kg	2500		108	70-120			
Bromochloromethane	2630	250	ug/kg	2500		105	65-125			
Bromodichloromethane	2940	100	ug/kg	2500		118	65-135			
Bromoform	2200	250	ug/kg	2500		88	50-130			
Bromomethane	2470	250	ug/kg	2500		99	30-140			
n-Butylbenzene	2840	250	ug/kg	2500		114	70-130			
tert-Butylbenzene	2770	250	ug/kg	2500		111	70-125			
sec-Butylbenzene	2780	250	ug/kg	2500		111	70-125			
Carbon tetrachloride	2430	100	ug/kg	2500		97	65-145			
Chlorobenzene	2760	100	ug/kg	2500		111	70-125			
Chloroethane	2580	250	ug/kg	2500		103	40-140			
Chloroform	2660	100	ug/kg	2500		106	75-130			
Chloromethane	3000	250	ug/kg	2500		120	30-140			
4-Chlorotoluene	2850	250	ug/kg	2500		114	70-125			
2-Chlorotoluene	2800	250	ug/kg	2500		112	70-125			
1,2-Dibromo-3-chloropropane	2580	250	ug/kg	2500		103	45-135			
Dibromochloromethane	2600	100	ug/kg	2500		104	65-140			
1,2-Dibromoethane (EDB)	2740	100	ug/kg	2500		110	70-130			
Dibromomethane	2800	100	ug/kg	2500		112	65-130			
1,2-Dichlorobenzene	2720	100	ug/kg	2500		109	70-120			
1,3-Dichlorobenzene	2730	100	ug/kg	2500		109	70-125			
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125			
Dichlorodifluoromethane	2520	200	ug/kg	2500		101	10-155			
1,1-Dichloroethane	2660	100	ug/kg	2500		107	65-130			
1,2-Dichloroethane	2970	100	ug/kg	2500		119	60-145			
1,1-Dichloroethene	2110	250	ug/kg	2500		84	75-140			
cis-1,2-Dichloroethene	2890	100	ug/kg	2500		116	65-130			
trans-1,2-Dichloroethene	2820	100	ug/kg	2500		113	65-130			
1,3-Dichloropropane	2900	100	ug/kg	2500		116	65-130			
2,2-Dichloropropane	2860	100	ug/kg	2500		114	60-145			
1,2-Dichloropropane	2760	100	ug/kg	2500		110	75-125			
cis-1,3-Dichloropropene	3530	100	ug/kg	2500		141	70-130			*L*
trans-1,3-Dichloropropene	2870	100	ug/kg	2500		115	65-135			
1,1-Dichloropropene	3000	100	ug/kg	2500		120	70-130			
Ethylbenzene	2760	100	ug/kg	2500		110	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
Hexachlorobutadiene	2860	250	ug/kg	2500		114	60-135			
Isopropylbenzene	2720	100	ug/kg	2500		109	70-125			
p-Isopropyltoluene	2780	100	ug/kg	2500		111	70-125			
Methylene chloride	2480	1000	ug/kg	2500		99	60-140			
Naphthalene	2760	250	ug/kg	2500		110	50-140			
n-Propylbenzene	2810	100	ug/kg	2500		113	70-130			
Styrene	2850	100	ug/kg	2500		114	70-135			
1,1,1,2-Tetrachloroethane	2980	250	ug/kg	2500		119	70-140			
1,1,2,2-Tetrachloroethane	2940	100	ug/kg	2500		118	55-135			
Tetrachloroethene	2640	100	ug/kg	2500		106	65-125			
Toluene	2640	100	ug/kg	2500		106	80-120			
1,2,3-Trichlorobenzene	2750	250	ug/kg	2500		110	60-135			
1,2,4-Trichlorobenzene	2880	250	ug/kg	2500		115	65-135			
1,1,1-Trichloroethane	2440	100	ug/kg	2500		98	65-140			
1,1,2-Trichloroethane	2770	100	ug/kg	2500		111	65-130			
Trichloroethene	2660	100	ug/kg	2500		106	70-130			
Trichlorofluoromethane	1800	250	ug/kg	2500		72	50-145			
1,2,3-Trichloropropane	2780	500	ug/kg	2500		111	55-130			
1,2,4-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125			
1,3,5-Trimethylbenzene	2750	100	ug/kg	2500		110	70-125			
Vinyl chloride	1840	100	ug/kg	2500		73	10-120			
m,p-Xylenes	5570	100	ug/kg	5000		111	70-125			
o-Xylene	2820	100	ug/kg	2500		113	70-125			
Surrogate: 4-Bromofluorobenzene	*2280*		*ug/kg*	*2500*		*91*	*65-140*			
Surrogate: Dibromofluoromethane	*2250*		*ug/kg*	*2500*		*90*	*55-140*			
Surrogate: Toluene-d8	*2240*		*ug/kg*	*2500*		*90*	*60-140*			
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
Benzene	2440	100	ug/kg	2500		98	65-120	7	20	
Bromobenzene	2730	250	ug/kg	2500		109	70-120	1	20	
Bromochloromethane	2660	250	ug/kg	2500		106	65-125	1	20	
Bromodichloromethane	3000	100	ug/kg	2500		120	65-135	2	20	
Bromoform	2490	250	ug/kg	2500		100	50-130	13	25	
Bromomethane	3160	250	ug/kg	2500		126	30-140	25	30	
n-Butylbenzene	2760	250	ug/kg	2500		110	70-130	3	20	
tert-Butylbenzene	2910	250	ug/kg	2500		116	70-125	5	20	

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
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Sampled: 11/07/08-11/10/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
sec-Butylbenzene	2790	250	ug/kg	2500		111	70-125	0	20	
Carbon tetrachloride	3470	100	ug/kg	2500		139	65-145	35	20	*R-7*
Chlorobenzene	2800	100	ug/kg	2500		112	70-125	1	20	
Chloroethane	2410	250	ug/kg	2500		96	40-140	7	25	
Chloroform	2580	100	ug/kg	2500		103	75-130	3	20	
Chloromethane	2920	250	ug/kg	2500		117	30-140	3	25	
4-Chlorotoluene	2640	250	ug/kg	2500		106	70-125	8	20	
2-Chlorotoluene	2590	250	ug/kg	2500		104	70-125	8	20	
1,2-Dibromo-3-chloropropane	2370	250	ug/kg	2500		95	45-135	9	25	
Dibromochloromethane	2830	100	ug/kg	2500		113	65-140	8	20	
1,2-Dibromoethane (EDB)	2590	100	ug/kg	2500		104	70-130	6	20	
Dibromomethane	2690	100	ug/kg	2500		108	65-130	4	20	
1,2-Dichlorobenzene	2750	100	ug/kg	2500		110	70-120	1	20	
1,3-Dichlorobenzene	2810	100	ug/kg	2500		112	70-125	3	20	
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125	0	20	
Dichlorodifluoromethane	3670	200	ug/kg	2500		147	10-155	37	30	*R-7*
1,1-Dichloroethane	2560	100	ug/kg	2500		102	65-130	4	20	
1,2-Dichloroethane	2960	100	ug/kg	2500		118	60-145	1	20	
1,1-Dichloroethene	2600	250	ug/kg	2500		104	75-140	21	20	*R-7*
cis-1,2-Dichloroethene	2410	100	ug/kg	2500		96	65-130	18	20	
trans-1,2-Dichloroethene	2680	100	ug/kg	2500		107	65-130	5	20	
1,3-Dichloropropane	2440	100	ug/kg	2500		98	65-130	17	20	
2,2-Dichloropropane	2930	100	ug/kg	2500		117	60-145	2	25	
1,2-Dichloropropane	2520	100	ug/kg	2500		101	75-125	9	20	
cis-1,3-Dichloropropene	2690	100	ug/kg	2500		108	70-130	27	20	*R-7*
trans-1,3-Dichloropropene	2830	100	ug/kg	2500		113	65-135	1	20	
1,1-Dichloropropene	2780	100	ug/kg	2500		111	70-130	7	20	
Ethylbenzene	2710	100	ug/kg	2500		109	80-120	2	20	
Hexachlorobutadiene	3270	250	ug/kg	2500		131	60-135	13	20	
Isopropylbenzene	3210	100	ug/kg	2500		128	70-125	16	20	*L*
p-Isopropyltoluene	2950	100	ug/kg	2500		118	70-125	6	20	
Methylene chloride	2310	1000	ug/kg	2500		92	60-140	7	20	
Naphthalene	2580	250	ug/kg	2500		103	50-140	7	25	
n-Propylbenzene	2750	100	ug/kg	2500		110	70-130	2	20	
Styrene	2810	100	ug/kg	2500		113	70-135	1	20	
1,1,1,2-Tetrachloroethane	3170	250	ug/kg	2500		127	70-140	6	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
1,1,2,2-Tetrachloroethane	2230	100	ug/kg	2500		89	55-135	28	25	*R-7*
Tetrachloroethene	2920	100	ug/kg	2500		117	65-125	10	20	
Toluene	2630	100	ug/kg	2500		105	80-120	0	20	
1,2,3-Trichlorobenzene	2890	250	ug/kg	2500		115	60-135	5	20	
1,2,4-Trichlorobenzene	3030	250	ug/kg	2500		121	65-135	5	20	
1,1,1-Trichloroethane	3030	100	ug/kg	2500		121	65-140	21	20	*R-7*
1,1,2-Trichloroethane	2440	100	ug/kg	2500		98	65-130	13	20	
Trichloroethene	2910	100	ug/kg	2500		116	70-130	9	20	
Trichlorofluoromethane	3090	250	ug/kg	2500		124	50-145	53	25	*R-7*
1,2,3-Trichloropropane	2200	500	ug/kg	2500		88	55-130	23	25	
1,2,4-Trimethylbenzene	2860	100	ug/kg	2500		115	70-125	2	20	
1,3,5-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125	6	20	
Vinyl chloride	1380	100	ug/kg	2500		55	10-120	29	30	
m,p-Xylenes	5520	100	ug/kg	5000		110	70-125	1	20	
o-Xylene	2790	100	ug/kg	2500		112	70-125	1	20	
Surrogate: 4-Bromofluorobenzene	*2310*		*ug/kg*	*2500*		*92*	*65-140*			
Surrogate: Dibromofluoromethane	*2400*		*ug/kg*	*2500*		*96*	*55-140*			
Surrogate: Toluene-d8	*2340*		*ug/kg*	*2500*		*93*	*60-140*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13062 Extracted: 11/13/08										
Blank Analyzed: 11/13/2008 (8K13062-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13062 Extracted: 11/13/08										
Blank Analyzed: 11/13/2008 (8K13062-BLK1)										
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*5830*		*ug/kg*	*6670*		*87*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2560*		*ug/kg*	*3330*		*77*	*35-120*			
Surrogate: 2-Fluorophenol	*4340*		*ug/kg*	*6670*		*65*	*25-120*			
Surrogate: Nitrobenzene-d5	*2370*		*ug/kg*	*3330*		*71*	*30-120*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13062 Extracted: 11/13/08										
Blank Analyzed: 11/13/2008 (8K13062-BLK1)										
Surrogate: Phenol-d6	*4430*		*ug/kg*	*6670*		*66*	*35-120*			
Surrogate: Terphenyl-d14	*3150*		*ug/kg*	*3330*		*94*	*40-135*			
LCS Analyzed: 11/13/2008 (8K13062-BS1)										
Acenaphthene	2490	330	ug/kg	3330		75	50-120			
Acenaphthylene	2420	330	ug/kg	3330		73	50-120			
Aniline	2040	420	ug/kg	3330		61	25-120			
Anthracene	2850	330	ug/kg	3330		85	55-120			
Benzidine	1780	660	ug/kg	3330		53	20-120			
Benzo(a)anthracene	3010	330	ug/kg	3330		90	55-120			
Benzo(a)pyrene	3170	330	ug/kg	3330		95	50-125			
Benzo(b)fluoranthene	2820	330	ug/kg	3330		85	45-125			
Benzo(g,h,i)perylene	3550	330	ug/kg	3330		106	35-130			
Benzo(k)fluoranthene	2930	330	ug/kg	3330		88	45-125			
Benzoic acid	2250	830	ug/kg	3330		68	20-120			
Benzyl alcohol	2260	330	ug/kg	3330		68	35-120			
4-Bromophenyl phenyl ether	2910	330	ug/kg	3330		87	45-120			
Butyl benzyl phthalate	2690	330	ug/kg	3330		81	50-125			
4-Chloro-3-methylphenol	2690	330	ug/kg	3330		81	50-125			
4-Chloroaniline	1960	330	ug/kg	3330		59	20-120			
Bis(2-chloroethoxy)methane	2330	330	ug/kg	3330		70	45-120			
Bis(2-chloroethyl)ether	2190	170	ug/kg	3330		66	35-120			
Bis(2-chloroisopropyl)ether	2130	330	ug/kg	3330		64	40-120			
2-Chloronaphthalene	2420	330	ug/kg	3330		73	45-120			
2-Chlorophenol	2200	330	ug/kg	3330		66	40-120			
4-Chlorophenyl phenyl ether	2730	330	ug/kg	3330		82	55-120			
Chrysene	2830	330	ug/kg	3330		85	55-120			
Dibenz(a,h)anthracene	3650	420	ug/kg	3330		110	40-135			
Dibenzofuran	2670	330	ug/kg	3330		80	55-120			
Di-n-butyl phthalate	3120	330	ug/kg	3330		94	50-125			
1,2-Dichlorobenzene	2260	330	ug/kg	3330		68	40-120			
1,3-Dichlorobenzene	2100	330	ug/kg	3330		63	35-120			
1,4-Dichlorobenzene	2090	330	ug/kg	3330		63	35-120			
3,3'-Dichlorobenzidine	2920	830	ug/kg	3330		88	20-130			
2,4-Dichlorophenol	2550	330	ug/kg	3330		77	45-120			
Diethyl phthalate	2790	330	ug/kg	3330		84	50-125			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13062 Extracted: 11/13/08										
LCS Analyzed: 11/13/2008 (8K13062-BS1)										
2,4-Dimethylphenol	2320	330	ug/kg	3330		69	40-120			
Dimethyl phthalate	2660	330	ug/kg	3330		80	50-125			
4,6-Dinitro-2-methylphenol	3070	420	ug/kg	3330		92	40-120			
2,4-Dinitrophenol	2830	660	ug/kg	3330		85	25-120			
2,4-Dinitrotoluene	2800	330	ug/kg	3330		84	55-125			
2,6-Dinitrotoluene	2720	330	ug/kg	3330		82	55-125			
Di-n-octyl phthalate	2960	330	ug/kg	3330		89	50-135			
1,2-Diphenylhydrazine/Azobenzene	2660	330	ug/kg	3330		80	50-125			
Bis(2-ethylhexyl)phthalate	2790	330	ug/kg	3330		84	50-130			
Fluoranthene	3130	330	ug/kg	3330		94	55-120			
Fluorene	2680	330	ug/kg	3330		80	55-120			
Hexachlorobenzene	2880	330	ug/kg	3330		86	50-120			
Hexachlorobutadiene	2750	330	ug/kg	3330		82	40-120			
Hexachlorocyclopentadiene	3370	830	ug/kg	3330		101	30-125			
Hexachloroethane	2350	330	ug/kg	3330		71	40-120			
Indeno(1,2,3-cd)pyrene	3590	330	ug/kg	3330		108	30-135			
Isophorone	2190	330	ug/kg	3330		66	40-120			
2-Methylnaphthalene	2620	330	ug/kg	3330		79	45-120			
2-Methylphenol	2340	330	ug/kg	3330		70	40-120			
4-Methylphenol	2380	330	ug/kg	3330		72	45-120			
Naphthalene	2430	330	ug/kg	3330		73	45-120			
2-Nitroaniline	2570	330	ug/kg	3330		77	50-125			
3-Nitroaniline	2540	330	ug/kg	3330		76	35-120			
4-Nitroaniline	2420	830	ug/kg	3330		73	45-125			
Nitrobenzene	2260	330	ug/kg	3330		68	45-120			
2-Nitrophenol	2470	330	ug/kg	3330		74	45-120			
4-Nitrophenol	2700	830	ug/kg	3330		81	40-125			
N-Nitroso-di-n-propylamine	2190	250	ug/kg	3330		66	40-120			
N-Nitrosodiphenylamine	2660	330	ug/kg	3330		80	50-120			
Pentachlorophenol	2780	830	ug/kg	3330		84	40-120			
Phenanthrene	2660	330	ug/kg	3330		80	50-120			
Phenol	2220	330	ug/kg	3330		67	40-120			
Pyrene	2340	330	ug/kg	3330		70	45-125			
1,2,4-Trichlorobenzene	2450	330	ug/kg	3330		73	40-120			
2,4,5-Trichlorophenol	2880	330	ug/kg	3330		86	50-120			
2,4,6-Trichlorophenol	2890	330	ug/kg	3330		87	50-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13062 Extracted: 11/13/08										
LCS Analyzed: 11/13/2008 (8K13062-BS1)										
Surrogate: 2,4,6-Tribromophenol	*5410*		*ug/kg*	*6670*		*81*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2500*		*ug/kg*	*3330*		*75*	*35-120*			
Surrogate: 2-Fluorophenol	*4310*		*ug/kg*	*6670*		*65*	*25-120*			
Surrogate: Nitrobenzene-d5	*2330*		*ug/kg*	*3330*		*70*	*30-120*			
Surrogate: Phenol-d6	*4480*		*ug/kg*	*6670*		*67*	*35-120*			
Surrogate: Terphenyl-d14	*2940*		*ug/kg*	*3330*		*88*	*40-135*			
Matrix Spike Analyzed: 11/14/2008 (8K13062-MS1)					**Source: IRK1078-10**					
Acenaphthene	2720	330	ug/kg	3330	ND	81	45-120			
Acenaphthylene	2640	330	ug/kg	3330	ND	79	45-120			
Aniline	2550	420	ug/kg	3330	ND	76	25-120			
Anthracene	3300	330	ug/kg	3330	ND	99	55-120			
Benzidine	763	660	ug/kg	3330	ND	23	20-120			
Benzo(a)anthracene	2910	330	ug/kg	3330	ND	87	50-120			
Benzo(a)pyrene	3270	330	ug/kg	3330	ND	98	45-125			
Benzo(b)fluoranthene	3080	330	ug/kg	3330	ND	92	45-125			
Benzo(g,h,i)perylene	3370	330	ug/kg	3330	ND	101	25-130			
Benzo(k)fluoranthene	3440	330	ug/kg	3330	ND	103	45-125			
Benzoic acid	2140	830	ug/kg	3330	ND	64	20-120			
Benzyl alcohol	2640	330	ug/kg	3330	ND	79	20-120			
4-Bromophenyl phenyl ether	3030	330	ug/kg	3330	ND	91	45-120			
Butyl benzyl phthalate	3660	330	ug/kg	3330	ND	110	45-125			
4-Chloro-3-methylphenol	3300	330	ug/kg	3330	ND	99	50-125			
4-Chloroaniline	2420	330	ug/kg	3330	ND	73	20-120			
Bis(2-chloroethoxy)methane	2830	330	ug/kg	3330	ND	85	45-120			
Bis(2-chloroethyl)ether	2660	170	ug/kg	3330	ND	80	35-110			
Bis(2-chloroisopropyl)ether	2810	330	ug/kg	3330	ND	84	40-120			
2-Chloronaphthalene	2720	330	ug/kg	3330	ND	82	45-120			
2-Chlorophenol	2790	330	ug/kg	3330	ND	84	40-120			
4-Chlorophenyl phenyl ether	2780	330	ug/kg	3330	ND	83	50-120			
Chrysene	2970	330	ug/kg	3330	ND	89	55-120			
Dibenz(a,h)anthracene	2800	420	ug/kg	3330	ND	84	25-135			
Dibenzofuran	2880	330	ug/kg	3330	ND	87	50-120			
Di-n-butyl phthalate	3590	330	ug/kg	3330	ND	108	50-125			
1,2-Dichlorobenzene	2360	330	ug/kg	3330	ND	71	40-120			
1,3-Dichlorobenzene	2190	330	ug/kg	3330	ND	66	35-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13062 Extracted: 11/13/08										
Matrix Spike Analyzed: 11/14/2008 (8K13062-MS1)					**Source: IRK1078-10**					
1,4-Dichlorobenzene	2180	330	ug/kg	3330	ND	65	35-120			
3,3'-Dichlorobenzidine	2630	830	ug/kg	3330	ND	79	20-130			
2,4-Dichlorophenol	3080	330	ug/kg	3330	ND	92	45-120			
Diethyl phthalate	2820	330	ug/kg	3330	ND	85	50-125			
2,4-Dimethylphenol	2730	330	ug/kg	3330	ND	82	30-120			
Dimethyl phthalate	2900	330	ug/kg	3330	ND	87	45-125			
4,6-Dinitro-2-methylphenol	2500	420	ug/kg	3330	ND	75	35-120			
2,4-Dinitrophenol	1470	660	ug/kg	3330	ND	44	20-120			
2,4-Dinitrotoluene	2700	330	ug/kg	3330	ND	81	50-125			
2,6-Dinitrotoluene	2750	330	ug/kg	3330	ND	82	50-125			
Di-n-octyl phthalate	3810	330	ug/kg	3330	ND	114	50-135			
1,2-Diphenylhydrazine/Azobenzene	3010	330	ug/kg	3330	ND	90	50-125			
Bis(2-ethylhexyl)phthalate	3510	330	ug/kg	3330	ND	105	45-130			
Fluoranthene	3130	330	ug/kg	3330	ND	94	45-120			
Fluorene	2800	330	ug/kg	3330	ND	84	50-120			
Hexachlorobenzene	2700	330	ug/kg	3330	ND	81	50-120			
Hexachlorobutadiene	2440	330	ug/kg	3330	ND	73	40-120			
Hexachlorocyclopentadiene	1610	830	ug/kg	3330	ND	48	20-125			
Hexachloroethane	2150	330	ug/kg	3330	ND	64	35-120			
Indeno(1,2,3-cd)pyrene	2880	330	ug/kg	3330	ND	86	20-130			
Isophorone	2630	330	ug/kg	3330	ND	79	40-120			
2-Methylnaphthalene	2870	330	ug/kg	3330	ND	86	40-120			
2-Methylphenol	2990	330	ug/kg	3330	ND	90	40-120			
4-Methylphenol	3060	330	ug/kg	3330	ND	92	45-120			
Naphthalene	2500	330	ug/kg	3330	ND	75	40-120			
2-Nitroaniline	3520	330	ug/kg	3330	ND	106	45-120			
3-Nitroaniline	2600	330	ug/kg	3330	ND	78	30-120			
4-Nitroaniline	2860	830	ug/kg	3330	ND	86	40-125			
Nitrobenzene	2650	330	ug/kg	3330	ND	79	40-120			
2-Nitrophenol	2660	330	ug/kg	3330	ND	80	40-120			
4-Nitrophenol	2630	830	ug/kg	3330	ND	79	35-125			
N-Nitroso-di-n-propylamine	2820	250	ug/kg	3330	ND	85	35-120			
N-Nitrosodiphenylamine	3000	330	ug/kg	3330	ND	90	45-125			
Pentachlorophenol	2610	830	ug/kg	3330	ND	78	30-120			
Phenanthrene	3220	330	ug/kg	3330	ND	97	50-120			
Phenol	2770	330	ug/kg	3330	ND	83	40-120			

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13062 Extracted: 11/13/08										
Matrix Spike Analyzed: 11/14/2008 (8K13062-MS1)					**Source: IRK1078-10**					
Pyrene	2770	330	ug/kg	3330	ND	83	40-125			
1,2,4-Trichlorobenzene	2500	330	ug/kg	3330	ND	75	40-120			
2,4,5-Trichlorophenol	3090	330	ug/kg	3330	ND	93	45-120			
2,4,6-Trichlorophenol	2920	330	ug/kg	3330	ND	88	45-120			
Surrogate: 2,4,6-Tribromophenol	*5350*		*ug/kg*	*6670*		*80*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2740*		*ug/kg*	*3330*		*82*	*35-120*			
Surrogate: 2-Fluorophenol	*5400*		*ug/kg*	*6670*		*81*	*25-120*			
Surrogate: Nitrobenzene-d5	*2650*		*ug/kg*	*3330*		*80*	*30-120*			
Surrogate: Phenol-d6	*5960*		*ug/kg*	*6670*		*89*	*35-120*			
Surrogate: Terphenyl-d14	*3170*		*ug/kg*	*3330*		*95*	*40-135*			
Matrix Spike Dup Analyzed: 11/14/2008 (8K13062-MSD1)					**Source: IRK1078-10**					
Acenaphthene	2580	330	ug/kg	3330	ND	77	45-120	5	25	
Acenaphthylene	2580	330	ug/kg	3330	ND	77	45-120	3	20	
Aniline	2410	420	ug/kg	3330	ND	72	25-120	5	30	
Anthracene	3120	330	ug/kg	3330	ND	94	55-120	6	25	
Benzidine	764	660	ug/kg	3330	ND	23	20-120	0	30	
Benzo(a)anthracene	2910	330	ug/kg	3330	ND	87	50-120	0	25	
Benzo(a)pyrene	3360	330	ug/kg	3330	ND	101	45-125	3	25	
Benzo(b)fluoranthene	3090	330	ug/kg	3330	ND	93	45-125	0	30	
Benzo(g,h,i)perylene	3370	330	ug/kg	3330	ND	101	25-130	0	30	
Benzo(k)fluoranthene	3490	330	ug/kg	3330	ND	105	45-125	2	30	
Benzoic acid	1930	830	ug/kg	3330	ND	58	20-120	10	30	
Benzyl alcohol	2670	330	ug/kg	3330	ND	80	20-120	1	30	
4-Bromophenyl phenyl ether	2800	330	ug/kg	3330	ND	84	45-120	8	20	
Butyl benzyl phthalate	3780	330	ug/kg	3330	ND	113	45-125	3	25	
4-Chloro-3-methylphenol	3050	330	ug/kg	3330	ND	91	50-125	8	25	
4-Chloroaniline	2060	330	ug/kg	3330	ND	62	20-120	16	30	
Bis(2-chloroethoxy)methane	2570	330	ug/kg	3330	ND	77	45-120	10	25	
Bis(2-chloroethyl)ether	2580	170	ug/kg	3330	ND	77	35-110	3	25	
Bis(2-chloroisopropyl)ether	2700	330	ug/kg	3330	ND	81	40-120	4	25	
2-Chloronaphthalene	2600	330	ug/kg	3330	ND	78	45-120	5	20	
2-Chlorophenol	2650	330	ug/kg	3330	ND	79	40-120	5	20	
4-Chlorophenyl phenyl ether	2610	330	ug/kg	3330	ND	78	50-120	6	25	
Chrysene	2990	330	ug/kg	3330	ND	90	55-120	1	25	
Dibenz(a,h)anthracene	2850	420	ug/kg	3330	ND	86	25-135	2	30	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13062 Extracted: 11/13/08										
Matrix Spike Dup Analyzed: 11/14/2008 (8K13062-MSD1)					**Source: IRK1078-10**					
Dibenzofuran	2810	330	ug/kg	3330	ND	84	50-120	3	25	
Di-n-butyl phthalate	3490	330	ug/kg	3330	ND	105	50-125	3	25	
1,2-Dichlorobenzene	2340	330	ug/kg	3330	ND	70	40-120	1	25	
1,3-Dichlorobenzene	2200	330	ug/kg	3330	ND	66	35-120	0	25	
1,4-Dichlorobenzene	2140	330	ug/kg	3330	ND	64	35-120	2	25	
3,3'-Dichlorobenzidine	2640	830	ug/kg	3330	ND	79	20-130	1	25	
2,4-Dichlorophenol	2810	330	ug/kg	3330	ND	84	45-120	9	25	
Diethyl phthalate	2730	330	ug/kg	3330	ND	82	50-125	3	25	
2,4-Dimethylphenol	2550	330	ug/kg	3330	ND	77	30-120	7	25	
Dimethyl phthalate	2840	330	ug/kg	3330	ND	85	45-125	2	25	
4,6-Dinitro-2-methylphenol	2370	420	ug/kg	3330	ND	71	35-120	5	25	
2,4-Dinitrophenol	1390	660	ug/kg	3330	ND	42	20-120	5	25	
2,4-Dinitrotoluene	2620	330	ug/kg	3330	ND	79	50-125	3	25	
2,6-Dinitrotoluene	2730	330	ug/kg	3330	ND	82	50-125	1	20	
Di-n-octyl phthalate	3800	330	ug/kg	3330	ND	114	50-135	0	25	
1,2-Diphenylhydrazine/Azobenzene	2900	330	ug/kg	3330	ND	87	50-125	4	25	
Bis(2-ethylhexyl)phthalate	3560	330	ug/kg	3330	ND	107	45-130	1	25	
Fluoranthene	3080	330	ug/kg	3330	ND	92	45-120	2	25	
Fluorene	2680	330	ug/kg	3330	ND	80	50-120	4	25	
Hexachlorobenzene	2500	330	ug/kg	3330	ND	75	50-120	7	25	
Hexachlorobutadiene	2270	330	ug/kg	3330	ND	68	40-120	7	25	
Hexachlorocyclopentadiene	1670	830	ug/kg	3330	ND	50	20-125	4	30	
Hexachloroethane	2180	330	ug/kg	3330	ND	65	35-120	2	30	
Indeno(1,2,3-cd)pyrene	2920	330	ug/kg	3330	ND	88	20-130	1	30	
Isophorone	2460	330	ug/kg	3330	ND	74	40-120	6	25	
2-Methylnaphthalene	2690	330	ug/kg	3330	ND	81	40-120	7	20	
2-Methylphenol	2830	330	ug/kg	3330	ND	85	40-120	5	25	
4-Methylphenol	2810	330	ug/kg	3330	ND	84	45-120	8	25	
Naphthalene	2350	330	ug/kg	3330	ND	71	40-120	6	25	
2-Nitroaniline	3290	330	ug/kg	3330	ND	99	45-120	7	25	
3-Nitroaniline	2370	330	ug/kg	3330	ND	71	30-120	9	25	
4-Nitroaniline	2870	830	ug/kg	3330	ND	86	40-125	1	30	
Nitrobenzene	2600	330	ug/kg	3330	ND	78	40-120	2	25	
2-Nitrophenol	2520	330	ug/kg	3330	ND	76	40-120	6	25	
4-Nitrophenol	2630	830	ug/kg	3330	ND	79	35-125	0	30	
N-Nitroso-di-n-propylamine	2680	250	ug/kg	3330	ND	81	35-120	5	25	

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13062 Extracted: 11/13/08										
Matrix Spike Dup Analyzed: 11/14/2008 (8K13062-MSD1)					**Source: IRK1078-10**					
N-Nitrosodiphenylamine	2830	330	ug/kg	3330	ND	85	45-125	6	25	
Pentachlorophenol	2390	830	ug/kg	3330	ND	72	30-120	9	25	
Phenanthrene	3080	330	ug/kg	3330	ND	93	50-120	4	25	
Phenol	2630	330	ug/kg	3330	ND	79	40-120	5	25	
Pyrene	2720	330	ug/kg	3330	ND	82	40-125	2	30	
1,2,4-Trichlorobenzene	2350	330	ug/kg	3330	ND	70	40-120	6	25	
2,4,5-Trichlorophenol	2930	330	ug/kg	3330	ND	88	45-120	5	20	
2,4,6-Trichlorophenol	2740	330	ug/kg	3330	ND	82	45-120	6	25	
Surrogate: 2,4,6-Tribromophenol	*5260*		*ug/kg*	*6670*		*79*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2560*		*ug/kg*	*3330*		*77*	*35-120*			
Surrogate: 2-Fluorophenol	*5400*		*ug/kg*	*6670*		*81*	*25-120*			
Surrogate: Nitrobenzene-d5	*2490*		*ug/kg*	*3330*		*75*	*30-120*			
Surrogate: Phenol-d6	*5600*		*ug/kg*	*6670*		*84*	*35-120*			
Surrogate: Terphenyl-d14	*3200*		*ug/kg*	*3330*		*96*	*40-135*			
Batch: 8K14037 Extracted: 11/14/08										
Blank Analyzed: 11/14/2008 (8K14037-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14037 Extracted: 11/14/08										
Blank Analyzed: 11/14/2008 (8K14037-BLK1)										
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14037 Extracted: 11/14/08										
Blank Analyzed: 11/14/2008 (8K14037-BLK1)										
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*7340*		*ug/kg*	*6670*		*110*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2640*		*ug/kg*	*3330*		*79*	*35-120*			
Surrogate: 2-Fluorophenol	*5820*		*ug/kg*	*6670*		*87*	*25-120*			
Surrogate: Nitrobenzene-d5	*2670*		*ug/kg*	*3330*		*80*	*30-120*			
Surrogate: Phenol-d6	*5760*		*ug/kg*	*6670*		*86*	*35-120*			
Surrogate: Terphenyl-d14	*3510*		*ug/kg*	*3330*		*105*	*40-135*			
LCS Analyzed: 11/14/2008 (8K14037-BS1)										
Acenaphthene	2880	330	ug/kg	3330		86	50-120			
Acenaphthylene	2830	330	ug/kg	3330		85	50-120			
Aniline	2800	420	ug/kg	3330		84	25-120			
Anthracene	3340	330	ug/kg	3330		100	55-120			
Benzidine	2720	660	ug/kg	3330		82	20-120			
Benzo(a)anthracene	3000	330	ug/kg	3330		90	55-120			
Benzo(a)pyrene	3370	330	ug/kg	3330		101	50-125			
Benzo(b)fluoranthene	3060	330	ug/kg	3330		92	45-125			
Benzo(g,h,i)perylene	3850	330	ug/kg	3330		116	35-130			
Benzo(k)fluoranthene	3310	330	ug/kg	3330		99	45-125			
Benzoic acid	2840	830	ug/kg	3330		85	20-120			
Benzyl alcohol	3140	330	ug/kg	3330		94	35-120			
4-Bromophenyl phenyl ether	3090	330	ug/kg	3330		93	45-120			
Butyl benzyl phthalate	3930	330	ug/kg	3330		118	50-125			

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Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14037 Extracted: 11/14/08										
LCS Analyzed: 11/14/2008 (8K14037-BS1)										
4-Chloro-3-methylphenol	3380	330	ug/kg	3330		101	50-125			
4-Chloroaniline	2440	330	ug/kg	3330		73	20-120			
Bis(2-chloroethoxy)methane	2900	330	ug/kg	3330		87	45-120			
Bis(2-chloroethyl)ether	2810	170	ug/kg	3330		84	35-120			
Bis(2-chloroisopropyl)ether	2930	330	ug/kg	3330		88	40-120			
2-Chloronaphthalene	2890	330	ug/kg	3330		87	45-120			
2-Chlorophenol	2930	330	ug/kg	3330		88	40-120			
4-Chlorophenyl phenyl ether	2920	330	ug/kg	3330		88	55-120			
Chrysene	3040	330	ug/kg	3330		91	55-120			
Dibenz(a,h)anthracene	3450	420	ug/kg	3330		103	40-135			
Dibenzofuran	3090	330	ug/kg	3330		93	55-120			
Di-n-butyl phthalate	3670	330	ug/kg	3330		110	50-125			
1,2-Dichlorobenzene	2450	330	ug/kg	3330		73	40-120			
1,3-Dichlorobenzene	2270	330	ug/kg	3330		68	35-120			
1,4-Dichlorobenzene	2360	330	ug/kg	3330		71	35-120			
3,3'-Dichlorobenzidine	2460	830	ug/kg	3330		74	20-130			
2,4-Dichlorophenol	3290	330	ug/kg	3330		99	45-120			
Diethyl phthalate	3090	330	ug/kg	3330		93	50-125			
2,4-Dimethylphenol	3150	330	ug/kg	3330		94	40-120			
Dimethyl phthalate	2910	330	ug/kg	3330		87	50-125			
4,6-Dinitro-2-methylphenol	3380	420	ug/kg	3330		101	40-120			
2,4-Dinitrophenol	2780	660	ug/kg	3330		83	25-120			
2,4-Dinitrotoluene	3150	330	ug/kg	3330		95	55-125			
2,6-Dinitrotoluene	2890	330	ug/kg	3330		87	55-125			
Di-n-octyl phthalate	3700	330	ug/kg	3330		111	50-135			
1,2-Diphenylhydrazine/Azobenzene	2860	330	ug/kg	3330		86	50-125			
Bis(2-ethylhexyl)phthalate	3620	330	ug/kg	3330		108	50-130			
Fluoranthene	3230	330	ug/kg	3330		97	55-120			
Fluorene	2920	330	ug/kg	3330		88	55-120			
Hexachlorobenzene	2970	330	ug/kg	3330		89	50-120			
Hexachlorobutadiene	2620	330	ug/kg	3330		79	40-120			
Hexachlorocyclopentadiene	2790	830	ug/kg	3330		84	30-125			
Hexachloroethane	2280	330	ug/kg	3330		68	40-120			
Indeno(1,2,3-cd)pyrene	3420	330	ug/kg	3330		103	30-135			
Isophorone	2780	330	ug/kg	3330		83	40-120			
2-Methylnaphthalene	2950	330	ug/kg	3330		89	45-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

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Received: 11/11/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14037 Extracted: 11/14/08										
LCS Analyzed: 11/14/2008 (8K14037-BS1)										
2-Methylphenol	3170	330	ug/kg	3330		95	40-120			
4-Methylphenol	3100	330	ug/kg	3330		93	45-120			
Naphthalene	2620	330	ug/kg	3330		79	45-120			
2-Nitroaniline	3620	330	ug/kg	3330		109	50-125			
3-Nitroaniline	2580	330	ug/kg	3330		77	35-120			
4-Nitroaniline	3140	830	ug/kg	3330		94	45-125			
Nitrobenzene	2870	330	ug/kg	3330		86	45-120			
2-Nitrophenol	2900	330	ug/kg	3330		87	45-120			
4-Nitrophenol	3230	830	ug/kg	3330		97	40-125			
N-Nitroso-di-n-propylamine	3040	250	ug/kg	3330		91	40-120			
N-Nitrosodiphenylamine	3310	330	ug/kg	3330		99	50-120			
Pentachlorophenol	3200	830	ug/kg	3330		96	40-120			
Phenanthrene	3290	330	ug/kg	3330		99	50-120			
Phenol	2950	330	ug/kg	3330		88	40-120			
Pyrene	3070	330	ug/kg	3330		92	45-125			
1,2,4-Trichlorobenzene	2570	330	ug/kg	3330		77	40-120			
2,4,5-Trichlorophenol	3220	330	ug/kg	3330		97	50-120			
2,4,6-Trichlorophenol	3080	330	ug/kg	3330		92	50-120			
Surrogate: 2,4,6-Tribromophenol	*6150*		*ug/kg*	*6670*		*92*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2860*		*ug/kg*	*3330*		*86*	*35-120*			
Surrogate: 2-Fluorophenol	*5910*		*ug/kg*	*6670*		*89*	*25-120*			
Surrogate: Nitrobenzene-d5	*2770*		*ug/kg*	*3330*		*83*	*30-120*			
Surrogate: Phenol-d6	*6080*		*ug/kg*	*6670*		*91*	*35-120*			
Surrogate: Terphenyl-d14	*3390*		*ug/kg*	*3330*		*102*	*40-135*			
Matrix Spike Analyzed: 11/14/2008 (8K14037-MS1)					**Source: IRK1188-26**					
Acenaphthene	2710	330	ug/kg	3330	ND	81	45-120			
Acenaphthylene	2640	330	ug/kg	3330	ND	79	45-120			
Aniline	1620	420	ug/kg	3330	ND	49	25-120			
Anthracene	3130	330	ug/kg	3330	ND	94	55-120			
Benzidine	ND	660	ug/kg	3330	ND		20-120			*M2*
Benzo(a)anthracene	3110	330	ug/kg	3330	ND	93	50-120			
Benzo(a)pyrene	3230	330	ug/kg	3330	ND	97	45-125			
Benzo(b)fluoranthene	3110	330	ug/kg	3330	ND	93	45-125			
Benzo(g,h,i)perylene	2740	330	ug/kg	3330	ND	82	25-130			
Benzo(k)fluoranthene	3060	330	ug/kg	3330	ND	92	45-125			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14037 Extracted: 11/14/08										
Matrix Spike Analyzed: 11/14/2008 (8K14037-MS1)					**Source: IRK1188-26**					
Benzoic acid	2480	830	ug/kg	3330	513	59	20-120			
Benzyl alcohol	2660	330	ug/kg	3330	ND	80	20-120			
4-Bromophenyl phenyl ether	3180	330	ug/kg	3330	ND	96	45-120			
Butyl benzyl phthalate	2640	330	ug/kg	3330	ND	79	45-125			
4-Chloro-3-methylphenol	2910	330	ug/kg	3330	ND	87	50-125			
4-Chloroaniline	1700	330	ug/kg	3330	ND	51	20-120			
Bis(2-chloroethoxy)methane	2500	330	ug/kg	3330	ND	75	45-120			
Bis(2-chloroethyl)ether	2280	170	ug/kg	3330	ND	68	35-110			
Bis(2-chloroisopropyl)ether	2160	330	ug/kg	3330	ND	65	40-120			
2-Chloronaphthalene	2710	330	ug/kg	3330	ND	81	45-120			
2-Chlorophenol	2390	330	ug/kg	3330	ND	72	40-120			
4-Chlorophenyl phenyl ether	2990	330	ug/kg	3330	ND	90	50-120			
Chrysene	2920	330	ug/kg	3330	ND	88	55-120			
Dibenz(a,h)anthracene	2910	420	ug/kg	3330	ND	87	25-135			
Dibenzofuran	2990	330	ug/kg	3330	ND	90	50-120			
Di-n-butyl phthalate	3220	330	ug/kg	3330	ND	97	50-125			
1,2-Dichlorobenzene	2370	330	ug/kg	3330	ND	71	40-120			
1,3-Dichlorobenzene	2190	330	ug/kg	3330	ND	66	35-120			
1,4-Dichlorobenzene	2250	330	ug/kg	3330	ND	67	35-120			
3,3'-Dichlorobenzidine	2660	830	ug/kg	3330	ND	80	20-130			
2,4-Dichlorophenol	2910	330	ug/kg	3330	ND	87	45-120			
Diethyl phthalate	2920	330	ug/kg	3330	ND	88	50-125			
2,4-Dimethylphenol	2180	330	ug/kg	3330	ND	65	30-120			
Dimethyl phthalate	2890	330	ug/kg	3330	ND	87	45-125			
4,6-Dinitro-2-methylphenol	3320	420	ug/kg	3330	ND	100	35-120			
2,4-Dinitrophenol	2870	660	ug/kg	3330	ND	86	20-120			
2,4-Dinitrotoluene	3050	330	ug/kg	3330	ND	91	50-125			
2,6-Dinitrotoluene	2920	330	ug/kg	3330	ND	88	50-125			
Di-n-octyl phthalate	3000	330	ug/kg	3330	ND	90	50-135			
1,2-Diphenylhydrazine/Azobenzene	2820	330	ug/kg	3330	ND	85	50-125			
Bis(2-ethylhexyl)phthalate	2750	330	ug/kg	3330	ND	83	45-130			
Fluoranthene	3390	330	ug/kg	3330	ND	102	45-120			
Fluorene	2920	330	ug/kg	3330	ND	88	50-120			
Hexachlorobenzene	3150	330	ug/kg	3330	ND	94	50-120			
Hexachlorobutadiene	2840	330	ug/kg	3330	ND	85	40-120			
Hexachlorocyclopentadiene	3040	830	ug/kg	3330	ND	91	20-125			

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Report Number: IRK1164

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14037 Extracted: 11/14/08										
Matrix Spike Analyzed: 11/14/2008 (8K14037-MS1)					**Source: IRK1188-26**					
Hexachloroethane	2320	330	ug/kg	3330	ND	70	35-120			
Indeno(1,2,3-cd)pyrene	2970	330	ug/kg	3330	ND	89	20-130			
Isophorone	2340	330	ug/kg	3330	ND	70	40-120			
2-Methylnaphthalene	2840	330	ug/kg	3330	ND	85	40-120			
2-Methylphenol	2200	330	ug/kg	3330	ND	66	40-120			
4-Methylphenol	2550	330	ug/kg	3330	ND	77	45-120			
Naphthalene	2550	330	ug/kg	3330	ND	76	40-120			
2-Nitroaniline	2790	330	ug/kg	3330	ND	84	45-120			
3-Nitroaniline	2760	330	ug/kg	3330	ND	83	30-120			
4-Nitroaniline	2580	830	ug/kg	3330	ND	77	40-125			
Nitrobenzene	2420	330	ug/kg	3330	ND	73	40-120			
2-Nitrophenol	2760	330	ug/kg	3330	ND	83	40-120			
4-Nitrophenol	3280	830	ug/kg	3330	ND	98	35-125			
N-Nitroso-di-n-propylamine	2360	250	ug/kg	3330	ND	71	35-120			
N-Nitrosodiphenylamine	3040	330	ug/kg	3330	ND	91	45-125			
Pentachlorophenol	3080	830	ug/kg	3330	ND	92	30-120			
Phenanthrene	2980	330	ug/kg	3330	ND	89	50-120			
Phenol	2300	330	ug/kg	3330	ND	69	40-120			
Pyrene	2400	330	ug/kg	3330	ND	72	40-125			
1,2,4-Trichlorobenzene	2560	330	ug/kg	3330	ND	77	40-120			
2,4,5-Trichlorophenol	3180	330	ug/kg	3330	ND	95	45-120			
2,4,6-Trichlorophenol	3060	330	ug/kg	3330	ND	92	45-120			
Surrogate: 2,4,6-Tribromophenol	*5640*		*ug/kg*	*6670*		*85*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2740*		*ug/kg*	*3330*		*82*	*35-120*			
Surrogate: 2-Fluorophenol	*4290*		*ug/kg*	*6670*		*64*	*25-120*			
Surrogate: Nitrobenzene-d5	*2400*		*ug/kg*	*3330*		*72*	*30-120*			
Surrogate: Phenol-d6	*4770*		*ug/kg*	*6670*		*72*	*35-120*			
Surrogate: Terphenyl-d14	*2930*		*ug/kg*	*3330*		*88*	*40-135*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14037 Extracted: 11/14/08										
Matrix Spike Dup Analyzed: 11/14/2008 (8K14037-MSD1)					**Source: IRK1188-26**					
Acenaphthene	2470	330	ug/kg	3330	ND	74	45-120	9	25	
Acenaphthylene	2400	330	ug/kg	3330	ND	72	45-120	10	20	
Aniline	1500	420	ug/kg	3330	ND	45	25-120	8	30	
Anthracene	2820	330	ug/kg	3330	ND	85	55-120	11	25	
Benzidine	ND	660	ug/kg	3330	ND		20-120		30	*M2*
Benzo(a)anthracene	2800	330	ug/kg	3330	ND	84	50-120	10	25	
Benzo(a)pyrene	2990	330	ug/kg	3330	ND	90	45-125	8	25	
Benzo(b)fluoranthene	2700	330	ug/kg	3330	ND	81	45-125	14	30	
Benzo(g,h,i)perylene	2610	330	ug/kg	3330	ND	78	25-130	5	30	
Benzo(k)fluoranthene	2880	330	ug/kg	3330	ND	86	45-125	6	30	
Benzoic acid	2130	830	ug/kg	3330	513	49	20-120	15	30	
Benzyl alcohol	2310	330	ug/kg	3330	ND	69	20-120	14	30	
4-Bromophenyl phenyl ether	3010	330	ug/kg	3330	ND	90	45-120	6	20	
Butyl benzyl phthalate	2490	330	ug/kg	3330	ND	75	45-125	6	25	
4-Chloro-3-methylphenol	2480	330	ug/kg	3330	ND	74	50-125	16	25	
4-Chloroaniline	1780	330	ug/kg	3330	ND	53	20-120	4	30	
Bis(2-chloroethoxy)methane	2330	330	ug/kg	3330	ND	70	45-120	7	25	
Bis(2-chloroethyl)ether	2140	170	ug/kg	3330	ND	64	35-110	6	25	
Bis(2-chloroisopropyl)ether	2030	330	ug/kg	3330	ND	61	40-120	6	25	
2-Chloronaphthalene	2440	330	ug/kg	3330	ND	73	45-120	10	20	
2-Chlorophenol	2170	330	ug/kg	3330	ND	65	40-120	9	20	
4-Chlorophenyl phenyl ether	2640	330	ug/kg	3330	ND	79	50-120	12	25	
Chrysene	2670	330	ug/kg	3330	ND	80	55-120	9	25	
Dibenz(a,h)anthracene	2810	420	ug/kg	3330	ND	84	25-135	4	30	
Dibenzofuran	2630	330	ug/kg	3330	ND	79	50-120	13	25	
Di-n-butyl phthalate	2920	330	ug/kg	3330	ND	87	50-125	10	25	
1,2-Dichlorobenzene	2190	330	ug/kg	3330	ND	66	40-120	7	25	
1,3-Dichlorobenzene	2070	330	ug/kg	3330	ND	62	35-120	6	25	
1,4-Dichlorobenzene	2100	330	ug/kg	3330	ND	63	35-120	7	25	
3,3'-Dichlorobenzidine	2580	830	ug/kg	3330	ND	78	20-130	3	25	
2,4-Dichlorophenol	2590	330	ug/kg	3330	ND	78	45-120	12	25	
Diethyl phthalate	2590	330	ug/kg	3330	ND	78	50-125	12	25	
2,4-Dimethylphenol	1740	330	ug/kg	3330	ND	52	30-120	22	25	
Dimethyl phthalate	2600	330	ug/kg	3330	ND	78	45-125	11	25	
4,6-Dinitro-2-methylphenol	2900	420	ug/kg	3330	ND	87	35-120	13	25	
2,4-Dinitrophenol	2370	660	ug/kg	3330	ND	71	20-120	19	25	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14037 Extracted: 11/14/08										
Matrix Spike Dup Analyzed: 11/14/2008 (8K14037-MSD1)					**Source: IRK1188-26**					
2,4-Dinitrotoluene	2650	330	ug/kg	3330	ND	79	50-125	14	25	
2,6-Dinitrotoluene	2610	330	ug/kg	3330	ND	78	50-125	11	20	
Di-n-octyl phthalate	2680	330	ug/kg	3330	ND	80	50-135	11	25	
1,2-Diphenylhydrazine/Azobenzene	2450	330	ug/kg	3330	ND	74	50-125	14	25	
Bis(2-ethylhexyl)phthalate	2520	330	ug/kg	3330	ND	76	45-130	9	25	
Fluoranthene	2960	330	ug/kg	3330	ND	89	45-120	13	25	
Fluorene	2570	330	ug/kg	3330	ND	77	50-120	13	25	
Hexachlorobenzene	2900	330	ug/kg	3330	ND	87	50-120	8	25	
Hexachlorobutadiene	2660	330	ug/kg	3330	ND	80	40-120	6	25	
Hexachlorocyclopentadiene	2780	830	ug/kg	3330	ND	83	20-125	9	30	
Hexachloroethane	2230	330	ug/kg	3330	ND	67	35-120	4	30	
Indeno(1,2,3-cd)pyrene	2810	330	ug/kg	3330	ND	84	20-130	6	30	
Isophorone	2150	330	ug/kg	3330	ND	64	40-120	9	25	
2-Methylnaphthalene	2580	330	ug/kg	3330	ND	78	40-120	9	20	
2-Methylphenol	1840	330	ug/kg	3330	ND	55	40-120	18	25	
4-Methylphenol	2170	330	ug/kg	3330	ND	65	45-120	16	25	
Naphthalene	2400	330	ug/kg	3330	ND	72	40-120	6	25	
2-Nitroaniline	2450	330	ug/kg	3330	ND	73	45-120	13	25	
3-Nitroaniline	2400	330	ug/kg	3330	ND	72	30-120	14	25	
4-Nitroaniline	2210	830	ug/kg	3330	ND	66	40-125	16	30	
Nitrobenzene	2220	330	ug/kg	3330	ND	67	40-120	9	25	
2-Nitrophenol	2520	330	ug/kg	3330	ND	76	40-120	9	25	
4-Nitrophenol	2660	830	ug/kg	3330	ND	80	35-125	21	30	
N-Nitroso-di-n-propylamine	2200	250	ug/kg	3330	ND	66	35-120	7	25	
N-Nitrosodiphenylamine	2700	330	ug/kg	3330	ND	81	45-125	12	25	
Pentachlorophenol	2560	830	ug/kg	3330	ND	77	30-120	18	25	
Phenanthrene	2660	330	ug/kg	3330	ND	80	50-120	11	25	
Phenol	2060	330	ug/kg	3330	ND	62	40-120	11	25	
Pyrene	2280	330	ug/kg	3330	ND	68	40-125	5	30	
1,2,4-Trichlorobenzene	2440	330	ug/kg	3330	ND	73	40-120	5	25	
2,4,5-Trichlorophenol	2830	330	ug/kg	3330	ND	85	45-120	12	20	
2,4,6-Trichlorophenol	2840	330	ug/kg	3330	ND	85	45-120	8	25	
Surrogate: 2,4,6-Tribromophenol	*4990*		*ug/kg*	*6670*		*75*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2520*		*ug/kg*	*3330*		*76*	*35-120*			
Surrogate: 2-Fluorophenol	*3780*		*ug/kg*	*6670*		*57*	*25-120*			
Surrogate: Nitrobenzene-d5	*2270*		*ug/kg*	*3330*		*68*	*30-120*			

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Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego 9095 Rio San Diego Dr, Suite 240 San Diego, CA 92108 Attention: George Cebula	Project ID: Oakland B0031045.0003 GE 14TH STREET Report Number: IRK1164	Sampled: 11/07/08-11/10/08 Received: 11/11/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14037 Extracted: 11/14/08										
Matrix Spike Dup Analyzed: 11/14/2008 (8K14037-MSD1)					**Source: IRK1188-26**					
Surrogate: Phenol-d6	*4230*		*ug/kg*	*6670*		*63*	*35-120*			
Surrogate: Terphenyl-d14	*2820*		*ug/kg*	*3330*		*85*	*40-135*			

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Blank Analyzed: 11/17/2008 (8K15039-BLK1)										
Acenaphthene	ND	0.050	mg/l							
Acenaphthylene	ND	0.050	mg/l							
Aniline	ND	0.050	mg/l							
Anthracene	ND	0.050	mg/l							
Benzidine	ND	0.50	mg/l							
Benzo(a)anthracene	ND	0.050	mg/l							
Benzo(a)pyrene	ND	0.050	mg/l							
Benzo(b)fluoranthene	ND	0.050	mg/l							
Benzo(g,h,i)perylene	ND	0.050	mg/l							
Benzo(k)fluoranthene	ND	0.050	mg/l							
Benzoic acid	ND	0.50	mg/l							
Benzyl alcohol	ND	0.10	mg/l							
4-Bromophenyl phenyl ether	ND	0.050	mg/l							
Butyl benzyl phthalate	ND	0.10	mg/l							
4-Chloro-3-methylphenol	ND	0.10	mg/l							
4-Chloroaniline	ND	0.050	mg/l							
Bis(2-chloroethoxy)methane	ND	0.050	mg/l							
Bis(2-chloroethyl)ether	ND	0.050	mg/l							
Bis(2-chloroisopropyl)ether	ND	0.050	mg/l							
2-Chloronaphthalene	ND	0.050	mg/l							
2-Chlorophenol	ND	0.050	mg/l							
4-Chlorophenyl phenyl ether	ND	0.050	mg/l							
Chrysene	ND	0.050	mg/l							
Dibenz(a,h)anthracene	ND	0.10	mg/l							
Dibenzofuran	ND	0.050	mg/l							
Di-n-butyl phthalate	ND	0.10	mg/l							
1,2-Dichlorobenzene	ND	0.050	mg/l							
1,3-Dichlorobenzene	ND	0.050	mg/l							
1,4-Dichlorobenzene	ND	0.050	mg/l							
3,3'-Dichlorobenzidine	ND	0.20	mg/l							
2,4-Dichlorophenol	ND	0.050	mg/l							
Diethyl phthalate	ND	0.050	mg/l							
2,4-Dimethylphenol	ND	0.10	mg/l							
Dimethyl phthalate	ND	0.050	mg/l							
4,6-Dinitro-2-methylphenol	ND	0.20	mg/l							
2,4-Dinitrophenol	ND	0.50	mg/l							

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Blank Analyzed: 11/17/2008 (8K15039-BLK1)										
2,4-Dinitrotoluene	ND	0.050	mg/l							
2,6-Dinitrotoluene	ND	0.050	mg/l							
Di-n-octyl phthalate	ND	0.20	mg/l							
1,2-Diphenylhydrazine/Azobenzene	ND	0.10	mg/l							
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/l							
Fluoranthene	ND	0.050	mg/l							
Fluorene	ND	0.050	mg/l							
Hexachlorobenzene	ND	0.050	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Hexachlorocyclopentadiene	ND	0.20	mg/l							
Hexachloroethane	ND	0.050	mg/l							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/l							
Isophorone	ND	0.050	mg/l							
2-Methylnaphthalene	ND	0.050	mg/l							
2-Methylphenol	ND	0.050	mg/l							
4-Methylphenol	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
2-Nitroaniline	ND	0.10	mg/l							
3-Nitroaniline	ND	0.10	mg/l							
4-Nitroaniline	ND	0.50	mg/l							
Nitrobenzene	ND	0.20	mg/l							
2-Nitrophenol	ND	0.050	mg/l							
4-Nitrophenol	ND	0.50	mg/l							
N-Nitroso-di-n-propylamine	ND	0.10	mg/l							
N-Nitrosodiphenylamine	ND	0.050	mg/l							
Pentachlorophenol	ND	0.20	mg/l							
Phenanthrene	ND	0.050	mg/l							
Phenol	ND	0.050	mg/l							
Pyrene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
2,4,5-Trichlorophenol	ND	0.10	mg/l							
2,4,6-Trichlorophenol	ND	0.10	mg/l							
Surrogate: 2,4,6-Tribromophenol	*0.834*		*mg/l*	*1.00*		*83*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.359*		*mg/l*	*0.500*		*72*	*45-120*			
Surrogate: 2-Fluorophenol	*0.665*		*mg/l*	*1.00*		*67*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.395*		*mg/l*	*0.500*		*79*	*40-120*			

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Blank Analyzed: 11/17/2008 (8K15039-BLK1)										
Surrogate: Phenol-d6	*0.696*		*mg/l*	*1.00*		*70*	*45-120*			
Surrogate: Terphenyl-d14	*0.376*		*mg/l*	*0.500*		*75*	*45-135*			
LCS Analyzed: 11/17/2008 (8K15039-BS1)										
Acenaphthene	0.416	0.050	mg/l	0.500		83	60-120			
Acenaphthylene	0.410	0.050	mg/l	0.500		82	60-120			
Aniline	0.350	0.050	mg/l	0.500		70	35-120			
Anthracene	0.487	0.050	mg/l	0.500		97	65-120			
Benzidine	0.358	0.50	mg/l	0.500		72	30-160			
Benzo(a)anthracene	0.448	0.050	mg/l	0.500		90	65-120			
Benzo(a)pyrene	0.462	0.050	mg/l	0.500		92	55-130			
Benzo(b)fluoranthene	0.447	0.050	mg/l	0.500		89	55-125			
Benzo(g,h,i)perylene	0.538	0.050	mg/l	0.500		108	45-135			
Benzo(k)fluoranthene	0.484	0.050	mg/l	0.500		97	50-125			
Benzoic acid	0.417	0.50	mg/l	0.500		83	25-120			
Benzyl alcohol	0.442	0.10	mg/l	0.500		88	50-120			
4-Bromophenyl phenyl ether	0.451	0.050	mg/l	0.500		90	60-120			
Butyl benzyl phthalate	0.586	0.10	mg/l	0.500		117	55-130			
4-Chloro-3-methylphenol	0.485	0.10	mg/l	0.500		97	60-120			
4-Chloroaniline	0.421	0.050	mg/l	0.500		84	55-120			
Bis(2-chloroethoxy)methane	0.426	0.050	mg/l	0.500		85	55-120			
Bis(2-chloroethyl)ether	0.413	0.050	mg/l	0.500		83	50-120			
Bis(2-chloroisopropyl)ether	0.481	0.050	mg/l	0.500		96	45-120			
2-Chloronaphthalene	0.407	0.050	mg/l	0.500		81	60-120			
2-Chlorophenol	0.372	0.050	mg/l	0.500		74	45-120			
4-Chlorophenyl phenyl ether	0.441	0.050	mg/l	0.500		88	65-120			
Chrysene	0.455	0.050	mg/l	0.500		91	65-120			
Dibenz(a,h)anthracene	0.453	0.10	mg/l	0.500		91	50-135			
Dibenzofuran	0.419	0.050	mg/l	0.500		84	65-120			
Di-n-butyl phthalate	0.560	0.10	mg/l	0.500		112	60-125			
1,2-Dichlorobenzene	0.384	0.050	mg/l	0.500		77	40-120			
1,3-Dichlorobenzene	0.363	0.050	mg/l	0.500		73	35-120			
1,4-Dichlorobenzene	0.354	0.050	mg/l	0.500		71	35-120			
3,3'-Dichlorobenzidine	0.351	0.20	mg/l	0.500		70	45-135			
2,4-Dichlorophenol	0.424	0.050	mg/l	0.500		85	55-120			
Diethyl phthalate	0.478	0.050	mg/l	0.500		96	55-120			

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Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
LCS Analyzed: 11/17/2008 (8K15039-BS1)										
2,4-Dimethylphenol	0.356	0.10	mg/l	0.500		71	40-120			
Dimethyl phthalate	0.447	0.050	mg/l	0.500		89	30-120			
4,6-Dinitro-2-methylphenol	0.479	0.20	mg/l	0.500		96	45-120			
2,4-Dinitrophenol	0.356	0.50	mg/l	0.500		71	40-120			
2,4-Dinitrotoluene	0.446	0.050	mg/l	0.500		89	65-120			
2,6-Dinitrotoluene	0.429	0.050	mg/l	0.500		86	65-120			
Di-n-octyl phthalate	0.559	0.20	mg/l	0.500		112	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.450	0.10	mg/l	0.500		90	60-120			
Bis(2-ethylhexyl)phthalate	0.547	0.25	mg/l	0.500		109	65-130			
Fluoranthene	0.517	0.050	mg/l	0.500		103	60-120			
Fluorene	0.440	0.050	mg/l	0.500		88	65-120			
Hexachlorobenzene	0.440	0.050	mg/l	0.500		88	60-120			
Hexachlorobutadiene	0.410	0.050	mg/l	0.500		82	40-120			
Hexachlorocyclopentadiene	0.297	0.20	mg/l	0.500		59	25-120			
Hexachloroethane	0.369	0.050	mg/l	0.500		74	35-120			
Indeno(1,2,3-cd)pyrene	0.462	0.10	mg/l	0.500		92	45-135			
Isophorone	0.461	0.050	mg/l	0.500		92	50-120			
2-Methylnaphthalene	0.441	0.050	mg/l	0.500		88	55-120			
2-Methylphenol	0.408	0.050	mg/l	0.500		82	50-120			
4-Methylphenol	0.418	0.050	mg/l	0.500		84	50-120			*M-3*
Naphthalene	0.404	0.050	mg/l	0.500		81	55-120			
2-Nitroaniline	0.508	0.10	mg/l	0.500		102	65-120			
3-Nitroaniline	0.460	0.10	mg/l	0.500		92	60-120			
4-Nitroaniline	0.455	0.50	mg/l	0.500		91	55-125			
Nitrobenzene	0.446	0.20	mg/l	0.500		89	55-120			
2-Nitrophenol	0.431	0.050	mg/l	0.500		86	50-120			
4-Nitrophenol	0.441	0.50	mg/l	0.500		88	45-120			
N-Nitroso-di-n-propylamine	0.467	0.10	mg/l	0.500		93	45-120			
N-Nitrosodiphenylamine	0.428	0.050	mg/l	0.500		86	60-120			
Pentachlorophenol	0.426	0.20	mg/l	0.500		85	50-120			
Phenanthrene	0.488	0.050	mg/l	0.500		98	65-120			
Phenol	0.341	0.050	mg/l	0.500		68	40-120			
Pyrene	0.458	0.050	mg/l	0.500		92	55-125			
1,2,4-Trichlorobenzene	0.394	0.050	mg/l	0.500		79	45-120			
2,4,5-Trichlorophenol	0.440	0.10	mg/l	0.500		88	55-120			
2,4,6-Trichlorophenol	0.422	0.10	mg/l	0.500		84	55-120			

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Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego 9095 Rio San Diego Dr, Suite 240 San Diego, CA 92108 Attention: George Cebula	Project ID: Oakland B0031045.0003 GE 14TH STREET Report Number: IRK1164		Sampled: 11/07/08-11/10/08 Received: 11/11/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
LCS Analyzed: 11/17/2008 (8K15039-BS1)										
Surrogate: 2,4,6-Tribromophenol	*0.875*		*mg/l*	*1.00*		*87*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.392*		*mg/l*	*0.500*		*78*	*45-120*			
Surrogate: 2-Fluorophenol	*0.647*		*mg/l*	*1.00*		*65*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.422*		*mg/l*	*0.500*		*84*	*40-120*			
Surrogate: Phenol-d6	*0.736*		*mg/l*	*1.00*		*74*	*45-120*			
Surrogate: Terphenyl-d14	*0.440*		*mg/l*	*0.500*		*88*	*45-135*			
Matrix Spike Analyzed: 11/17/2008 (8K15039-MS1)					**Source: IRK0970-09**					
Acenaphthene	0.415	0.050	mg/l	0.500	ND	83	60-120			
Acenaphthylene	0.404	0.050	mg/l	0.500	ND	81	60-120			
Aniline	0.275	0.050	mg/l	0.500	ND	55	35-120			
Anthracene	0.498	0.050	mg/l	0.500	ND	100	65-120			
Benzidine	ND	0.50	mg/l	0.500	ND		30-160			*M2*
Benzo(a)anthracene	0.445	0.050	mg/l	0.500	ND	89	65-120			
Benzo(a)pyrene	0.468	0.050	mg/l	0.500	ND	94	55-130			
Benzo(b)fluoranthene	0.500	0.050	mg/l	0.500	ND	100	55-125			
Benzo(g,h,i)perylene	0.513	0.050	mg/l	0.500	ND	103	45-135			
Benzo(k)fluoranthene	0.514	0.050	mg/l	0.500	ND	103	55-125			
Benzoic acid	0.349	0.50	mg/l	0.500	ND	70	25-125			
Benzyl alcohol	0.585	0.10	mg/l	0.500	ND	117	40-120			
4-Bromophenyl phenyl ether	0.482	0.050	mg/l	0.500	ND	96	60-120			
Butyl benzyl phthalate	0.596	0.10	mg/l	0.500	ND	119	55-130			
4-Chloro-3-methylphenol	0.503	0.10	mg/l	0.500	ND	101	60-120			
4-Chloroaniline	0.0182	0.050	mg/l	0.500	ND	4	55-120			*M2*
Bis(2-chloroethoxy)methane	0.418	0.050	mg/l	0.500	ND	84	50-120			
Bis(2-chloroethyl)ether	0.441	0.050	mg/l	0.500	ND	88	50-120			
Bis(2-chloroisopropyl)ether	0.478	0.050	mg/l	0.500	ND	96	45-120			
2-Chloronaphthalene	0.413	0.050	mg/l	0.500	ND	83	60-120			
2-Chlorophenol	0.385	0.050	mg/l	0.500	ND	77	45-120			
4-Chlorophenyl phenyl ether	0.541	0.050	mg/l	0.500	ND	108	65-120			
Chrysene	0.439	0.050	mg/l	0.500	ND	88	65-120			
Dibenz(a,h)anthracene	0.423	0.10	mg/l	0.500	ND	85	45-135			
Dibenzofuran	0.438	0.050	mg/l	0.500	ND	88	65-120			
Di-n-butyl phthalate	0.572	0.10	mg/l	0.500	ND	114	60-125			
1,2-Dichlorobenzene	0.366	0.050	mg/l	0.500	ND	73	40-120			
1,3-Dichlorobenzene	0.348	0.050	mg/l	0.500	ND	70	35-120			

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Matrix Spike Analyzed: 11/17/2008 (8K15039-MS1)					**Source: IRK0970-09**					
1,4-Dichlorobenzene	0.347	0.050	mg/l	0.500	ND	69	35-120			
3,3'-Dichlorobenzidine	ND	0.20	mg/l	0.500	ND		45-135			*M2*
2,4-Dichlorophenol	0.441	0.050	mg/l	0.500	ND	88	55-120			
Diethyl phthalate	0.576	0.050	mg/l	0.500	ND	115	55-120			
2,4-Dimethylphenol	0.446	0.10	mg/l	0.500	ND	89	40-120			
Dimethyl phthalate	0.440	0.050	mg/l	0.500	ND	88	30-120			
4,6-Dinitro-2-methylphenol	0.364	0.20	mg/l	0.500	ND	73	45-120			
2,4-Dinitrophenol	0.359	0.50	mg/l	0.500	ND	72	40-120			
2,4-Dinitrotoluene	0.441	0.050	mg/l	0.500	ND	88	65-120			
2,6-Dinitrotoluene	0.419	0.050	mg/l	0.500	ND	84	65-120			
Di-n-octyl phthalate	0.586	0.20	mg/l	0.500	ND	117	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.475	0.10	mg/l	0.500	ND	95	60-120			
Bis(2-ethylhexyl)phthalate	0.550	0.25	mg/l	0.500	ND	110	65-130			
Fluoranthene	0.468	0.050	mg/l	0.500	ND	94	60-120			
Fluorene	0.536	0.050	mg/l	0.500	ND	107	65-120			
Hexachlorobenzene	0.444	0.050	mg/l	0.500	ND	89	60-120			
Hexachlorobutadiene	0.400	0.050	mg/l	0.500	ND	80	40-120			
Hexachlorocyclopentadiene	0.283	0.20	mg/l	0.500	ND	57	25-120			
Hexachloroethane	0.370	0.050	mg/l	0.500	ND	74	35-120			
Indeno(1,2,3-cd)pyrene	0.427	0.10	mg/l	0.500	ND	85	40-135			
Isophorone	0.514	0.050	mg/l	0.500	ND	103	50-120			
2-Methylnaphthalene	0.453	0.050	mg/l	0.500	ND	91	55-120			
2-Methylphenol	0.434	0.050	mg/l	0.500	ND	87	50-120			
Naphthalene	0.380	0.050	mg/l	0.500	ND	76	55-120			
2-Nitroaniline	0.464	0.10	mg/l	0.500	ND	93	65-120			
3-Nitroaniline	0.0357	0.10	mg/l	0.500	ND	7	60-120			*M2*
4-Nitroaniline	0.0220	0.50	mg/l	0.500	ND	4	55-125			*M2*
Nitrobenzene	0.418	0.20	mg/l	0.500	ND	84	55-120			
2-Nitrophenol	0.426	0.050	mg/l	0.500	ND	85	50-120			
4-Nitrophenol	0.410	0.50	mg/l	0.500	ND	82	45-120			
N-Nitroso-di-n-propylamine	0.460	0.10	mg/l	0.500	ND	92	45-120			
N-Nitrosodiphenylamine	0.453	0.050	mg/l	0.500	ND	91	60-120			
Pentachlorophenol	0.572	0.20	mg/l	0.500	ND	114	50-120			
Phenanthrene	0.478	0.050	mg/l	0.500	ND	96	65-120			
Phenol	0.364	0.050	mg/l	0.500	ND	73	40-120			
Pyrene	0.492	0.050	mg/l	0.500	ND	98	55-125			

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Arcadis - Blasland, Bouck & Lee - San Diego 9095 Rio San Diego Dr, Suite 240 San Diego, CA 92108 Attention: George Cebula	Project ID:	Oakland B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
	Report Number:	IRK1164	Received: 11/11/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K15039 Extracted: 11/15/08										
Matrix Spike Analyzed: 11/17/2008 (8K15039-MS1)					**Source: IRK0970-09**					
1,2,4-Trichlorobenzene	0.390	0.050	mg/l	0.500	ND	78	45-120			
2,4,5-Trichlorophenol	0.462	0.10	mg/l	0.500	ND	92	55-120			
2,4,6-Trichlorophenol	0.444	0.10	mg/l	0.500	ND	89	55-120			
Surrogate: 2,4,6-Tribromophenol	*0.959*		*mg/l*	*1.00*		*96*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.390*		*mg/l*	*0.500*		*78*	*45-120*			
Surrogate: 2-Fluorophenol	*0.650*		*mg/l*	*1.00*		*65*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.406*		*mg/l*	*0.500*		*81*	*40-120*			
Surrogate: Phenol-d6	*0.770*		*mg/l*	*1.00*		*77*	*45-120*			
Surrogate: Terphenyl-d14	*0.438*		*mg/l*	*0.500*		*88*	*45-135*			

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17052 Extracted: 11/17/08										
Blank Analyzed: 11/18/2008 (8K17052-BLK1)										
Aroclor 1016	ND	1.0	ug/l							
Aroclor 1221	ND	1.0	ug/l							
Aroclor 1232	ND	1.0	ug/l							
Aroclor 1242	ND	1.0	ug/l							
Aroclor 1248	ND	1.0	ug/l							
Aroclor 1254	ND	1.0	ug/l							
Aroclor 1260	ND	1.0	ug/l							
Surrogate: Decachlorobiphenyl	*0.456*		*ug/l*	*0.500*		*91*	*45-120*			
LCS Analyzed: 11/18/2008 (8K17052-BS2)										
Aroclor 1016	3.25	1.0	ug/l	4.00		81	50-115			
Aroclor 1260	3.31	1.0	ug/l	4.00		83	60-120			
Surrogate: Decachlorobiphenyl	*0.419*		*ug/l*	*0.500*		*84*	*45-120*			
Matrix Spike Analyzed: 11/18/2008 (8K17052-MS2)					**Source: IRK1498-01**					
Aroclor 1016	2.21	0.94	ug/l	3.77	ND	58	45-120			
Aroclor 1260	2.14	0.94	ug/l	3.77	ND	57	55-125			
Surrogate: Decachlorobiphenyl	*0.272*		*ug/l*	*0.472*		*58*	*45-120*			
Matrix Spike Analyzed: 11/18/2008 (8K17052-MS4)					**Source: IRK1543-02**					
Aroclor 1016	1.39	0.94	ug/l	3.77	ND	37	45-120			*M2*
Aroclor 1260	1.65	0.94	ug/l	3.77	ND	44	55-125			*M2*
Surrogate: Decachlorobiphenyl	*0.290*		*ug/l*	*0.472*		*61*	*45-120*			
Matrix Spike Dup Analyzed: 11/18/2008 (8K17052-MSD2)					**Source: IRK1498-01**					
Aroclor 1016	2.76	0.94	ug/l	3.77	ND	73	45-120	23	30	
Aroclor 1260	2.77	0.94	ug/l	3.77	ND	73	55-125	26	25	*R-2*
Surrogate: Decachlorobiphenyl	*0.376*		*ug/l*	*0.472*		*80*	*45-120*			

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9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17052 Extracted: 11/17/08										
Matrix Spike Dup Analyzed: 11/18/2008 (8K17052-MSD4)					**Source: IRK1543-02**					
Aroclor 1016	1.31	0.94	ug/l	3.77	ND	35	45-120	6	30	*M2*
Aroclor 1260	1.40	0.94	ug/l	3.77	ND	37	55-125	17	25	*M2*
Surrogate: Decachlorobiphenyl	*0.260*		*ug/l*	*0.472*		*55*	*45-120*			

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
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Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K12105 Extracted: 11/12/08										
Blank Analyzed: 11/14/2008 (8K12105-BLK1)										
Aroclor 1016	ND	1.0	ug/Wipe							
Aroclor 1221	ND	1.0	ug/Wipe							
Aroclor 1232	ND	1.0	ug/Wipe							
Aroclor 1242	ND	1.0	ug/Wipe							
Aroclor 1248	ND	1.0	ug/Wipe							
Aroclor 1254	ND	1.0	ug/Wipe							
Aroclor 1260	ND	1.0	ug/Wipe							
Surrogate: Decachlorobiphenyl	*0.417*		*ug/Wipe*	*0.500*		*83*	*45-120*			
LCS Analyzed: 11/14/2008 (8K12105-BS1)										
Aroclor 1016	3.29	1.0	ug/Wipe	4.00		82	65-115			
Aroclor 1260	3.36	1.0	ug/Wipe	4.00		84	65-115			
Surrogate: Decachlorobiphenyl	*0.415*		*ug/Wipe*	*0.500*		*83*	*45-120*			
LCS Dup Analyzed: 11/14/2008 (8K12105-BSD1)										
Aroclor 1016	3.43	1.0	ug/Wipe	4.00		86	65-115	4	30	
Aroclor 1260	3.54	1.0	ug/Wipe	4.00		89	65-115	5	30	
Surrogate: Decachlorobiphenyl	*0.448*		*ug/Wipe*	*0.500*		*90*	*45-120*			
Batch: 8K13098 Extracted: 11/13/08										
Blank Analyzed: 11/15/2008 (8K13098-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*26.0*		*ug/kg*	*33.3*		*78*	*45-120*			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13098 Extracted: 11/13/08										
LCS Analyzed: 11/15/2008 (8K13098-BS2)										
Aroclor 1016	229	50	ug/kg	267		86	65-115			
Aroclor 1260	234	50	ug/kg	267		88	65-115			
Surrogate: Decachlorobiphenyl	*28.8*		*ug/kg*	*33.3*		*87*	*45-120*			
Matrix Spike Analyzed: 11/15/2008 (8K13098-MS2)					**Source: IRK1314-07**					
Aroclor 1016	218	50	ug/kg	267	ND	82	50-120			
Aroclor 1260	215	50	ug/kg	267	ND	81	50-125			
Surrogate: Decachlorobiphenyl	*27.1*		*ug/kg*	*33.3*		*81*	*45-120*			
Matrix Spike Dup Analyzed: 11/15/2008 (8K13098-MSD2)					**Source: IRK1314-07**					
Aroclor 1016	223	50	ug/kg	266	ND	84	50-120	2	30	
Aroclor 1260	221	50	ug/kg	266	ND	83	50-125	3	30	
Surrogate: Decachlorobiphenyl	*27.8*		*ug/kg*	*33.3*		*84*	*45-120*			
Batch: 8K17048 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K17048-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*29.5*		*ug/kg*	*33.3*		*88*	*45-120*			
LCS Analyzed: 11/19/2008 (8K17048-BS1)										
Aroclor 1016	247	50	ug/kg	267		93	65-115			
Aroclor 1260	238	50	ug/kg	267		89	65-115			
Surrogate: Decachlorobiphenyl	*29.5*		*ug/kg*	*33.3*		*88*	*45-120*			

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17048 Extracted: 11/17/08										
Matrix Spike Analyzed: 11/19/2008 (8K17048-MS1)					**Source: IRK1164-26**					
Aroclor 1016	193	50	ug/kg	267	ND	72	50-120			
Aroclor 1260	237	50	ug/kg	267	52.4	69	50-125			
Surrogate: Decachlorobiphenyl	*26.6*		*ug/kg*	*33.3*		*80*	*45-120*			
Matrix Spike Dup Analyzed: 11/19/2008 (8K17048-MSD1)					**Source: IRK1164-26**					
Aroclor 1016	195	50	ug/kg	267	ND	73	50-120	1	30	
Aroclor 1260	243	50	ug/kg	267	52.4	71	50-125	3	30	
Surrogate: Decachlorobiphenyl	*28.6*		*ug/kg*	*33.3*		*86*	*45-120*			

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Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
Blank Analyzed: 11/15/2008 (8K14027-BLK1)										
Benzene	ND	0.020	mg/l							
Bromobenzene	ND	0.050	mg/l							
Bromochloromethane	ND	0.050	mg/l							
Bromodichloromethane	ND	0.020	mg/l							
Bromoform	ND	0.050	mg/l							
Bromomethane	ND	0.050	mg/l							
2-Butanone (MEK)	ND	0.10	mg/l							
n-Butylbenzene	ND	0.050	mg/l							
tert-Butylbenzene	ND	0.050	mg/l							
sec-Butylbenzene	ND	0.050	mg/l							
Carbon tetrachloride	ND	0.050	mg/l							
Chlorobenzene	ND	0.020	mg/l							
Chloroethane	ND	0.050	mg/l							
Chloroform	ND	0.020	mg/l							
Chloromethane	ND	0.050	mg/l							
4-Chlorotoluene	ND	0.050	mg/l							
2-Chlorotoluene	ND	0.050	mg/l							
1,2-Dibromo-3-chloropropane	ND	0.050	mg/l							
Dibromochloromethane	ND	0.020	mg/l							
1,2-Dibromoethane (EDB)	ND	0.020	mg/l							
Dibromomethane	ND	0.020	mg/l							
1,2-Dichlorobenzene	ND	0.020	mg/l							
1,3-Dichlorobenzene	ND	0.020	mg/l							
1,4-Dichlorobenzene	ND	0.020	mg/l							
Dichlorodifluoromethane	ND	0.050	mg/l							
1,1-Dichloroethane	ND	0.020	mg/l							
1,2-Dichloroethane	ND	0.020	mg/l							
1,1-Dichloroethene	ND	0.050	mg/l							
cis-1,2-Dichloroethene	ND	0.020	mg/l							
trans-1,2-Dichloroethene	ND	0.020	mg/l							
1,3-Dichloropropane	ND	0.020	mg/l							
2,2-Dichloropropane	ND	0.020	mg/l							
1,2-Dichloropropane	ND	0.020	mg/l							
cis-1,3-Dichloropropene	ND	0.020	mg/l							
trans-1,3-Dichloropropene	ND	0.020	mg/l							
1,1-Dichloropropene	ND	0.020	mg/l							

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
Blank Analyzed: 11/15/2008 (8K14027-BLK1)										
Ethylbenzene	ND	0.020	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Isopropylbenzene	ND	0.020	mg/l							
p-Isopropyltoluene	ND	0.020	mg/l							
Methylene chloride	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
n-Propylbenzene	ND	0.020	mg/l							
Styrene	ND	0.020	mg/l							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/l							
1,1,2,2-Tetrachloroethane	ND	0.020	mg/l							
Tetrachloroethene	ND	0.020	mg/l							
Toluene	ND	0.020	mg/l							
1,2,3-Trichlorobenzene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
1,1,1-Trichloroethane	ND	0.020	mg/l							
1,1,2-Trichloroethane	ND	0.020	mg/l							
Trichloroethene	ND	0.020	mg/l							
Trichlorofluoromethane	ND	0.050	mg/l							
1,2,3-Trichloropropane	ND	0.10	mg/l							
1,2,4-Trimethylbenzene	ND	0.020	mg/l							
1,3,5-Trimethylbenzene	ND	0.020	mg/l							
Vinyl chloride	ND	0.050	mg/l							
m,p-Xylenes	ND	0.020	mg/l							
o-Xylene	ND	0.020	mg/l							
Surrogate: 4-Bromofluorobenzene	*0.222*		*mg/l*	*0.250*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*0.223*		*mg/l*	*0.250*		*89*	*80-120*			
Surrogate: Toluene-d8	*0.223*		*mg/l*	*0.250*		*89*	*80-120*			

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
LCS Analyzed: 11/15/2008 (8K14027-BS1)										
Benzene	0.273	0.020	mg/l	0.250		109	70-120			
Bromobenzene	0.271	0.050	mg/l	0.250		108	75-120			
Bromochloromethane	0.269	0.050	mg/l	0.250		108	70-130			
Bromodichloromethane	0.266	0.020	mg/l	0.250		106	70-135			
Bromoform	0.236	0.050	mg/l	0.250		94	55-130			
Bromomethane	0.246	0.050	mg/l	0.250		98	65-140			
2-Butanone (MEK)	0.158	0.10	mg/l	0.250		63	40-140			
n-Butylbenzene	0.283	0.050	mg/l	0.250		113	70-130			
tert-Butylbenzene	0.293	0.050	mg/l	0.250		117	70-125			
sec-Butylbenzene	0.293	0.050	mg/l	0.250		117	70-125			
Carbon tetrachloride	0.262	0.050	mg/l	0.250		105	65-140			
Chlorobenzene	0.279	0.020	mg/l	0.250		112	75-120			
Chloroethane	0.249	0.050	mg/l	0.250		100	60-140			
Chloroform	0.258	0.020	mg/l	0.250		103	70-130			
Chloromethane	0.207	0.050	mg/l	0.250		83	50-140			
4-Chlorotoluene	0.282	0.050	mg/l	0.250		113	75-125			
2-Chlorotoluene	0.278	0.050	mg/l	0.250		111	70-125			
1,2-Dibromo-3-chloropropane	0.259	0.050	mg/l	0.250		104	50-135			
Dibromochloromethane	0.287	0.020	mg/l	0.250		115	70-140			
1,2-Dibromoethane (EDB)	0.280	0.020	mg/l	0.250		112	75-125			
Dibromomethane	0.265	0.020	mg/l	0.250		106	70-125			
1,2-Dichlorobenzene	0.292	0.020	mg/l	0.250		117	75-120			
1,3-Dichlorobenzene	0.284	0.020	mg/l	0.250		114	75-120			
1,4-Dichlorobenzene	0.275	0.020	mg/l	0.250		110	75-120			
Dichlorodifluoromethane	0.170	0.050	mg/l	0.250		68	35-155			
1,1-Dichloroethane	0.270	0.020	mg/l	0.250		108	70-125			
1,2-Dichloroethane	0.259	0.020	mg/l	0.250		103	60-140			
1,1-Dichloroethene	0.265	0.050	mg/l	0.250		106	70-125			
cis-1,2-Dichloroethene	0.279	0.020	mg/l	0.250		112	70-125			
trans-1,2-Dichloroethene	0.272	0.020	mg/l	0.250		109	70-125			
1,3-Dichloropropane	0.280	0.020	mg/l	0.250		112	70-120			
2,2-Dichloropropane	0.267	0.020	mg/l	0.250		107	65-140			
1,2-Dichloropropane	0.270	0.020	mg/l	0.250		108	70-125			
cis-1,3-Dichloropropene	0.319	0.020	mg/l	0.250		128	75-125			*L*
trans-1,3-Dichloropropene	0.251	0.020	mg/l	0.250		100	70-125			
1,1-Dichloropropene	0.284	0.020	mg/l	0.250		114	75-130			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
LCS Analyzed: 11/15/2008 (8K14027-BS1)										
Ethylbenzene	0.274	0.020	mg/l	0.250		109	75-125			
Hexachlorobutadiene	0.282	0.050	mg/l	0.250		113	65-135			
Isopropylbenzene	0.271	0.020	mg/l	0.250		108	75-130			
p-Isopropyltoluene	0.300	0.020	mg/l	0.250		120	75-125			
Methylene chloride	0.257	0.050	mg/l	0.250		103	55-130			
Naphthalene	0.290	0.050	mg/l	0.250		116	55-135			
n-Propylbenzene	0.280	0.020	mg/l	0.250		112	75-130			
Styrene	0.289	0.020	mg/l	0.250		116	75-130			
1,1,1,2-Tetrachloroethane	0.280	0.050	mg/l	0.250		112	70-130			
1,1,2,2-Tetrachloroethane	0.293	0.020	mg/l	0.250		117	55-130			
Tetrachloroethene	0.263	0.020	mg/l	0.250		105	70-125			
Toluene	0.268	0.020	mg/l	0.250		107	70-120			
1,2,3-Trichlorobenzene	0.286	0.050	mg/l	0.250		115	65-125			
1,2,4-Trichlorobenzene	0.299	0.050	mg/l	0.250		120	70-135			
1,1,1-Trichloroethane	0.273	0.020	mg/l	0.250		109	65-135			
1,1,2-Trichloroethane	0.280	0.020	mg/l	0.250		112	70-125			
Trichloroethene	0.258	0.020	mg/l	0.250		103	70-125			
Trichlorofluoromethane	0.244	0.050	mg/l	0.250		97	65-145			
1,2,3-Trichloropropane	0.267	0.10	mg/l	0.250		107	60-130			
1,2,4-Trimethylbenzene	0.287	0.020	mg/l	0.250		115	75-125			
1,3,5-Trimethylbenzene	0.285	0.020	mg/l	0.250		114	75-125			
Vinyl chloride	0.235	0.050	mg/l	0.250		94	55-135			
m,p-Xylenes	0.567	0.020	mg/l	0.500		113	75-125			
Surrogate: 4-Bromofluorobenzene	*0.231*		*mg/l*	*0.250*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*0.228*		*mg/l*	*0.250*		*91*	*80-120*			
Surrogate: Toluene-d8	*0.226*		*mg/l*	*0.250*		*90*	*80-120*			
Matrix Spike Analyzed: 11/15/2008 (8K14027-MS1)					**Source: IRK0970-01**					
Benzene	0.279	0.020	mg/l	0.250	ND	112	65-125			
Bromobenzene	0.289	0.050	mg/l	0.250	ND	116	70-125			
Bromochloromethane	0.266	0.050	mg/l	0.250	ND	107	65-135			
Bromodichloromethane	0.272	0.020	mg/l	0.250	ND	109	70-135			
Bromoform	0.246	0.050	mg/l	0.250	ND	99	55-135			
Bromomethane	0.253	0.050	mg/l	0.250	ND	101	55-145			
2-Butanone (MEK)	0.193	0.10	mg/l	0.250	ND	77	30-145			
n-Butylbenzene	0.313	0.050	mg/l	0.250	ND	125	65-135			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
Matrix Spike Analyzed: 11/15/2008 (8K14027-MS1)					**Source: IRK0970-01**					
tert-Butylbenzene	0.317	0.050	mg/l	0.250	ND	127	65-130			
sec-Butylbenzene	0.318	0.050	mg/l	0.250	ND	127	70-125			*M1*
Carbon tetrachloride	0.273	0.050	mg/l	0.250	ND	109	65-140			
Chlorobenzene	0.289	0.020	mg/l	0.250	ND	116	75-125			
Chloroethane	0.275	0.050	mg/l	0.250	ND	110	55-140			
Chloroform	0.254	0.020	mg/l	0.250	ND	101	65-135			
Chloromethane	0.215	0.050	mg/l	0.250	ND	86	45-145			
4-Chlorotoluene	0.304	0.050	mg/l	0.250	ND	121	70-135			
2-Chlorotoluene	0.306	0.050	mg/l	0.250	ND	122	65-135			
1,2-Dibromo-3-chloropropane	0.322	0.050	mg/l	0.250	ND	129	45-145			
Dibromochloromethane	0.300	0.020	mg/l	0.250	ND	120	65-140			
1,2-Dibromoethane (EDB)	0.286	0.020	mg/l	0.250	ND	114	70-130			
Dibromomethane	0.282	0.020	mg/l	0.250	ND	113	65-135			
1,2-Dichlorobenzene	0.302	0.020	mg/l	0.250	ND	121	75-125			
1,3-Dichlorobenzene	0.303	0.020	mg/l	0.250	ND	121	75-125			
1,4-Dichlorobenzene	0.300	0.020	mg/l	0.250	ND	120	75-125			
Dichlorodifluoromethane	0.175	0.050	mg/l	0.250	ND	70	25-155			
1,1-Dichloroethane	0.267	0.020	mg/l	0.250	ND	107	65-130			
1,2-Dichloroethane	0.267	0.020	mg/l	0.250	ND	107	60-140			
1,1-Dichloroethene	0.266	0.050	mg/l	0.250	ND	107	60-130			
cis-1,2-Dichloroethene	0.287	0.020	mg/l	0.250	ND	115	65-130			
trans-1,2-Dichloroethene	0.279	0.020	mg/l	0.250	ND	112	65-130			
1,3-Dichloropropane	0.290	0.020	mg/l	0.250	ND	116	65-135			
2,2-Dichloropropane	0.252	0.020	mg/l	0.250	ND	101	60-145			
1,2-Dichloropropane	0.274	0.020	mg/l	0.250	ND	110	65-130			
cis-1,3-Dichloropropene	0.329	0.020	mg/l	0.250	ND	131	70-130			*M7*
trans-1,3-Dichloropropene	0.260	0.020	mg/l	0.250	ND	104	65-135			
1,1-Dichloropropene	0.297	0.020	mg/l	0.250	ND	119	70-135			
Ethylbenzene	0.293	0.020	mg/l	0.250	ND	117	65-130			
Hexachlorobutadiene	0.304	0.050	mg/l	0.250	ND	122	60-135			
Isopropylbenzene	0.292	0.020	mg/l	0.250	ND	117	70-135			
p-Isopropyltoluene	0.329	0.020	mg/l	0.250	0.00780	129	65-130			
Methylene chloride	0.260	0.050	mg/l	0.250	0.0112	100	50-135			
Naphthalene	0.329	0.050	mg/l	0.250	ND	132	50-140			
n-Propylbenzene	0.305	0.020	mg/l	0.250	ND	122	70-135			
Styrene	0.310	0.020	mg/l	0.250	ND	124	50-145			

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Project Manager

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14027 Extracted: 11/14/08										
Matrix Spike Analyzed: 11/15/2008 (8K14027-MS1)					**Source: IRK0970-01**					
1,1,1,2-Tetrachloroethane	0.297	0.050	mg/l	0.250	ND	119	65-140			
1,1,2,2-Tetrachloroethane	0.307	0.020	mg/l	0.250	ND	123	55-135			
Tetrachloroethene	0.283	0.020	mg/l	0.250	ND	113	65-130			
Toluene	0.281	0.020	mg/l	0.250	ND	112	70-125			
1,2,3-Trichlorobenzene	0.310	0.050	mg/l	0.250	ND	124	60-135			
1,2,4-Trichlorobenzene	0.324	0.050	mg/l	0.250	ND	130	65-135			
1,1,1-Trichloroethane	0.269	0.020	mg/l	0.250	ND	108	65-140			
1,1,2-Trichloroethane	0.286	0.020	mg/l	0.250	ND	114	65-130			
Trichloroethene	0.261	0.020	mg/l	0.250	ND	104	65-125			
Trichlorofluoromethane	0.247	0.050	mg/l	0.250	ND	99	60-145			
1,2,3-Trichloropropane	0.298	0.10	mg/l	0.250	ND	119	55-135			
1,2,4-Trimethylbenzene	0.311	0.020	mg/l	0.250	ND	125	55-135			
1,3,5-Trimethylbenzene	0.316	0.020	mg/l	0.250	ND	127	70-130			
Vinyl chloride	0.247	0.050	mg/l	0.250	ND	99	45-140			
m,p-Xylenes	0.605	0.020	mg/l	0.500	ND	121	65-130			
o-Xylene	0.295	0.020	mg/l	0.250	ND	118	65-125			
Surrogate: 4-Bromofluorobenzene	*0.223*		*mg/l*	*0.250*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*0.219*		*mg/l*	*0.250*		*88*	*80-120*			
Surrogate: Toluene-d8	*0.222*		*mg/l*	*0.250*		*89*	*80-120*			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18153 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18153-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 11/18/2008 (8K18153-BS1)										
Mercury	0.913	0.020	mg/kg	0.800		114	80-120			
Matrix Spike Analyzed: 11/18/2008 (8K18153-MS1)					**Source: IRK1164-02**					
Mercury	0.878	0.020	mg/kg	0.800	0.0238	107	70-130			
Matrix Spike Dup Analyzed: 11/18/2008 (8K18153-MSD1)					**Source: IRK1164-02**					
Mercury	0.886	0.020	mg/kg	0.800	0.0238	108	70-130	1	20	
Batch: 8K19082 Extracted: 11/19/08										
Blank Analyzed: 11/19/2008 (8K19082-BLK1)										
Mercury	ND	0.00020	mg/l							
LCS Analyzed: 11/19/2008 (8K19082-BS1)										
Mercury	0.00831	0.00020	mg/l	0.00800		104	80-120			
Matrix Spike Analyzed: 11/19/2008 (8K19082-MS1)					**Source: IRK1379-01**					
Mercury	0.00825	0.00020	mg/l	0.00800	ND	103	70-130			
Matrix Spike Dup Analyzed: 11/19/2008 (8K19082-MSD1)					**Source: IRK1379-01**					
Mercury	0.00842	0.00020	mg/l	0.00800	ND	105	70-130	2	20	
Batch: 8K19128 Extracted: 11/19/08										
Blank Analyzed: 11/19/2008 (8K19128-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19128 Extracted: 11/19/08										
Blank Analyzed: 11/19/2008 (8K19128-BLK1)										
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
LCS Analyzed: 11/19/2008 (8K19128-BS1)										
Antimony	45.5	10	mg/kg	50.0		91	80-120			
Arsenic	45.5	2.0	mg/kg	50.0		91	80-120			
Barium	47.8	1.0	mg/kg	50.0		96	80-120			
Beryllium	45.8	0.50	mg/kg	50.0		92	80-120			
Cadmium	45.0	0.50	mg/kg	50.0		90	80-120			
Chromium	46.0	1.0	mg/kg	50.0		92	80-120			
Cobalt	45.8	1.0	mg/kg	50.0		92	80-120			
Copper	46.8	2.0	mg/kg	50.0		94	80-120			
Lead	46.2	2.0	mg/kg	50.0		92	80-120			
Molybdenum	44.0	2.0	mg/kg	50.0		88	80-120			
Nickel	46.5	2.0	mg/kg	50.0		93	80-120			
Selenium	43.6	2.0	mg/kg	50.0		87	80-120			
Silver	23.5	1.0	mg/kg	25.0		94	80-120			
Thallium	46.0	10	mg/kg	50.0		92	80-120			
Vanadium	45.8	1.0	mg/kg	50.0		92	80-120			
Zinc	44.8	5.0	mg/kg	50.0		90	80-120			
Matrix Spike Analyzed: 11/19/2008 (8K19128-MS1)					**Source: IRK1164-02**					
Antimony	37.6	10	mg/kg	50.0	ND	75	75-125			
Arsenic	51.1	2.0	mg/kg	50.0	4.21	94	75-125			
Barium	169	1.0	mg/kg	50.0	129	81	75-125			
Beryllium	42.6	0.50	mg/kg	50.0	0.311	85	75-125			
Cadmium	40.4	0.50	mg/kg	50.0	ND	81	75-125			
Chromium	85.8	1.0	mg/kg	50.0	38.5	94	75-125			
Cobalt	50.5	1.0	mg/kg	50.0	9.17	83	75-125			
Copper	75.9	2.0	mg/kg	50.0	31.5	89	75-125			
Lead	49.5	2.0	mg/kg	50.0	4.40	90	75-125			
Molybdenum	39.8	2.0	mg/kg	50.0	ND	80	75-125			
Nickel	83.5	2.0	mg/kg	50.0	40.0	87	75-125			
Selenium	39.1	2.0	mg/kg	50.0	ND	78	75-125			
Silver	22.9	1.0	mg/kg	25.0	0.827	88	75-125			

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19128 Extracted: 11/19/08										
Matrix Spike Analyzed: 11/19/2008 (8K19128-MS1)					**Source: IRK1164-02**					
Thallium	42.8	10	mg/kg	50.0	2.70	80	75-125			
Vanadium	76.8	1.0	mg/kg	50.0	32.9	88	75-125			
Zinc	94.6	5.0	mg/kg	50.0	47.6	94	75-125			
Matrix Spike Dup Analyzed: 11/19/2008 (8K19128-MSD1)					**Source: IRK1164-02**					
Antimony	31.9	10	mg/kg	50.0	ND	64	75-125	16	20	*M2*
Arsenic	40.4	2.0	mg/kg	50.0	4.21	72	75-125	24	20	*M2, R-3*
Barium	136	1.0	mg/kg	50.0	129	15	75-125	22	20	*M2, R-3*
Beryllium	36.7	0.50	mg/kg	50.0	0.311	73	75-125	15	20	*M2*
Cadmium	35.4	0.50	mg/kg	50.0	ND	71	75-125	13	20	*M2*
Chromium	68.6	1.0	mg/kg	50.0	38.5	60	75-125	22	20	*M2, R-3*
Cobalt	44.3	1.0	mg/kg	50.0	9.17	70	75-125	13	20	*M2*
Copper	65.5	2.0	mg/kg	50.0	31.5	68	75-125	15	20	*M2*
Lead	41.2	2.0	mg/kg	50.0	4.40	74	75-125	18	20	*M2*
Molybdenum	34.1	2.0	mg/kg	50.0	ND	68	75-125	15	20	*M2*
Nickel	72.7	2.0	mg/kg	50.0	40.0	65	75-125	14	20	*M2*
Selenium	34.1	2.0	mg/kg	50.0	ND	68	75-125	14	20	*M2*
Silver	19.6	1.0	mg/kg	25.0	0.827	75	75-125	15	20	
Thallium	37.7	10	mg/kg	50.0	2.70	70	75-125	13	20	*M2*
Vanadium	61.4	1.0	mg/kg	50.0	32.9	57	75-125	22	20	*M2, R-3*
Zinc	81.7	5.0	mg/kg	50.0	47.6	68	75-125	15	20	*M2*
Batch: 8K19159 Extracted: 11/19/08										
Blank Analyzed: 11/20/2008 (8K19159-BLK1)										
Antimony	ND	0.010	mg/l							
Arsenic	ND	0.010	mg/l							
Barium	ND	0.010	mg/l							
Beryllium	ND	0.0040	mg/l							
Cadmium	ND	0.0050	mg/l							
Chromium	ND	0.0050	mg/l							
Cobalt	ND	0.010	mg/l							
Copper	ND	0.010	mg/l							
Lead	ND	0.0050	mg/l							
Molybdenum	ND	0.020	mg/l							
Nickel	ND	0.010	mg/l							
Selenium	ND	0.010	mg/l							

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19159 Extracted: 11/19/08										
Blank Analyzed: 11/20/2008 (8K19159-BLK1)										
Silver	ND	0.010	mg/l							
Thallium	ND	0.010	mg/l							
Vanadium	ND	0.010	mg/l							
Zinc	ND	0.020	mg/l							
LCS Analyzed: 11/20/2008 (8K19159-BS1)										
Antimony	0.973	0.010	mg/l	1.00		97	80-120			
Arsenic	0.979	0.010	mg/l	1.00		98	80-120			
Barium	0.975	0.010	mg/l	1.00		97	80-120			
Beryllium	0.992	0.0040	mg/l	1.00		99	80-120			
Cadmium	0.935	0.0050	mg/l	1.00		93	80-120			
Chromium	0.937	0.0050	mg/l	1.00		94	80-120			
Cobalt	0.946	0.010	mg/l	1.00		95	80-120			
Copper	0.950	0.010	mg/l	1.00		95	80-120			
Lead	0.969	0.0050	mg/l	1.00		97	80-120			
Molybdenum	0.921	0.020	mg/l	1.00		92	80-120			
Nickel	0.937	0.010	mg/l	1.00		94	80-120			
Selenium	0.932	0.010	mg/l	1.00		93	80-120			
Silver	0.480	0.010	mg/l	0.500		96	80-120			
Thallium	0.915	0.010	mg/l	1.00		91	80-120			
Vanadium	0.970	0.010	mg/l	1.00		97	80-120			
Zinc	0.926	0.020	mg/l	1.00		93	80-120			
Matrix Spike Analyzed: 11/20/2008 (8K19159-MS1)					**Source: IRK1164-22**					
Antimony	0.991	0.010	mg/l	1.00	ND	99	75-125			
Arsenic	0.993	0.010	mg/l	1.00	ND	99	75-125			
Barium	1.01	0.010	mg/l	1.00	ND	101	75-125			
Beryllium	1.00	0.0040	mg/l	1.00	ND	100	75-125			
Cadmium	0.958	0.0050	mg/l	1.00	ND	96	75-125			
Chromium	0.958	0.0050	mg/l	1.00	ND	96	75-125			
Cobalt	0.970	0.010	mg/l	1.00	ND	97	75-125			
Copper	0.979	0.010	mg/l	1.00	0.0140	96	75-125			
Lead	0.976	0.0050	mg/l	1.00	ND	98	75-125			
Molybdenum	0.935	0.020	mg/l	1.00	ND	94	75-125			
Nickel	0.960	0.010	mg/l	1.00	ND	96	75-125			
Selenium	0.945	0.010	mg/l	1.00	ND	94	75-125			
Silver	0.496	0.010	mg/l	0.500	ND	99	75-125			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19159 Extracted: 11/19/08										
Matrix Spike Analyzed: 11/20/2008 (8K19159-MS1)					**Source: IRK1164-22**					
Thallium	0.935	0.010	mg/l	1.00	ND	94	75-125			
Vanadium	0.994	0.010	mg/l	1.00	ND	99	75-125			
Zinc	0.947	0.020	mg/l	1.00	ND	95	75-125			
Matrix Spike Dup Analyzed: 11/20/2008 (8K19159-MSD1)					**Source: IRK1164-22**					
Antimony	0.966	0.010	mg/l	1.00	ND	97	75-125	3	20	
Arsenic	0.968	0.010	mg/l	1.00	ND	97	75-125	3	20	
Barium	0.979	0.010	mg/l	1.00	ND	98	75-125	3	20	
Beryllium	0.968	0.0040	mg/l	1.00	ND	97	75-125	4	20	
Cadmium	0.927	0.0050	mg/l	1.00	ND	93	75-125	3	20	
Chromium	0.933	0.0050	mg/l	1.00	ND	93	75-125	3	20	
Cobalt	0.937	0.010	mg/l	1.00	ND	94	75-125	3	20	
Copper	0.943	0.010	mg/l	1.00	0.0140	93	75-125	4	20	
Lead	0.950	0.0050	mg/l	1.00	ND	95	75-125	3	20	
Molybdenum	0.912	0.020	mg/l	1.00	ND	91	75-125	3	20	
Nickel	0.934	0.010	mg/l	1.00	ND	93	75-125	3	20	
Selenium	0.925	0.010	mg/l	1.00	ND	93	75-125	2	20	
Silver	0.481	0.010	mg/l	0.500	ND	96	75-125	3	20	
Thallium	0.911	0.010	mg/l	1.00	ND	91	75-125	3	20	
Vanadium	0.953	0.010	mg/l	1.00	ND	95	75-125	4	20	
Zinc	0.917	0.020	mg/l	1.00	ND	92	75-125	3	20	

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14131 Extracted: 11/14/08										
Blank Analyzed: 11/17/2008 (8K14131-BLK1)										
Arsenic	ND	0.20	mg/l							
Barium	ND	0.20	mg/l							
Cadmium	ND	0.10	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.10	mg/l							
Silver	ND	0.20	mg/l							
LCS Analyzed: 11/17/2008 (8K14131-BS1)										
Arsenic	1.93	0.20	mg/l	2.00		97	80-120			
Barium	2.14	0.20	mg/l	2.00		107	80-120			
Cadmium	1.91	0.10	mg/l	2.00		96	80-120			
Chromium	1.97	0.10	mg/l	2.00		99	80-120			
Lead	1.93	0.10	mg/l	2.00		96	80-120			
Selenium	1.88	0.10	mg/l	2.00		94	80-120			
Silver	1.02	0.20	mg/l	1.00		102	80-120			
Matrix Spike Analyzed: 11/17/2008 (8K14131-MS1)					**Source: IRK0970-01**					
Arsenic	1.92	0.20	mg/l	2.00	ND	96	75-125			
Barium	2.13	0.20	mg/l	2.00	ND	107	75-125			
Cadmium	1.87	0.10	mg/l	2.00	ND	93	75-125			
Chromium	1.99	0.10	mg/l	2.00	ND	99	75-125			
Lead	1.93	0.10	mg/l	2.00	ND	97	75-125			
Selenium	1.91	0.10	mg/l	2.00	ND	95	75-125			
Silver	1.02	0.20	mg/l	1.00	ND	102	75-125			
Batch: 8K17079 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17079-BLK1)										
Mercury	ND	0.0020	mg/l							

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17079 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17079-BS1)										
Mercury	0.0822	0.0020	mg/l	0.0800		103	80-120			
Matrix Spike Analyzed: 11/17/2008 (8K17079-MS1)					**Source: IRK0970-01**					
Mercury	0.0901	0.0020	mg/l	0.0800	ND	113	70-130			
Matrix Spike Dup Analyzed: 11/17/2008 (8K17079-MSD1)					**Source: IRK0970-01**					
Mercury	0.0895	0.0020	mg/l	0.0800	ND	112	70-130	1	20	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003 GE 14TH STREET
Report Number: IRK1164

Sampled: 11/07/08-11/10/08
Received: 11/11/08

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K13130 Extracted: 11/13/08										
Duplicate Analyzed: 11/13/2008 (8K13130-DUP1)					**Source: IRK1164-02**					
pH	12.0	0.100	pH Units		12.0			0	5	

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Arcadis - Blasland, Bouck & Lee - San Diego 9095 Rio San Diego Dr, Suite 240 San Diego, CA 92108 Attention: George Cebula	Project ID: Oakland B0031045.0003 GE 14TH STREET Report Number: IRK1164	Sampled: 11/07/08-11/10/08 Received: 11/11/08

DATA QUALIFIERS AND DEFINITIONS

A-01	Matrix=Wood Shavings
A-01a	Sample result might be biased high due to coelution of Aroclors 1254 and 1260.
A-01b	Sample result might be biased high due to coelution of Aroclors 1254 and 1260. The data was reprocessed in a different way as the calibration (4 peaks were used in the primary and confirmation columns).
A-01c	Sample result might be biased high due to coelution of Aroclors 1254 and 1260. The data was reprocessed in a different way as the calibration 4 peaks were used in the confirmation column.
A-01d	Sample result might be biased high due to coelution of Aroclors 1254 and 1260. The data was reprocessed in a different way as the calibration 4 peaks were used in the primary and confirmation columns.
A-01e	The data was reprocessed in a different way as the calibration (4 peaks were used in the primary and confirmation columns).
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M-3	Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
R-1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
R-2	The RPD exceeded the acceptance limit.
R-3	The RPD exceeded the acceptance limit due to sample matrix effects.
R-7	LFB/LFBD RPD exceeded the acceptance limit. Recovery met acceptance criteria.
RL1	Reporting limit raised due to sample matrix effects.
RL3	Reporting limit raised due to high concentrations of non-target analytes.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
Z5	Due to sample matrix effects, the surrogate recovery was outside acceptance limits. Secondary surrogate recovery was within the acceptance limits.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD.
The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003 GE 14TH STREET	Sampled: 11/07/08-11/10/08
San Diego, CA 92108	Report Number:	IRK1164	Received: 11/11/08
Attention: George Cebula			

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
6010B-TCLP	Solid	X	X
7470A-TCLP	Solid	X	X
8260B-TCLP	Solid	X	X
EPA 1311-Met	Solid	X	X
EPA 1311-SV	Solid	X	X
EPA 1311-ZHE	Solid	X	X
EPA 3545/8082	Wipe	X	X
EPA 6010B	Solid	X	X
EPA 6010B	Water	X	X
EPA 7470A	Water	X	X
EPA 7471A	Solid	X	X
EPA 8082	Solid	X	X
EPA 8082	Water	X	X
EPA 8260B	Solid	X	X
EPA 8260B	Water	X	X
EPA 8270C	Solid	X	X
EPA 9045C	Solid	X	X
SW846 7.1.2	Solid		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

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CHAIN OF CUSTODY FORM

TAL-0013(1007)

IRK1164

Client Name/Address: ARCADIS, 9095 Rio San Diego Dr. Ste. 240, San Diego, CA 92108

Project/PO Number: B0031045.0003 GE 14th Street

Project Manager: George Cebula

Phone Number: (619) 291-7800 x 24

Sampler: D. Wesselhoff

Fax Number: (619) 291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCBs 8082	TCLP metals 1311/6010/7470	TCLP VOCs 1311/8260	TCLP SVOCs 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC metals, VOCs, SVOCs	Total VOCs		Special Instructions
B18-CF-CP-004	B	4oz glass	1	11/7/08	1504	None	X									
B18-CF-CHWP-005	B	9oz glass 4oz glass	4	11/7/08	1516	None	X	X	X	X	X	X	X			
B18-SW-CP-006	B	4oz glass	1	11/7/08	1533	None	X									
B18-CF-CP-007	B	4oz glass	1	11/7/08	1542	None	X									
B20-CF-CP-004	B	4oz glass	1	11/10/08	0817	None	X									
Trip Blank 11/10/08	W	40ml VOA	3	11/10/08	0817	HCl								X		
B20-CF-CHWP-005	B	9oz Glass 4oz Glass	3/1	11/10/08	0840	None	X	X	X	X	X	X	X			
B20-SS-WP-003	Wipe	4oz Glass	1	11/10/08	0849	Hexane	X									
B20-SS-WP-003DUP	Wipe	4oz Glass	1	11/10/08	0850	Hexane	X									
B20-CF-CP-006	B	4oz Glass	1	11/10/08	0852	None	X									
PHT-CF-CHWP-002	B	9oz Glass/ 4oz Glass	3/1	11/10/08	0934	None	X	X	X	X	X	X	X			
PHT-CF-CP-003	B	4oz glass	1	11/10/08	0942	NONE	X									
B4-CF-CP-008	B	4oz Glass	1	11/10/08	1037	NONE	X									
B4-CF-CHWP-009	B	9oz Glass 4oz Glass	3/1	11/10/08		NONE	X	X	X	X	X	X	X			

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	11/10/08 1720	[signature]	11-10-08 17:20
[signature]	11-10-08 18:00		

Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:
		[signature]	11/11/08 12:05

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CS 5.2/4.4

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

TAL-0013(1007)

Client Name/Address: ARCADIS, 9095 RIO SAN DIEGO DR. SUITE 240, SAN DIEGO, CA 92108

Project/PO Number: B0031045.0003 GE 14th ST.

Project Manager: GEORGE CEBULA

Phone Number: 619-291-7800 x24

Sampler: DENNIS WESSELHOFT

Fax Number: 619-291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCBs 8082	TCLP Metals 1311/6010/7470	TCLP VOCs 1311/8260	TCLP SVOCs 1311/8270	Ignitability (Reqd) 1010	Corrosivity (Reqd) 9045	TTLC Metals, VOCs, SVOCs			Special Instructions
B4-CF-CP-010	B	4oz. Glass	1	11/10/08	1127	None	X									
B4-CF-CP-011	B	4oz glass	1	11/10/08	1145	NONE	X									
B4-CF-CHWP-012	B	9oz glass 4oz glass	3/1	11/10/08	1214	NONE	X	X	X	X	X	X	X			
B4-CF-CP-013	B	4oz glass	1	11/10/08	1224	NONE	X									
B4-WW-CP-014	B	4oz glass	1	11/10/08	1448	NONE	X									
B4-PW-CP-015	B	4oz glass	1	11/10/08	1457	NONE	X									
~~B9-WW-CHWP-003~~ ~~B9-WW-CP-003~~ CG	B	9oz glass 4oz glass	3/1	11/10/08	1535	NONE	X	X	X	X	X	X	X			
EQUIP BLANK-HDB-001	Water	2L Amber 500mL Plastic 40mL VOA	2/1/3	11/10/08	1634	NONE/HNO3/HCL	X						X			
B17-CF-CP-010	B	4oz glass	1	11/10/08	1620	None	X									
B17-CF-CP-010DUP	B	4oz glass	1	11/10/08	1620	None	X									
B17-CF-CHWP-011	B	9oz glass 4oz glass	3/1	11/10/08	1651	None	X	X	X	X	X	X	X			RA 11/12/08 1:30PM
B17-CF-CP-012	B	4oz glass	1	11/10/08	1705	None	X									

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/10/08 1720	Gerald Naylor	11-10-08 17:20	same day ____ 72 hours ____
Relinquished By: Gerald Naylor	Date/Time: 11-10-08 18:00	Received By:	Date/Time:	24 hours ____ 5 days ____
				48 hours ____ normal ✓
Relinquished By:	Date/Time:	Received in Lab By: V. Bond	Date/Time: 11/11/08 12:05	Sample Integrity: (Check) intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CG 5.2/4.4

#103

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.0003

Sampled: 11/11/08
Received: 11/12/08
Issued: 11/24/08 18:21

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRK1414-01	Trip Blank 11/11/08	Water
IRK1414-02	IBH-WW-CP-015	Solid
IRK1414-03	IBH-CF-CP-016	Solid
IRK1414-04	IBH-BW-CP-017	Solid
IRK1414-05	IBH-CF-CP-018	Solid
IRK1414-06	IBH-CF-CHWP-019	Solid
IRK1414-07	IBH-BW-CHWP-020	Solid
IRK1414-08	IBH-CF-CP-021	Solid
IRK1414-09	IBH-CF-CP-022	Solid
IRK1414-10	IBH-BW-CP-023	Solid
IRK1414-11	IBH-CF-CHWP-024	Solid
IRK1414-12	IBH-BW-CHWP-025	Solid
IRK1414-13	IBH-CF-CP-026	Solid
IRK1414-14	IBH-CF-CP-027	Solid
IRK1414-15	IBH-BW-CP-028	Solid
IRK1414-16	Equip Blank-HDB-002	Water

Reviewed By:

TestAmerica Irvine

Sushmitha Reddy
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-01 (Trip Blank 11/11/08 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Bromoform	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Bromomethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Chloroethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Chloroform	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Chloromethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Naphthalene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-01 (Trip Blank 11/11/08 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Styrene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Toluene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K18017	10	ND	1	11/18/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
o-Xylene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				
Surrogate: Dibromofluoromethane (80-120%)				*90 %*				
Surrogate: Toluene-d8 (80-120%)				*94 %*				

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	790	ND	397	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	990	**2000**	397	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	400	**1000**	397	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	4000	ND	397	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	400	**960**	397	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	400	**40000**	397	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	400	**63000**	397	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	990	ND	397	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	2000	ND	397	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	400	ND	397	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	400	**3500**	397	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	400	**1200**	397	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*75 %*				*Z3*
Surrogate: Dibromofluoromethane (55-140%)				*35 %*				*Z3*
Surrogate: Toluene-d8 (60-140%)				*81 %*				*Z3*

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)								**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	99.7	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	99.7	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid) - cont.								**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	99.7	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*80 %*				
Surrogate: Dibromofluoromethane (55-140%)				*84 %*				
Surrogate: Toluene-d8 (60-140%)				*84 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	99.3	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	99	**190**	99.3	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	990	ND	99.3	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	

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Project ID: Oakland
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Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	99.3	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	99.3	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	99	**250**	99.3	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	99	**110**	99.3	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	99	ND	99.3	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	99	**1100**	99.3	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	99	**680**	99.3	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*81 %*				
Surrogate: Dibromofluoromethane (55-140%)				*82 %*				
Surrogate: Toluene-d8 (60-140%)				*86 %*				

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Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)								**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	100	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	100	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid) - cont.								**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	100	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*68 %*				
Surrogate: Dibromofluoromethane (55-140%)				*64 %*				
Surrogate: Toluene-d8 (60-140%)				*67 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-16 (Equip Blank-HDB-002 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Bromoform	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Bromomethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Chloroethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Chloroform	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Chloromethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	L, M7
trans-1,3-Dichloropropene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
Naphthalene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-16 (Equip Blank-HDB-002 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Styrene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Toluene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K18017	10	ND	1	11/18/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K18017	5.0	ND	1	11/18/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
o-Xylene	EPA 8260B	8K18017	2.0	ND	1	11/18/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Surrogate: Dibromofluoromethane (80-120%)				*91 %*				
Surrogate: Toluene-d8 (80-120%)				*93 %*				

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B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-16 (Equip Blank-HDB-002 - Water)								
Reporting Units: ug/l								
Acenaphthene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Acenaphthylene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Aniline	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Anthracene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Benzidine	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Benzo(a)anthracene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Benzo(a)pyrene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Benzo(b)fluoranthene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Benzo(k)fluoranthene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Benzoic acid	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Benzyl alcohol	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Butyl benzyl phthalate	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
4-Chloroaniline	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
2-Chloronaphthalene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
2-Chlorophenol	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Chrysene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Dibenzofuran	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Di-n-butyl phthalate	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
1,2-Dichlorobenzene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
1,3-Dichlorobenzene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
1,4-Dichlorobenzene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
2,4-Dichlorophenol	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Diethyl phthalate	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
2,4-Dimethylphenol	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Dimethyl phthalate	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
2,4-Dinitrophenol	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
2,4-Dinitrotoluene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
2,6-Dinitrotoluene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Di-n-octyl phthalate	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K17094	50	ND	0.995	11/17/2008	11/21/2008	

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Received: 11/12/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-16 (Equip Blank-HDB-002 - Water) - cont.								
Reporting Units: ug/l								
Fluoranthene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Fluorene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Hexachlorobenzene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Hexachlorobutadiene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Hexachloroethane	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Isophorone	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
2-Methylnaphthalene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
2-Methylphenol	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
4-Methylphenol	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Naphthalene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
2-Nitroaniline	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
3-Nitroaniline	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
4-Nitroaniline	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Nitrobenzene	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
2-Nitrophenol	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
4-Nitrophenol	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Pentachlorophenol	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Phenanthrene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Phenol	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
Pyrene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K17094	10	ND	0.995	11/17/2008	11/21/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K17094	20	ND	0.995	11/17/2008	11/21/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*119 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*86 %*				
Surrogate: 2-Fluorophenol (30-120%)				*76 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*79 %*				
Surrogate: Phenol-d6 (35-120%)				*80 %*				
Surrogate: Terphenyl-d14 (50-125%)				*96 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Acenaphthylene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Aniline	EPA 8270C	8K18092	8300	ND	20	11/18/2008	11/19/2008	
Anthracene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzidine	EPA 8270C	8K18092	13000	ND	20	11/18/2008	11/19/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzoic acid	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
Benzyl alcohol	EPA 8270C	8K18092	6700	**54000**	20	11/18/2008	11/19/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Chloroaniline	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	3300	ND	20	11/18/2008	11/19/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Chlorophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Chrysene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	8300	ND	20	11/18/2008	11/19/2008	
Dibenzofuran	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Diethyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Dimethyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	8300	ND	20	11/18/2008	11/19/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	13000	ND	20	11/18/2008	11/19/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	

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Sushmitha Reddy
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Fluorene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Hexachlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
Hexachloroethane	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Isophorone	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Methylphenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Methylphenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Naphthalene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Nitroaniline	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
3-Nitroaniline	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Nitroaniline	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
Nitrobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Nitrophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Nitrophenol	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	5000	ND	20	11/18/2008	11/19/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Pentachlorophenol	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
Phenanthrene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Phenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Pyrene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*92 %*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*71 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*29 %*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*65 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*58 %*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*76 %*				*Z3*

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)								**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Acenaphthylene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Aniline	EPA 8270C	8K18092	830	ND	2	11/18/2008	11/19/2008	
Anthracene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Benzidine	EPA 8270C	8K18092	1300	ND	2	11/18/2008	11/19/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Benzoic acid	EPA 8270C	8K18092	1700	ND	2	11/18/2008	11/19/2008	
Benzyl alcohol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
4-Chloroaniline	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	330	ND	2	11/18/2008	11/19/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2-Chlorophenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Chrysene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	830	ND	2	11/18/2008	11/19/2008	
Dibenzofuran	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	1700	ND	2	11/18/2008	11/19/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Diethyl phthalate	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Dimethyl phthalate	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	830	ND	2	11/18/2008	11/19/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	1300	ND	2	11/18/2008	11/19/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	

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Sampled: 11/11/08
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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid) - cont.								**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Fluorene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Hexachlorobenzene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	1700	ND	2	11/18/2008	11/19/2008	
Hexachloroethane	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Isophorone	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2-Methylphenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
4-Methylphenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Naphthalene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2-Nitroaniline	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
3-Nitroaniline	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
4-Nitroaniline	EPA 8270C	8K18092	1700	ND	2	11/18/2008	11/19/2008	
Nitrobenzene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2-Nitrophenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
4-Nitrophenol	EPA 8270C	8K18092	1700	ND	2	11/18/2008	11/19/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	500	ND	2	11/18/2008	11/19/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Pentachlorophenol	EPA 8270C	8K18092	1700	ND	2	11/18/2008	11/19/2008	
Phenanthrene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Phenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Pyrene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	670	ND	2	11/18/2008	11/19/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z*
Surrogate: 2-Fluorobiphenyl (35-120%)				*79 %*				
Surrogate: 2-Fluorophenol (25-120%)				*13 %*				*Z*
Surrogate: Nitrobenzene-d5 (30-120%)				*68 %*				
Surrogate: Phenol-d6 (35-120%)				*55 %*				
Surrogate: Terphenyl-d14 (40-135%)				*96 %*				

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Sushmitha Reddy
Project Manager

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Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)								**RL2**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Aniline	EPA 8270C	8K18092	4200	ND	9.99	11/18/2008	11/18/2008	
Anthracene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Benzidine	EPA 8270C	8K18092	6600	ND	9.99	11/18/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K18092	8300	ND	9.99	11/18/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	1700	ND	9.99	11/18/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Chrysene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	4200	ND	9.99	11/18/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	8300	ND	9.99	11/18/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	4200	ND	9.99	11/18/2008	11/18/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	6600	ND	9.99	11/18/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid) - cont.								**RL2**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Fluorene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	8300	ND	9.99	11/18/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Isophorone	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Naphthalene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K18092	8300	ND	9.99	11/18/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K18092	8300	ND	9.99	11/18/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	2500	ND	9.99	11/18/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K18092	8300	ND	9.99	11/18/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Phenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Pyrene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	3300	ND	9.99	11/18/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*55 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*66 %*				
Surrogate: 2-Fluorophenol (25-120%)				*32 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*73 %*				
Surrogate: Phenol-d6 (35-120%)				*84 %*				
Surrogate: Terphenyl-d14 (40-135%)				*86 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Aniline	EPA 8270C	8K18092	420	ND	0.999	11/18/2008	11/18/2008	
Anthracene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Benzidine	EPA 8270C	8K18092	660	ND	0.999	11/18/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	170	ND	0.999	11/18/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Chrysene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	420	ND	0.999	11/18/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	420	ND	0.999	11/18/2008	11/18/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	660	ND	0.999	11/18/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Fluorene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Isophorone	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Naphthalene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	250	ND	0.999	11/18/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Phenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Pyrene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*94 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*72 %*				
Surrogate: 2-Fluorophenol (25-120%)				*85 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*73 %*				
Surrogate: Phenol-d6 (35-120%)				*90 %*				
Surrogate: Terphenyl-d14 (40-135%)				*85 %*				

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-16 (Equip Blank-HDB-002 - Water)								
Reporting Units: ug/l								
Aroclor 1016	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1221	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1232	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1242	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1248	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1254	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1260	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*73 %*				

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Sampled: 11/11/08
Received: 11/12/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-02 (IBH-WW-CP-015 - Solid)								**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17048	150	ND	3	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*43 %*				*Z5*
Sample ID: IRK1414-03 (IBH-CF-CP-016 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	**68**	0.999	11/17/2008	11/19/2008	A-01
Aroclor 1248	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*71 %*				
Sample ID: IRK1414-03RE1 (IBH-CF-CP-016 - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K17048	50000	ND	999	11/17/2008	11/21/2008	RL7
Aroclor 1260	EPA 8082	8K17048	50000	**460000**	999	11/17/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*434 %*				*Z3*
Sample ID: IRK1414-04 (IBH-BW-CP-017 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17048	50	**100**	0.998	11/17/2008	11/19/2008	A-01c
Surrogate: Decachlorobiphenyl (45-120%)				*57 %*				
Sample ID: IRK1414-04RE1 (IBH-BW-CP-017 - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K17048	5000	ND	99.8	11/17/2008	11/21/2008	RL7
Aroclor 1260	EPA 8082	8K17048	5000	**47000**	99.8	11/17/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*107 %*				*Z3*

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-05 (IBH-CF-CP-018 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	C
Aroclor 1221	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	C
Aroclor 1248	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	C
Surrogate: Decachlorobiphenyl (45-120%)				*61 %*				
Sample ID: IRK1414-05RE1 (IBH-CF-CP-018 - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K17048	5000	ND	100	11/17/2008	11/21/2008	RL7
Aroclor 1260	EPA 8082	8K17048	5000	**19000**	100	11/17/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*264 %*				*Z3*
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/21/2008	C
Aroclor 1221	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/21/2008	C
Aroclor 1248	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/21/2008	C
Aroclor 1254	EPA 8082	8K17048	50	ND	0.998	11/17/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K17048	50	**560**	0.998	11/17/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*42 %*				*Z5*
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	C
Aroclor 1221	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	C
Aroclor 1248	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	C
Aroclor 1254	EPA 8082	8K17048	50	ND	1	11/17/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K17048	50	**650**	1	11/17/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*60 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-08 (IBH-CF-CP-021 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/21/2008	C
Aroclor 1221	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/21/2008	C
Aroclor 1248	EPA 8082	8K17048	50	ND	0.999	11/17/2008	11/21/2008	C
Surrogate: Decachlorobiphenyl (45-120%)				*51 %*				
Sample ID: IRK1414-08RE1 (IBH-CF-CP-021 - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K17048	5000	ND	99.9	11/17/2008	11/21/2008	RL7
Aroclor 1260	EPA 8082	8K17048	5000	**38000**	99.9	11/17/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*785 %*				*Z3*
Sample ID: IRK1414-09 (IBH-CF-CP-022 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17048	5000	ND	99.9	11/17/2008	11/21/2008	RL7
Aroclor 1221	EPA 8082	8K17048	5000	ND	99.9	11/17/2008	11/21/2008	RL7
Aroclor 1232	EPA 8082	8K17048	5000	ND	99.9	11/17/2008	11/21/2008	RL7
Aroclor 1242	EPA 8082	8K17048	5000	**10000**	99.9	11/17/2008	11/21/2008	A-01b
Aroclor 1248	EPA 8082	8K17048	5000	ND	99.9	11/17/2008	11/21/2008	RL7
Aroclor 1254	EPA 8082	8K17048	5000	**11000**	99.9	11/17/2008	11/21/2008	A-01b
Aroclor 1260	EPA 8082	8K17048	5000	**28000**	99.9	11/17/2008	11/21/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*84 %*				*Z3*
Sample ID: IRK1414-10 (IBH-BW-CP-023 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*82 %*				
Sample ID: IRK1414-10RE1 (IBH-BW-CP-023 - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K17050	1000	ND	20	11/17/2008	11/21/2008	RL7
Aroclor 1260	EPA 8082	8K17050	1000	**3100**	20	11/17/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*81 %*				*Z3*

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Project ID: Oakland
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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*64 %*				
Sample ID: IRK1414-11RE1 (IBH-CF-CHWP-024 - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K17050	2500	ND	50	11/17/2008	11/21/2008	RL7
Aroclor 1260	EPA 8082	8K17050	2500	**28000**	50	11/17/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				*Z3*
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	**370**	0.999	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*83 %*				
Sample ID: IRK1414-13 (IBH-CF-CP-026 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	**240**	1	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*73 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-14 (IBH-CF-CP-027 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	**380**	0.999	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*69 %*				
Sample ID: IRK1414-15 (IBH-BW-CP-028 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	**290**	1	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*87 %*				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	**0.026**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K20167	10	ND	1	11/20/2008	11/21/2008	
Arsenic	EPA 6010B	8K20167	2.0	**4.2**	1	11/20/2008	11/21/2008	
Barium	EPA 6010B	8K20167	1.0	**100**	1	11/20/2008	11/21/2008	
Beryllium	EPA 6010B	8K20167	0.50	ND	1	11/20/2008	11/21/2008	
Cadmium	EPA 6010B	8K20167	0.50	ND	1	11/20/2008	11/21/2008	
Chromium	EPA 6010B	8K20167	1.0	**37**	1	11/20/2008	11/21/2008	
Cobalt	EPA 6010B	8K20167	1.0	**6.5**	1	11/20/2008	11/21/2008	
Copper	EPA 6010B	8K20167	2.0	**25**	1	11/20/2008	11/21/2008	
Lead	EPA 6010B	8K20167	2.0	**4.8**	1	11/20/2008	11/21/2008	
Molybdenum	EPA 6010B	8K20167	2.0	ND	1	11/20/2008	11/21/2008	
Nickel	EPA 6010B	8K20167	2.0	**31**	1	11/20/2008	11/21/2008	
Selenium	EPA 6010B	8K20167	2.0	ND	1	11/20/2008	11/21/2008	
Silver	EPA 6010B	8K20167	1.0	ND	1	11/20/2008	11/21/2008	
Thallium	EPA 6010B	8K20167	10	ND	1	11/20/2008	11/21/2008	
Vanadium	EPA 6010B	8K20167	1.0	**30**	1	11/20/2008	11/21/2008	
Zinc	EPA 6010B	8K20167	5.0	**41**	1	11/20/2008	11/21/2008	
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	**0.046**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K20167	10	ND	1	11/20/2008	11/21/2008	
Arsenic	EPA 6010B	8K20167	2.0	**7.3**	1	11/20/2008	11/21/2008	
Barium	EPA 6010B	8K20167	1.0	**570**	1	11/20/2008	11/21/2008	
Beryllium	EPA 6010B	8K20167	0.50	ND	1	11/20/2008	11/21/2008	
Cadmium	EPA 6010B	8K20167	0.50	ND	1	11/20/2008	11/21/2008	
Chromium	EPA 6010B	8K20167	1.0	**25**	1	11/20/2008	11/21/2008	
Cobalt	EPA 6010B	8K20167	1.0	**3.5**	1	11/20/2008	11/21/2008	
Copper	EPA 6010B	8K20167	2.0	**12**	1	11/20/2008	11/21/2008	
Lead	EPA 6010B	8K20167	2.0	**43**	1	11/20/2008	11/21/2008	
Molybdenum	EPA 6010B	8K20167	2.0	ND	1	11/20/2008	11/21/2008	
Nickel	EPA 6010B	8K20167	2.0	**16**	1	11/20/2008	11/21/2008	
Selenium	EPA 6010B	8K20167	2.0	ND	1	11/20/2008	11/21/2008	
Silver	EPA 6010B	8K20167	1.0	ND	1	11/20/2008	11/21/2008	
Thallium	EPA 6010B	8K20167	10	ND	1	11/20/2008	11/21/2008	
Vanadium	EPA 6010B	8K20167	1.0	**31**	1	11/20/2008	11/21/2008	
Zinc	EPA 6010B	8K20167	5.0	**270**	1	11/20/2008	11/21/2008	

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Project ID: Oakland
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Report Number: IRK1414

Sampled: 11/11/08
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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	**0.069**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K20167	10	ND	1	11/20/2008	11/21/2008	
Arsenic	EPA 6010B	8K20167	2.0	**4.1**	1	11/20/2008	11/21/2008	
Barium	EPA 6010B	8K20167	1.0	**100**	1	11/20/2008	11/21/2008	
Beryllium	EPA 6010B	8K20167	0.50	ND	1	11/20/2008	11/21/2008	
Cadmium	EPA 6010B	8K20167	0.50	**0.70**	1	11/20/2008	11/21/2008	
Chromium	EPA 6010B	8K20167	1.0	**44**	1	11/20/2008	11/21/2008	
Cobalt	EPA 6010B	8K20167	1.0	**9.2**	1	11/20/2008	11/21/2008	
Copper	EPA 6010B	8K20167	2.0	**86**	1	11/20/2008	11/21/2008	
Lead	EPA 6010B	8K20167	2.0	**14**	1	11/20/2008	11/21/2008	
Molybdenum	EPA 6010B	8K20167	2.0	ND	1	11/20/2008	11/21/2008	
Nickel	EPA 6010B	8K20167	2.0	**47**	1	11/20/2008	11/21/2008	
Selenium	EPA 6010B	8K20167	2.0	ND	1	11/20/2008	11/21/2008	
Silver	EPA 6010B	8K20167	1.0	**1.8**	1	11/20/2008	11/21/2008	
Thallium	EPA 6010B	8K20167	10	ND	1	11/20/2008	11/21/2008	
Vanadium	EPA 6010B	8K20167	1.0	**33**	1	11/20/2008	11/21/2008	
Zinc	EPA 6010B	8K20167	5.0	**59**	1	11/20/2008	11/21/2008	
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	ND	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K20167	10	ND	1	11/20/2008	11/21/2008	
Arsenic	EPA 6010B	8K20167	2.0	**2.3**	1	11/20/2008	11/21/2008	
Barium	EPA 6010B	8K20167	1.0	**200**	1	11/20/2008	11/21/2008	
Beryllium	EPA 6010B	8K20167	0.50	ND	1	11/20/2008	11/21/2008	
Cadmium	EPA 6010B	8K20167	0.50	ND	1	11/20/2008	11/21/2008	
Chromium	EPA 6010B	8K20167	1.0	**24**	1	11/20/2008	11/21/2008	
Cobalt	EPA 6010B	8K20167	1.0	**3.5**	1	11/20/2008	11/21/2008	
Copper	EPA 6010B	8K20167	2.0	**6.1**	1	11/20/2008	11/21/2008	
Lead	EPA 6010B	8K20167	2.0	**49**	1	11/20/2008	11/21/2008	
Molybdenum	EPA 6010B	8K20167	2.0	ND	1	11/20/2008	11/21/2008	
Nickel	EPA 6010B	8K20167	2.0	**15**	1	11/20/2008	11/21/2008	
Selenium	EPA 6010B	8K20167	2.0	ND	1	11/20/2008	11/21/2008	
Silver	EPA 6010B	8K20167	1.0	ND	1	11/20/2008	11/21/2008	
Thallium	EPA 6010B	8K20167	10	ND	1	11/20/2008	11/21/2008	
Vanadium	EPA 6010B	8K20167	1.0	**18**	1	11/20/2008	11/21/2008	
Zinc	EPA 6010B	8K20167	5.0	**130**	1	11/20/2008	11/21/2008	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-16 (Equip Blank-HDB-002 - Water)								
Reporting Units: mg/l								
Mercury	EPA 7470A	8K20104	0.00020	ND	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Arsenic	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Barium	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Beryllium	EPA 6010B	8K17130	0.0040	ND	1	11/17/2008	11/18/2008	
Cadmium	EPA 6010B	8K17130	0.0050	ND	1	11/17/2008	11/18/2008	
Chromium	EPA 6010B	8K17130	0.0050	ND	1	11/17/2008	11/18/2008	
Cobalt	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Copper	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Lead	EPA 6010B	8K17130	0.0050	ND	1	11/17/2008	11/18/2008	
Molybdenum	EPA 6010B	8K17130	0.020	ND	1	11/17/2008	11/18/2008	
Nickel	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Selenium	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Silver	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Thallium	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Vanadium	EPA 6010B	8K17130	0.010	ND	1	11/17/2008	11/18/2008	
Zinc	EPA 6010B	8K17130	0.020	ND	1	11/17/2008	11/18/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K14105	0.100	**12.2**	1	11/14/2008	11/14/2008	
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K14105	0.100	**10.5**	1	11/14/2008	11/14/2008	
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K14105	0.100	**9.49**	1	11/14/2008	11/14/2008	
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18105	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K14105	0.100	**10.7**	1	11/14/2008	11/14/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Acenaphthylene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Aniline	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Anthracene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Benzidine	EPA 8270C	8K18154	1.0	ND	2	NA	11/18/2008	11/21/2008	M2
Benzo(a)anthracene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Benzo(a)pyrene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Benzoic acid	EPA 8270C	8K18154	1.0	ND	2	NA	11/18/2008	11/21/2008	M1
Benzyl alcohol	EPA 8270C	8K18154	0.20	**1.5**	2	NA	11/18/2008	11/21/2008	M1
4-Bromophenyl phenyl ether	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Butyl benzyl phthalate	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
4-Chloroaniline	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
2-Chloronaphthalene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
2-Chlorophenol	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Chrysene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
Dibenzofuran	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Di-n-butyl phthalate	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18154	0.10	ND	2	7.5	11/18/2008	11/21/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18154	0.40	ND	2	NA	11/18/2008	11/21/2008	
2,4-Dichlorophenol	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Diethyl phthalate	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
2,4-Dimethylphenol	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
Dimethyl phthalate	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18154	0.40	ND	2	NA	11/18/2008	11/21/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid) - cont.									
Reporting Units: mg/l									
2,4-Dinitrophenol	EPA 8270C	8K18154	1.0	ND	2	NA	11/18/2008	11/21/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18154	0.10	ND	2	0.13	11/18/2008	11/21/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Di-n-octyl phthalate	EPA 8270C	8K18154	0.40	ND	2	NA	11/18/2008	11/21/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18154	0.50	ND	2	NA	11/18/2008	11/21/2008	
Fluoranthene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Fluorene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Hexachlorobenzene	EPA 8270C	8K18154	0.10	ND	2	0.13	11/18/2008	11/21/2008	
Hexachlorobutadiene	EPA 8270C	8K18154	0.10	ND	2	0.5	11/18/2008	11/21/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18154	0.40	ND	2	NA	11/18/2008	11/21/2008	
Hexachloroethane	EPA 8270C	8K18154	0.10	ND	2	3.0	11/18/2008	11/21/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
Isophorone	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
2-Methylnaphthalene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
2-Methylphenol	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
4-Methylphenol	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Naphthalene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
2-Nitroaniline	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
3-Nitroaniline	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
4-Nitroaniline	EPA 8270C	8K18154	1.0	ND	2	NA	11/18/2008	11/21/2008	
Nitrobenzene	EPA 8270C	8K18154	0.40	ND	2	2.0	11/18/2008	11/21/2008	
2-Nitrophenol	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
4-Nitrophenol	EPA 8270C	8K18154	1.0	ND	2	NA	11/18/2008	11/21/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18154	0.20	ND	2	NA	11/18/2008	11/21/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Pentachlorophenol	EPA 8270C	8K18154	0.40	ND	2	100.0	11/18/2008	11/21/2008	M1
Phenanthrene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Phenol	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
Pyrene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18154	0.10	ND	2	NA	11/18/2008	11/21/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18154	0.20	ND	2	400.0	11/18/2008	11/21/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18154	0.20	ND	2	2.0	11/18/2008	11/21/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*106 %*					
Surrogate: 2-Fluorobiphenyl (50-120%)				*99 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (30-120%)				*75 %*					
Surrogate: Nitrobenzene-d5 (45-120%)				*95 %*					
Surrogate: Phenol-d6 (35-120%)				*76 %*					
Surrogate: Terphenyl-d14 (50-125%)				*99 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Acenaphthylene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Aniline	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Anthracene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzidine	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
Benzo(a)anthracene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzo(a)pyrene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzoic acid	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
Benzyl alcohol	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Butyl benzyl phthalate	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
4-Chloroaniline	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Chloronaphthalene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Chlorophenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Chrysene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
Dibenzofuran	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Di-n-butyl phthalate	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	7.5	11/18/2008	11/21/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/21/2008	
2,4-Dichlorophenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Diethyl phthalate	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2,4-Dimethylphenol	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
Dimethyl phthalate	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/21/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid) - cont.									
Reporting Units: mg/l									
2,4-Dinitrophenol	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18154	0.050	ND	1	0.13	11/18/2008	11/21/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Di-n-octyl phthalate	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/21/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18154	0.25	ND	1	NA	11/18/2008	11/21/2008	
Fluoranthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Fluorene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Hexachlorobenzene	EPA 8270C	8K18154	0.050	ND	1	0.13	11/18/2008	11/21/2008	
Hexachlorobutadiene	EPA 8270C	8K18154	0.050	ND	1	0.5	11/18/2008	11/21/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/21/2008	
Hexachloroethane	EPA 8270C	8K18154	0.050	ND	1	3.0	11/18/2008	11/21/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
Isophorone	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Methylnaphthalene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Methylphenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
4-Methylphenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Naphthalene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Nitroaniline	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
3-Nitroaniline	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
4-Nitroaniline	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
Nitrobenzene	EPA 8270C	8K18154	0.20	ND	1	2.0	11/18/2008	11/21/2008	
2-Nitrophenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
4-Nitrophenol	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Pentachlorophenol	EPA 8270C	8K18154	0.20	ND	1	100.0	11/18/2008	11/21/2008	
Phenanthrene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Phenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Pyrene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18154	0.10	ND	1	400.0	11/18/2008	11/21/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18154	0.10	ND	1	2.0	11/18/2008	11/21/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*102 %*					
Surrogate: 2-Fluorobiphenyl (50-120%)				*98 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (30-120%)				*78 %*					
Surrogate: Nitrobenzene-d5 (45-120%)				*93 %*					
Surrogate: Phenol-d6 (35-120%)				*76 %*					
Surrogate: Terphenyl-d14 (50-125%)				*91 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Acenaphthylene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Aniline	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Anthracene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Benzidine	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/20/2008	
Benzo(a)anthracene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Benzo(a)pyrene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Benzoic acid	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/20/2008	
Benzyl alcohol	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Butyl benzyl phthalate	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
4-Chloroaniline	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
2-Chloronaphthalene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
2-Chlorophenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Chrysene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
Dibenzofuran	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Di-n-butyl phthalate	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	7.5	11/18/2008	11/20/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/20/2008	
2,4-Dichlorophenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Diethyl phthalate	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
2,4-Dimethylphenol	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
Dimethyl phthalate	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/20/2008	

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B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid) - cont.									
Reporting Units: mg/l									
2,4-Dinitrophenol	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/20/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18154	0.050	ND	1	0.13	11/18/2008	11/20/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Di-n-octyl phthalate	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/20/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18154	0.25	ND	1	NA	11/18/2008	11/20/2008	
Fluoranthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Fluorene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Hexachlorobenzene	EPA 8270C	8K18154	0.050	ND	1	0.13	11/18/2008	11/20/2008	
Hexachlorobutadiene	EPA 8270C	8K18154	0.050	ND	1	0.5	11/18/2008	11/20/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/20/2008	
Hexachloroethane	EPA 8270C	8K18154	0.050	ND	1	3.0	11/18/2008	11/20/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
Isophorone	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
2-Methylnaphthalene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
2-Methylphenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
4-Methylphenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Naphthalene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
2-Nitroaniline	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
3-Nitroaniline	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
4-Nitroaniline	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/20/2008	
Nitrobenzene	EPA 8270C	8K18154	0.20	ND	1	2.0	11/18/2008	11/20/2008	
2-Nitrophenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
4-Nitrophenol	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/20/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/20/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Pentachlorophenol	EPA 8270C	8K18154	0.20	ND	1	100.0	11/18/2008	11/20/2008	
Phenanthrene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Phenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
Pyrene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/20/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18154	0.10	ND	1	400.0	11/18/2008	11/20/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18154	0.10	ND	1	2.0	11/18/2008	11/20/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*120 %*					
Surrogate: 2-Fluorobiphenyl (50-120%)				*90 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (30-120%)				*79 %*					
Surrogate: Nitrobenzene-d5 (45-120%)				*86 %*					
Surrogate: Phenol-d6 (35-120%)				*110 %*					
Surrogate: Terphenyl-d14 (50-125%)				*91 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Acenaphthylene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Aniline	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Anthracene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzidine	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
Benzo(a)anthracene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzo(a)pyrene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Benzoic acid	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
Benzyl alcohol	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Butyl benzyl phthalate	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
4-Chloroaniline	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Chloronaphthalene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Chlorophenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Chrysene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
Dibenzofuran	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Di-n-butyl phthalate	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	7.5	11/18/2008	11/21/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/21/2008	
2,4-Dichlorophenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Diethyl phthalate	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2,4-Dimethylphenol	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
Dimethyl phthalate	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/21/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid) - cont.

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18154	0.050	ND	1	0.13	11/18/2008	11/21/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Di-n-octyl phthalate	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/21/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18154	0.25	ND	1	NA	11/18/2008	11/21/2008	
Fluoranthene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Fluorene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Hexachlorobenzene	EPA 8270C	8K18154	0.050	ND	1	0.13	11/18/2008	11/21/2008	
Hexachlorobutadiene	EPA 8270C	8K18154	0.050	ND	1	0.5	11/18/2008	11/21/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18154	0.20	ND	1	NA	11/18/2008	11/21/2008	
Hexachloroethane	EPA 8270C	8K18154	0.050	ND	1	3.0	11/18/2008	11/21/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
Isophorone	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Methylnaphthalene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Methylphenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
4-Methylphenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Naphthalene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2-Nitroaniline	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
3-Nitroaniline	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
4-Nitroaniline	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
Nitrobenzene	EPA 8270C	8K18154	0.20	ND	1	2.0	11/18/2008	11/21/2008	
2-Nitrophenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
4-Nitrophenol	EPA 8270C	8K18154	0.50	ND	1	NA	11/18/2008	11/21/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18154	0.10	ND	1	NA	11/18/2008	11/21/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Pentachlorophenol	EPA 8270C	8K18154	0.20	ND	1	100.0	11/18/2008	11/21/2008	
Phenanthrene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Phenol	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
Pyrene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18154	0.050	ND	1	NA	11/18/2008	11/21/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18154	0.10	ND	1	400.0	11/18/2008	11/21/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18154	0.10	ND	1	2.0	11/18/2008	11/21/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*104 %*					
Surrogate: 2-Fluorobiphenyl (50-120%)				*100 %*					

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (30-120%)				*76 %*					
Surrogate: Nitrobenzene-d5 (45-120%)				*96 %*					
Surrogate: Phenol-d6 (35-120%)				*78 %*					
Surrogate: Terphenyl-d14 (50-125%)				*101 %*					

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
Bromobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromochloromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromodichloromethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Bromoform	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromomethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
2-Butanone (MEK)	8260B-TCLP	8K18035	0.10	ND	1	200.0	11/17/2008	11/19/2008	
n-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
tert-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
sec-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Carbon tetrachloride	8260B-TCLP	8K18035	0.050	ND	1	0.5	11/17/2008	11/19/2008	C, M7
Chlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	100.0	11/17/2008	11/19/2008	
Chloroethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Chloroform	8260B-TCLP	8K18035	0.020	ND	1	6.0	11/17/2008	11/19/2008	
Chloromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
4-Chlorotoluene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
2-Chlorotoluene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Dibromochloromethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Dibromomethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	7.5	11/17/2008	11/19/2008	
Dichlorodifluoromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	C
1,1-Dichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dichloroethane	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
1,1-Dichloroethene	8260B-TCLP	8K18035	0.050	ND	1	0.7	11/17/2008	11/19/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
2,2-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	C
1,2-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	

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Sampled: 11/11/08
Received: 11/12/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid) - cont.									
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Ethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Hexachlorobutadiene	8260B-TCLP	8K18035	0.050	ND	1	0.5	11/17/2008	11/19/2008	
Isopropylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
p-Isopropyltoluene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Methylene chloride	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Naphthalene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
n-Propylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Styrene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Tetrachloroethene	8260B-TCLP	8K18035	0.020	ND	1	0.7	11/17/2008	11/19/2008	
Toluene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K18035	0.020	**0.030**	1	NA	11/17/2008	11/19/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Trichloroethene	8260B-TCLP	8K18035	0.020	**0.27**	1	0.5	11/17/2008	11/19/2008	
Trichlorofluoromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K18035	0.10	ND	1	NA	11/17/2008	11/19/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Vinyl chloride	8260B-TCLP	8K18035	0.050	ND	1	0.2	11/17/2008	11/19/2008	
m,p-Xylenes	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
o-Xylene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*88 %*					
Surrogate: Dibromofluoromethane (80-120%)				*93 %*					
Surrogate: Toluene-d8 (80-120%)				*86 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
Bromobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromochloromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromodichloromethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Bromoform	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromomethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
2-Butanone (MEK)	8260B-TCLP	8K18035	0.10	ND	1	200.0	11/17/2008	11/19/2008	
n-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
tert-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
sec-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Carbon tetrachloride	8260B-TCLP	8K18035	0.050	ND	1	0.5	11/17/2008	11/19/2008	C
Chlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	100.0	11/17/2008	11/19/2008	
Chloroethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Chloroform	8260B-TCLP	8K18035	0.020	ND	1	6.0	11/17/2008	11/19/2008	
Chloromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
4-Chlorotoluene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
2-Chlorotoluene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Dibromochloromethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Dibromomethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	7.5	11/17/2008	11/19/2008	
Dichlorodifluoromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	C
1,1-Dichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dichloroethane	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
1,1-Dichloroethene	8260B-TCLP	8K18035	0.050	ND	1	0.7	11/17/2008	11/19/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
2,2-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	C
1,2-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid) - cont.									
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Ethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Hexachlorobutadiene	8260B-TCLP	8K18035	0.050	ND	1	0.5	11/17/2008	11/19/2008	
Isopropylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
p-Isopropyltoluene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Methylene chloride	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Naphthalene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
n-Propylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Styrene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Tetrachloroethene	8260B-TCLP	8K18035	0.020	ND	1	0.7	11/17/2008	11/19/2008	
Toluene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Trichloroethene	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
Trichlorofluoromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K18035	0.10	ND	1	NA	11/17/2008	11/19/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Vinyl chloride	8260B-TCLP	8K18035	0.050	ND	1	0.2	11/17/2008	11/19/2008	
m,p-Xylenes	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
o-Xylene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*87 %*					
Surrogate: Dibromofluoromethane (80-120%)				*95 %*					
Surrogate: Toluene-d8 (80-120%)				*86 %*					

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
Bromobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromochloromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromodichloromethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Bromoform	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromomethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
2-Butanone (MEK)	8260B-TCLP	8K18035	0.10	ND	1	200.0	11/17/2008	11/19/2008	
n-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
tert-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
sec-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Carbon tetrachloride	8260B-TCLP	8K18035	0.050	ND	1	0.5	11/17/2008	11/19/2008	C
Chlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	100.0	11/17/2008	11/19/2008	
Chloroethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Chloroform	8260B-TCLP	8K18035	0.020	ND	1	6.0	11/17/2008	11/19/2008	
Chloromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
4-Chlorotoluene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
2-Chlorotoluene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Dibromochloromethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Dibromomethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	7.5	11/17/2008	11/19/2008	
Dichlorodifluoromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	C
1,1-Dichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dichloroethane	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
1,1-Dichloroethene	8260B-TCLP	8K18035	0.050	ND	1	0.7	11/17/2008	11/19/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
2,2-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	C
1,2-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	

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Sushmitha Reddy
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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid) - cont.									
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Ethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Hexachlorobutadiene	8260B-TCLP	8K18035	0.050	ND	1	0.5	11/17/2008	11/19/2008	
Isopropylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
p-Isopropyltoluene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Methylene chloride	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Naphthalene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
n-Propylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Styrene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Tetrachloroethene	8260B-TCLP	8K18035	0.020	ND	1	0.7	11/17/2008	11/19/2008	
Toluene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Trichloroethene	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
Trichlorofluoromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K18035	0.10	ND	1	NA	11/17/2008	11/19/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Vinyl chloride	8260B-TCLP	8K18035	0.050	ND	1	0.2	11/17/2008	11/19/2008	
m,p-Xylenes	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
o-Xylene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*					
Surrogate: Dibromofluoromethane (80-120%)				*94 %*					
Surrogate: Toluene-d8 (80-120%)				*85 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
Bromobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromochloromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromodichloromethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Bromoform	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Bromomethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
2-Butanone (MEK)	8260B-TCLP	8K18035	0.10	ND	1	200.0	11/17/2008	11/19/2008	
n-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
tert-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
sec-Butylbenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Carbon tetrachloride	8260B-TCLP	8K18035	0.050	ND	1	0.5	11/17/2008	11/19/2008	C
Chlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	100.0	11/17/2008	11/19/2008	
Chloroethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Chloroform	8260B-TCLP	8K18035	0.020	ND	1	6.0	11/17/2008	11/19/2008	
Chloromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
4-Chlorotoluene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
2-Chlorotoluene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Dibromochloromethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Dibromomethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K18035	0.020	ND	1	7.5	11/17/2008	11/19/2008	
Dichlorodifluoromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	C
1,1-Dichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2-Dichloroethane	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
1,1-Dichloroethene	8260B-TCLP	8K18035	0.050	ND	1	0.7	11/17/2008	11/19/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
2,2-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	C
1,2-Dichloropropane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid) - cont.									
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Ethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Hexachlorobutadiene	8260B-TCLP	8K18035	0.050	ND	1	0.5	11/17/2008	11/19/2008	
Isopropylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
p-Isopropyltoluene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Methylene chloride	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
Naphthalene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
n-Propylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Styrene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Tetrachloroethene	8260B-TCLP	8K18035	0.020	ND	1	0.7	11/17/2008	11/19/2008	
Toluene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Trichloroethene	8260B-TCLP	8K18035	0.020	ND	1	0.5	11/17/2008	11/19/2008	
Trichlorofluoromethane	8260B-TCLP	8K18035	0.050	ND	1	NA	11/17/2008	11/19/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K18035	0.10	ND	1	NA	11/17/2008	11/19/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Vinyl chloride	8260B-TCLP	8K18035	0.050	ND	1	0.2	11/17/2008	11/19/2008	
m,p-Xylenes	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
o-Xylene	8260B-TCLP	8K18035	0.020	ND	1	NA	11/17/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*88 %*					
Surrogate: Dibromofluoromethane (80-120%)				*93 %*					
Surrogate: Toluene-d8 (80-120%)				*86 %*					

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TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K21070	0.0020	ND	1	0.2	11/21/2008	11/21/2008	
Arsenic	6010B-TCLP	8K18183	0.20	ND	1	5.0	11/18/2008	11/19/2008	
Barium	6010B-TCLP	8K18183	0.20	**0.34**	1	100.0	11/18/2008	11/19/2008	
Cadmium	6010B-TCLP	8K18183	0.10	ND	1	1.0	11/18/2008	11/19/2008	
Chromium	6010B-TCLP	8K18183	0.10	ND	1	5.0	11/18/2008	11/19/2008	
Lead	6010B-TCLP	8K18183	0.10	ND	1	5.0	11/18/2008	11/19/2008	
Selenium	6010B-TCLP	8K18183	0.10	ND	1	1.0	11/18/2008	11/19/2008	
Silver	6010B-TCLP	8K18183	0.20	ND	1	5.0	11/18/2008	11/19/2008	
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K21070	0.0020	ND	1	0.2	11/21/2008	11/21/2008	
Arsenic	6010B-TCLP	8K18183	0.20	ND	1	5.0	11/18/2008	11/19/2008	
Barium	6010B-TCLP	8K18183	0.20	**0.70**	1	100.0	11/18/2008	11/19/2008	
Cadmium	6010B-TCLP	8K18183	0.10	ND	1	1.0	11/18/2008	11/19/2008	
Chromium	6010B-TCLP	8K18183	0.10	ND	1	5.0	11/18/2008	11/19/2008	
Lead	6010B-TCLP	8K18183	0.10	ND	1	5.0	11/18/2008	11/19/2008	
Selenium	6010B-TCLP	8K18183	0.10	ND	1	1.0	11/18/2008	11/19/2008	
Silver	6010B-TCLP	8K18183	0.20	ND	1	5.0	11/18/2008	11/19/2008	
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K21070	0.0020	ND	1	0.2	11/21/2008	11/21/2008	
Arsenic	6010B-TCLP	8K18183	0.20	ND	1	5.0	11/18/2008	11/19/2008	
Barium	6010B-TCLP	8K18183	0.20	**0.42**	1	100.0	11/18/2008	11/19/2008	
Cadmium	6010B-TCLP	8K18183	0.10	ND	1	1.0	11/18/2008	11/19/2008	
Chromium	6010B-TCLP	8K18183	0.10	ND	1	5.0	11/18/2008	11/19/2008	
Lead	6010B-TCLP	8K18183	0.10	ND	1	5.0	11/18/2008	11/19/2008	
Selenium	6010B-TCLP	8K18183	0.10	ND	1	1.0	11/18/2008	11/19/2008	
Silver	6010B-TCLP	8K18183	0.20	ND	1	5.0	11/18/2008	11/19/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K21070	0.0020	ND	1	0.2	11/21/2008	11/21/2008	
Arsenic	6010B-TCLP	8K18183	0.20	ND	1	5.0	11/18/2008	11/19/2008	
Barium	6010B-TCLP	8K18183	0.20	**0.46**	1	100.0	11/18/2008	11/19/2008	
Cadmium	6010B-TCLP	8K18183	0.10	ND	1	1.0	11/18/2008	11/19/2008	
Chromium	6010B-TCLP	8K18183	0.10	ND	1	5.0	11/18/2008	11/19/2008	
Lead	6010B-TCLP	8K18183	0.10	ND	1	5.0	11/18/2008	11/19/2008	
Selenium	6010B-TCLP	8K18183	0.10	ND	1	1.0	11/18/2008	11/19/2008	
Silver	6010B-TCLP	8K18183	0.20	ND	1	5.0	11/18/2008	11/19/2008	

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TCLP EXTRACTION - Zero Headspace (ZHE)

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)					
Extraction	EPA 1311-ZHE	8K17117	11/17/2008	11/18/2008	
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)					
Extraction	EPA 1311-ZHE	8K17117	11/17/2008	11/18/2008	
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)					
Extraction	EPA 1311-ZHE	8K17117	11/17/2008	11/18/2008	
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)					
Extraction	EPA 1311-ZHE	8K17117	11/17/2008	11/18/2008	

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TCLP EXTRACTION - Semi Volatiles

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)					
Extraction	EPA 1311-SV	8K17120	11/17/2008	11/18/2008	
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)					
Extraction	EPA 1311-SV	8K17120	11/17/2008	11/18/2008	
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)					
Extraction	EPA 1311-SV	8K17120	11/17/2008	11/18/2008	
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)					
Extraction	EPA 1311-SV	8K17120	11/17/2008	11/18/2008	

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TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1414-06 (IBH-CF-CHWP-019 - Solid)					
Extraction	EPA 1311-Met	8K17122	11/17/2008	11/18/2008	
Sample ID: IRK1414-07 (IBH-BW-CHWP-020 - Solid)					
Extraction	EPA 1311-Met	8K17122	11/17/2008	11/18/2008	
Sample ID: IRK1414-11 (IBH-CF-CHWP-024 - Solid)					
Extraction	EPA 1311-Met	8K17122	11/17/2008	11/18/2008	
Sample ID: IRK1414-12 (IBH-BW-CHWP-025 - Solid)					
Extraction	EPA 1311-Met	8K17122	11/17/2008	11/18/2008	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	100	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2380*		*ug/kg*	*2500*		*95*	*65-140*			
Surrogate: Dibromofluoromethane	*2560*		*ug/kg*	*2500*		*102*	*55-140*			
Surrogate: Toluene-d8	*2450*		*ug/kg*	*2500*		*98*	*60-140*			
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
Benzene	2620	100	ug/kg	2500		105	65-120			
Bromobenzene	2690	250	ug/kg	2500		108	70-120			
Bromochloromethane	2630	250	ug/kg	2500		105	65-125			
Bromodichloromethane	2940	100	ug/kg	2500		118	65-135			
Bromoform	2200	250	ug/kg	2500		88	50-130			
Bromomethane	2470	250	ug/kg	2500		99	30-140			
n-Butylbenzene	2840	250	ug/kg	2500		114	70-130			
tert-Butylbenzene	2770	250	ug/kg	2500		111	70-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
sec-Butylbenzene	2780	250	ug/kg	2500		111	70-125			
Carbon tetrachloride	2430	100	ug/kg	2500		97	65-145			
Chlorobenzene	2760	100	ug/kg	2500		111	70-125			
Chloroethane	2580	250	ug/kg	2500		103	40-140			
Chloroform	2660	100	ug/kg	2500		106	75-130			
Chloromethane	3000	250	ug/kg	2500		120	30-140			
4-Chlorotoluene	2850	250	ug/kg	2500		114	70-125			
2-Chlorotoluene	2800	250	ug/kg	2500		112	70-125			
1,2-Dibromo-3-chloropropane	2580	250	ug/kg	2500		103	45-135			
Dibromochloromethane	2600	100	ug/kg	2500		104	65-140			
1,2-Dibromoethane (EDB)	2740	100	ug/kg	2500		110	70-130			
Dibromomethane	2800	100	ug/kg	2500		112	65-130			
1,2-Dichlorobenzene	2720	100	ug/kg	2500		109	70-120			
1,3-Dichlorobenzene	2730	100	ug/kg	2500		109	70-125			
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125			
Dichlorodifluoromethane	2520	200	ug/kg	2500		101	10-155			
1,1-Dichloroethane	2660	100	ug/kg	2500		107	65-130			
1,2-Dichloroethane	2970	100	ug/kg	2500		119	60-145			
1,1-Dichloroethene	2110	250	ug/kg	2500		84	75-140			
cis-1,2-Dichloroethene	2890	100	ug/kg	2500		116	65-130			
trans-1,2-Dichloroethene	2820	100	ug/kg	2500		113	65-130			
1,3-Dichloropropane	2900	100	ug/kg	2500		116	65-130			
2,2-Dichloropropane	2860	100	ug/kg	2500		114	60-145			
1,2-Dichloropropane	2760	100	ug/kg	2500		110	75-125			
cis-1,3-Dichloropropene	3530	100	ug/kg	2500		141	70-130			*L*
trans-1,3-Dichloropropene	2870	100	ug/kg	2500		115	65-135			
1,1-Dichloropropene	3000	100	ug/kg	2500		120	70-130			
Ethylbenzene	2760	100	ug/kg	2500		110	80-120			
Hexachlorobutadiene	2860	250	ug/kg	2500		114	60-135			
Isopropylbenzene	2720	100	ug/kg	2500		109	70-125			
p-Isopropyltoluene	2780	100	ug/kg	2500		111	70-125			
Methylene chloride	2480	1000	ug/kg	2500		99	60-140			
Naphthalene	2760	250	ug/kg	2500		110	50-140			
n-Propylbenzene	2810	100	ug/kg	2500		113	70-130			
Styrene	2850	100	ug/kg	2500		114	70-135			
1,1,1,2-Tetrachloroethane	2980	250	ug/kg	2500		119	70-140			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
1,1,2,2-Tetrachloroethane	2940	100	ug/kg	2500		118	55-135			
Tetrachloroethene	2640	100	ug/kg	2500		106	65-125			
Toluene	2640	100	ug/kg	2500		106	80-120			
1,2,3-Trichlorobenzene	2750	250	ug/kg	2500		110	60-135			
1,2,4-Trichlorobenzene	2880	250	ug/kg	2500		115	65-135			
1,1,1-Trichloroethane	2440	100	ug/kg	2500		98	65-140			
1,1,2-Trichloroethane	2770	100	ug/kg	2500		111	65-130			
Trichloroethene	2660	100	ug/kg	2500		106	70-130			
Trichlorofluoromethane	1800	250	ug/kg	2500		72	50-145			
1,2,3-Trichloropropane	2780	500	ug/kg	2500		111	55-130			
1,2,4-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125			
1,3,5-Trimethylbenzene	2750	100	ug/kg	2500		110	70-125			
Vinyl chloride	1840	100	ug/kg	2500		73	10-120			
m,p-Xylenes	5570	100	ug/kg	5000		111	70-125			
o-Xylene	2820	100	ug/kg	2500		113	70-125			
Surrogate: 4-Bromofluorobenzene	*2280*		*ug/kg*	*2500*		*91*	*65-140*			
Surrogate: Dibromofluoromethane	*2250*		*ug/kg*	*2500*		*90*	*55-140*			
Surrogate: Toluene-d8	*2240*		*ug/kg*	*2500*		*90*	*60-140*			
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
Benzene	2440	100	ug/kg	2500		98	65-120	7	20	
Bromobenzene	2730	250	ug/kg	2500		109	70-120	1	20	
Bromochloromethane	2660	250	ug/kg	2500		106	65-125	1	20	
Bromodichloromethane	3000	100	ug/kg	2500		120	65-135	2	20	
Bromoform	2490	250	ug/kg	2500		100	50-130	13	25	
Bromomethane	3160	250	ug/kg	2500		126	30-140	25	30	
n-Butylbenzene	2760	250	ug/kg	2500		110	70-130	3	20	
tert-Butylbenzene	2910	250	ug/kg	2500		116	70-125	5	20	
sec-Butylbenzene	2790	250	ug/kg	2500		111	70-125	0	20	
Carbon tetrachloride	3470	100	ug/kg	2500		139	65-145	35	20	*R-7*
Chlorobenzene	2800	100	ug/kg	2500		112	70-125	1	20	
Chloroethane	2410	250	ug/kg	2500		96	40-140	7	25	
Chloroform	2580	100	ug/kg	2500		103	75-130	3	20	
Chloromethane	2920	250	ug/kg	2500		117	30-140	3	25	
4-Chlorotoluene	2640	250	ug/kg	2500		106	70-125	8	20	
2-Chlorotoluene	2590	250	ug/kg	2500		104	70-125	8	20	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
1,2-Dibromo-3-chloropropane	2370	250	ug/kg	2500		95	45-135	9	25	
Dibromochloromethane	2830	100	ug/kg	2500		113	65-140	8	20	
1,2-Dibromoethane (EDB)	2590	100	ug/kg	2500		104	70-130	6	20	
Dibromomethane	2690	100	ug/kg	2500		108	65-130	4	20	
1,2-Dichlorobenzene	2750	100	ug/kg	2500		110	70-120	1	20	
1,3-Dichlorobenzene	2810	100	ug/kg	2500		112	70-125	3	20	
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125	0	20	
Dichlorodifluoromethane	3670	200	ug/kg	2500		147	10-155	37	30	*R-7*
1,1-Dichloroethane	2560	100	ug/kg	2500		102	65-130	4	20	
1,2-Dichloroethane	2960	100	ug/kg	2500		118	60-145	1	20	
1,1-Dichloroethene	2600	250	ug/kg	2500		104	75-140	21	20	*R-7*
cis-1,2-Dichloroethene	2410	100	ug/kg	2500		96	65-130	18	20	
trans-1,2-Dichloroethene	2680	100	ug/kg	2500		107	65-130	5	20	
1,3-Dichloropropane	2440	100	ug/kg	2500		98	65-130	17	20	
2,2-Dichloropropane	2930	100	ug/kg	2500		117	60-145	2	25	
1,2-Dichloropropane	2520	100	ug/kg	2500		101	75-125	9	20	
cis-1,3-Dichloropropene	2690	100	ug/kg	2500		108	70-130	27	20	*R-7*
trans-1,3-Dichloropropene	2830	100	ug/kg	2500		113	65-135	1	20	
1,1-Dichloropropene	2780	100	ug/kg	2500		111	70-130	7	20	
Ethylbenzene	2710	100	ug/kg	2500		109	80-120	2	20	
Hexachlorobutadiene	3270	250	ug/kg	2500		131	60-135	13	20	
Isopropylbenzene	3210	100	ug/kg	2500		128	70-125	16	20	*L*
p-Isopropyltoluene	2950	100	ug/kg	2500		118	70-125	6	20	
Methylene chloride	2310	1000	ug/kg	2500		92	60-140	7	20	
Naphthalene	2580	250	ug/kg	2500		103	50-140	7	25	
n-Propylbenzene	2750	100	ug/kg	2500		110	70-130	2	20	
Styrene	2810	100	ug/kg	2500		113	70-135	1	20	
1,1,1,2-Tetrachloroethane	3170	250	ug/kg	2500		127	70-140	6	20	
1,1,2,2-Tetrachloroethane	2230	100	ug/kg	2500		89	55-135	28	25	*R-7*
Tetrachloroethene	2920	100	ug/kg	2500		117	65-125	10	20	
Toluene	2630	100	ug/kg	2500		105	80-120	0	20	
1,2,3-Trichlorobenzene	2890	250	ug/kg	2500		115	60-135	5	20	
1,2,4-Trichlorobenzene	3030	250	ug/kg	2500		121	65-135	5	20	
1,1,1-Trichloroethane	3030	100	ug/kg	2500		121	65-140	21	20	*R-7*
1,1,2-Trichloroethane	2440	100	ug/kg	2500		98	65-130	13	20	
Trichloroethene	2910	100	ug/kg	2500		116	70-130	9	20	

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/11/08
San Diego, CA 92108	Report Number:	IRK1414	Received: 11/12/08
Attention: George Cebula			

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
Trichlorofluoromethane	3090	250	ug/kg	2500		124	50-145	53	25	*R-7*
1,2,3-Trichloropropane	2200	500	ug/kg	2500		88	55-130	23	25	
1,2,4-Trimethylbenzene	2860	100	ug/kg	2500		115	70-125	2	20	
1,3,5-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125	6	20	
Vinyl chloride	1380	100	ug/kg	2500		55	10-120	29	30	
m,p-Xylenes	5520	100	ug/kg	5000		110	70-125	1	20	
o-Xylene	2790	100	ug/kg	2500		112	70-125	1	20	
Surrogate: 4-Bromofluorobenzene	*2310*		*ug/kg*	*2500*		*92*	*65-140*			
Surrogate: Dibromofluoromethane	*2400*		*ug/kg*	*2500*		*96*	*55-140*			
Surrogate: Toluene-d8	*2340*		*ug/kg*	*2500*		*93*	*60-140*			
Batch: 8K18017 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18017-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18017 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18017-BLK1)										
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18017 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18017-BLK1)										
o-Xylene	ND	2.0	ug/l							
1,4-Dichlorobenzene-d4	0.00	NA	ug/l	25.0			50-200			
1,4-Difluorobenzene	0.00	NA	ug/l	25.0			50-200			
Chlorobenzene-d5	0.00	NA	ug/l	25.0			50-200			
Pentafluorobenzene	0.00	NA	ug/l	25.0			50-200			
tert-Butanol-d9	0.00	NA	ug/l	200			50-200			
Surrogate: 4-Bromofluorobenzene	*23.1*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*22.7*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Toluene-d8	*22.7*		*ug/l*	*25.0*		*91*	*80-120*			
LCS Analyzed: 11/18/2008 (8K18017-BS1)										
Benzene	23.0	2.0	ug/l	25.0		92	70-120			
Bromobenzene	25.7	5.0	ug/l	25.0		103	75-120			
Bromochloromethane	24.1	5.0	ug/l	25.0		96	70-130			
Bromodichloromethane	29.3	2.0	ug/l	25.0		117	70-135			
Bromoform	25.5	5.0	ug/l	25.0		102	55-130			
Bromomethane	27.6	5.0	ug/l	25.0		110	65-140			
n-Butylbenzene	25.5	5.0	ug/l	25.0		102	70-130			
tert-Butylbenzene	25.3	5.0	ug/l	25.0		101	70-125			
sec-Butylbenzene	25.8	5.0	ug/l	25.0		103	70-125			
Carbon tetrachloride	33.6	5.0	ug/l	25.0		134	65-140			
Chlorobenzene	24.1	2.0	ug/l	25.0		96	75-120			
Chloroethane	27.7	5.0	ug/l	25.0		111	60-140			
Chloroform	23.9	2.0	ug/l	25.0		96	70-130			
Chloromethane	23.2	5.0	ug/l	25.0		93	50-140			
4-Chlorotoluene	26.2	5.0	ug/l	25.0		105	75-125			
2-Chlorotoluene	25.2	5.0	ug/l	25.0		101	70-125			
1,2-Dibromo-3-chloropropane	24.9	5.0	ug/l	25.0		100	50-135			
Dibromochloromethane	27.7	2.0	ug/l	25.0		111	70-140			
1,2-Dibromoethane (EDB)	24.9	2.0	ug/l	25.0		99	75-125			
Dibromomethane	25.5	2.0	ug/l	25.0		102	70-125			
1,2-Dichlorobenzene	26.4	2.0	ug/l	25.0		106	75-120			
1,3-Dichlorobenzene	25.9	2.0	ug/l	25.0		104	75-120			
1,4-Dichlorobenzene	24.2	2.0	ug/l	25.0		97	75-120			
Dichlorodifluoromethane	20.6	5.0	ug/l	25.0		83	35-155			
1,1-Dichloroethane	24.7	2.0	ug/l	25.0		99	70-125			

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18017 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18017-BS1)										
1,2-Dichloroethane	28.9	2.0	ug/l	25.0		116	60-140			
1,1-Dichloroethene	21.0	5.0	ug/l	25.0		84	70-125			
cis-1,2-Dichloroethene	25.2	2.0	ug/l	25.0		101	70-125			
trans-1,2-Dichloroethene	24.4	2.0	ug/l	25.0		97	70-125			
1,3-Dichloropropane	25.0	2.0	ug/l	25.0		100	70-120			
2,2-Dichloropropane	27.1	2.0	ug/l	25.0		108	65-140			
1,2-Dichloropropane	24.0	2.0	ug/l	25.0		96	70-125			
cis-1,3-Dichloropropene	33.7	2.0	ug/l	25.0		135	75-125			*L*
trans-1,3-Dichloropropene	28.5	2.0	ug/l	25.0		114	70-125			
1,1-Dichloropropene	26.0	2.0	ug/l	25.0		104	75-130			
Ethylbenzene	24.8	2.0	ug/l	25.0		99	75-125			
Hexachlorobutadiene	27.3	5.0	ug/l	25.0		109	65-135			
Isopropylbenzene	26.0	2.0	ug/l	25.0		104	75-130			
p-Isopropyltoluene	26.5	2.0	ug/l	25.0		106	75-125			
Methylene chloride	21.7	5.0	ug/l	25.0		87	55-130			
Naphthalene	24.8	5.0	ug/l	25.0		99	55-135			
n-Propylbenzene	25.4	2.0	ug/l	25.0		102	75-130			
Styrene	26.8	2.0	ug/l	25.0		107	75-130			
1,1,1,2-Tetrachloroethane	29.4	5.0	ug/l	25.0		118	70-130			
1,1,2,2-Tetrachloroethane	24.6	2.0	ug/l	25.0		98	55-130			
Tetrachloroethene	25.1	2.0	ug/l	25.0		100	70-125			
Toluene	24.6	2.0	ug/l	25.0		98	70-120			
1,2,3-Trichlorobenzene	27.7	5.0	ug/l	25.0		111	65-125			
1,2,4-Trichlorobenzene	27.6	5.0	ug/l	25.0		110	70-135			
1,1,1-Trichloroethane	28.8	2.0	ug/l	25.0		115	65-135			
1,1,2-Trichloroethane	25.5	2.0	ug/l	25.0		102	70-125			
Trichloroethene	25.8	2.0	ug/l	25.0		103	70-125			
Trichlorofluoromethane	25.6	5.0	ug/l	25.0		102	65-145			
1,2,3-Trichloropropane	23.6	10	ug/l	25.0		95	60-130			
1,2,4-Trimethylbenzene	26.7	2.0	ug/l	25.0		107	75-125			
1,3,5-Trimethylbenzene	26.6	2.0	ug/l	25.0		107	75-125			
Vinyl chloride	26.9	5.0	ug/l	25.0		108	55-135			
m,p-Xylenes	49.3	2.0	ug/l	50.0		99	75-125			
o-Xylene	25.9	2.0	ug/l	25.0		103	75-125			
1,4-Dichlorobenzene-d4	0.00	NA	ug/l	25.0			50-200			
1,4-Difluorobenzene	0.00	NA	ug/l	25.0			50-200			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18017 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18017-BS1)										
Chlorobenzene-d5	0.00	NA	ug/l	25.0			50-200			
Pentafluorobenzene	0.00	NA	ug/l	25.0			50-200			
tert-Butanol-d9	0.00	NA	ug/l	200			50-200			
Surrogate: 4-Bromofluorobenzene	*23.1*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*23.4*		*ug/l*	*25.0*		*93*	*80-120*			
Matrix Spike Analyzed: 11/18/2008 (8K18017-MS1)					**Source: IRK1414-16**					
Benzene	22.7	2.0	ug/l	25.0	ND	91	65-125			
Bromobenzene	26.8	5.0	ug/l	25.0	ND	107	70-125			
Bromochloromethane	24.9	5.0	ug/l	25.0	ND	100	65-135			
Bromodichloromethane	29.2	2.0	ug/l	25.0	ND	117	70-135			
Bromoform	25.4	5.0	ug/l	25.0	ND	102	55-135			
Bromomethane	26.1	5.0	ug/l	25.0	ND	104	55-145			
n-Butylbenzene	26.0	5.0	ug/l	25.0	ND	104	65-135			
tert-Butylbenzene	26.0	5.0	ug/l	25.0	ND	104	65-130			
sec-Butylbenzene	26.6	5.0	ug/l	25.0	ND	107	70-125			
Carbon tetrachloride	34.0	5.0	ug/l	25.0	ND	136	65-140			
Chlorobenzene	25.0	2.0	ug/l	25.0	ND	100	75-125			
Chloroethane	25.5	5.0	ug/l	25.0	ND	102	55-140			
Chloroform	24.6	2.0	ug/l	25.0	ND	99	65-135			
Chloromethane	21.5	5.0	ug/l	25.0	ND	86	45-145			
4-Chlorotoluene	26.2	5.0	ug/l	25.0	ND	105	70-135			
2-Chlorotoluene	25.2	5.0	ug/l	25.0	ND	101	65-135			
1,2-Dibromo-3-chloropropane	23.5	5.0	ug/l	25.0	ND	94	45-145			
Dibromochloromethane	29.7	2.0	ug/l	25.0	ND	119	65-140			
1,2-Dibromoethane (EDB)	26.1	2.0	ug/l	25.0	ND	105	70-130			
Dibromomethane	25.7	2.0	ug/l	25.0	ND	103	65-135			
1,2-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125			
1,3-Dichlorobenzene	26.6	2.0	ug/l	25.0	ND	106	75-125			
1,4-Dichlorobenzene	25.0	2.0	ug/l	25.0	ND	100	75-125			
Dichlorodifluoromethane	16.5	5.0	ug/l	25.0	ND	66	25-155			
1,1-Dichloroethane	24.8	2.0	ug/l	25.0	ND	99	65-130			
1,2-Dichloroethane	29.4	2.0	ug/l	25.0	ND	117	60-140			
1,1-Dichloroethene	28.1	5.0	ug/l	25.0	ND	112	60-130			
cis-1,2-Dichloroethene	26.6	2.0	ug/l	25.0	ND	106	65-130			

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Project ID: Oakland
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Report Number: IRK1414

Sampled: 11/11/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18017 Extracted: 11/18/08										
Matrix Spike Analyzed: 11/18/2008 (8K18017-MS1)					**Source: IRK1414-16**					
trans-1,2-Dichloroethene	24.4	2.0	ug/l	25.0	ND	97	65-130			
1,3-Dichloropropane	25.9	2.0	ug/l	25.0	ND	103	65-135			
2,2-Dichloropropane	28.3	2.0	ug/l	25.0	ND	113	60-145			
1,2-Dichloropropane	23.9	2.0	ug/l	25.0	ND	96	65-130			
cis-1,3-Dichloropropene	33.2	2.0	ug/l	25.0	ND	133	70-130			*M7*
trans-1,3-Dichloropropene	28.5	2.0	ug/l	25.0	ND	114	65-135			
1,1-Dichloropropene	26.6	2.0	ug/l	25.0	ND	106	70-135			
Ethylbenzene	26.0	2.0	ug/l	25.0	ND	104	65-130			
Hexachlorobutadiene	27.1	5.0	ug/l	25.0	ND	108	60-135			
Isopropylbenzene	26.5	2.0	ug/l	25.0	ND	106	70-135			
p-Isopropyltoluene	27.5	2.0	ug/l	25.0	ND	110	65-130			
Methylene chloride	22.2	5.0	ug/l	25.0	ND	89	50-135			
Naphthalene	24.5	5.0	ug/l	25.0	ND	98	50-140			
n-Propylbenzene	26.0	2.0	ug/l	25.0	ND	104	70-135			
Styrene	27.7	2.0	ug/l	25.0	ND	111	50-145			
1,1,1,2-Tetrachloroethane	30.3	5.0	ug/l	25.0	ND	121	65-140			
1,1,2,2-Tetrachloroethane	24.5	2.0	ug/l	25.0	ND	98	55-135			
Tetrachloroethene	25.7	2.0	ug/l	25.0	ND	103	65-130			
Toluene	24.8	2.0	ug/l	25.0	ND	99	70-125			
1,2,3-Trichlorobenzene	27.5	5.0	ug/l	25.0	ND	110	60-135			
1,2,4-Trichlorobenzene	26.8	5.0	ug/l	25.0	ND	107	65-135			
1,1,1-Trichloroethane	29.4	2.0	ug/l	25.0	ND	118	65-140			
1,1,2-Trichloroethane	24.9	2.0	ug/l	25.0	ND	100	65-130			
Trichloroethene	25.7	2.0	ug/l	25.0	ND	103	65-125			
Trichlorofluoromethane	24.2	5.0	ug/l	25.0	ND	97	60-145			
1,2,3-Trichloropropane	23.9	10	ug/l	25.0	ND	95	55-135			
1,2,4-Trimethylbenzene	27.4	2.0	ug/l	25.0	ND	109	55-135			
1,3,5-Trimethylbenzene	27.2	2.0	ug/l	25.0	ND	109	70-130			
Vinyl chloride	25.3	5.0	ug/l	25.0	ND	101	45-140			
m,p-Xylenes	51.4	2.0	ug/l	50.0	ND	103	65-130			
o-Xylene	26.6	2.0	ug/l	25.0	ND	107	65-125			
1,4-Dichlorobenzene-d4	0.00	NA	ug/l	25.0			50-200			
1,4-Difluorobenzene	0.00	NA	ug/l	25.0			50-200			
Chlorobenzene-d5	0.00	NA	ug/l	25.0			50-200			
Pentafluorobenzene	0.00	NA	ug/l	25.0			50-200			
tert-Butanol-d9	0.00	NA	ug/l	200			50-200			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18017 Extracted: 11/18/08										
Matrix Spike Analyzed: 11/18/2008 (8K18017-MS1)					**Source: IRK1414-16**					
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Matrix Spike Dup Analyzed: 11/18/2008 (8K18017-MSD1)					**Source: IRK1414-16**					
Benzene	21.3	2.0	ug/l	25.0	ND	85	65-125	7	20	
Bromobenzene	25.0	5.0	ug/l	25.0	ND	100	70-125	7	20	
Bromochloromethane	23.1	5.0	ug/l	25.0	ND	92	65-135	8	25	
Bromodichloromethane	26.8	2.0	ug/l	25.0	ND	107	70-135	9	20	
Bromoform	22.8	5.0	ug/l	25.0	ND	91	55-135	11	25	
Bromomethane	24.5	5.0	ug/l	25.0	ND	98	55-145	6	25	
n-Butylbenzene	24.2	5.0	ug/l	25.0	ND	97	65-135	7	20	
tert-Butylbenzene	24.3	5.0	ug/l	25.0	ND	97	65-130	7	20	
sec-Butylbenzene	24.6	5.0	ug/l	25.0	ND	99	70-125	8	20	
Carbon tetrachloride	31.5	5.0	ug/l	25.0	ND	126	65-140	7	25	
Chlorobenzene	22.6	2.0	ug/l	25.0	ND	91	75-125	10	20	
Chloroethane	24.4	5.0	ug/l	25.0	ND	98	55-140	4	25	
Chloroform	22.7	2.0	ug/l	25.0	ND	91	65-135	8	20	
Chloromethane	20.2	5.0	ug/l	25.0	ND	81	45-145	6	25	
4-Chlorotoluene	24.0	5.0	ug/l	25.0	ND	96	70-135	9	20	
2-Chlorotoluene	23.6	5.0	ug/l	25.0	ND	95	65-135	7	20	
1,2-Dibromo-3-chloropropane	21.0	5.0	ug/l	25.0	ND	84	45-145	11	30	
Dibromochloromethane	26.3	2.0	ug/l	25.0	ND	105	65-140	12	25	
1,2-Dibromoethane (EDB)	23.2	2.0	ug/l	25.0	ND	93	70-130	12	25	
Dibromomethane	23.2	2.0	ug/l	25.0	ND	93	65-135	11	25	
1,2-Dichlorobenzene	24.4	2.0	ug/l	25.0	ND	98	75-125	8	20	
1,3-Dichlorobenzene	24.3	2.0	ug/l	25.0	ND	97	75-125	9	20	
1,4-Dichlorobenzene	22.9	2.0	ug/l	25.0	ND	91	75-125	9	20	
Dichlorodifluoromethane	15.4	5.0	ug/l	25.0	ND	61	25-155	7	30	
1,1-Dichloroethane	22.9	2.0	ug/l	25.0	ND	92	65-130	8	20	
1,2-Dichloroethane	26.2	2.0	ug/l	25.0	ND	105	60-140	11	20	
1,1-Dichloroethene	26.2	5.0	ug/l	25.0	ND	105	60-130	7	20	
cis-1,2-Dichloroethene	24.0	2.0	ug/l	25.0	ND	96	65-130	10	20	
trans-1,2-Dichloroethene	21.8	2.0	ug/l	25.0	ND	87	65-130	11	20	
1,3-Dichloropropane	23.1	2.0	ug/l	25.0	ND	92	65-135	11	25	
2,2-Dichloropropane	26.2	2.0	ug/l	25.0	ND	105	60-145	8	25	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18017 Extracted: 11/18/08										
Matrix Spike Dup Analyzed: 11/18/2008 (8K18017-MSD1)					**Source: IRK1414-16**					
1,2-Dichloropropane	21.9	2.0	ug/l	25.0	ND	88	65-130	9	20	
cis-1,3-Dichloropropene	31.2	2.0	ug/l	25.0	ND	125	70-130	6	20	
trans-1,3-Dichloropropene	26.2	2.0	ug/l	25.0	ND	105	65-135	8	25	
1,1-Dichloropropene	24.3	2.0	ug/l	25.0	ND	97	70-135	9	20	
Ethylbenzene	23.4	2.0	ug/l	25.0	ND	93	65-130	11	20	
Hexachlorobutadiene	25.0	5.0	ug/l	25.0	ND	100	60-135	8	20	
Isopropylbenzene	24.8	2.0	ug/l	25.0	ND	99	70-135	7	20	
p-Isopropyltoluene	25.4	2.0	ug/l	25.0	ND	101	65-130	8	20	
Methylene chloride	20.4	5.0	ug/l	25.0	ND	82	50-135	9	20	
Naphthalene	22.4	5.0	ug/l	25.0	ND	90	50-140	9	30	
n-Propylbenzene	24.3	2.0	ug/l	25.0	ND	97	70-135	7	20	
Styrene	24.8	2.0	ug/l	25.0	ND	99	50-145	11	30	
1,1,1,2-Tetrachloroethane	26.9	5.0	ug/l	25.0	ND	108	65-140	12	20	
1,1,2,2-Tetrachloroethane	22.8	2.0	ug/l	25.0	ND	91	55-135	7	30	
Tetrachloroethene	22.9	2.0	ug/l	25.0	ND	91	65-130	12	20	
Toluene	22.7	2.0	ug/l	25.0	ND	91	70-125	9	20	
1,2,3-Trichlorobenzene	24.5	5.0	ug/l	25.0	ND	98	60-135	12	20	
1,2,4-Trichlorobenzene	24.4	5.0	ug/l	25.0	ND	98	65-135	9	20	
1,1,1-Trichloroethane	26.6	2.0	ug/l	25.0	ND	106	65-140	10	20	
1,1,2-Trichloroethane	23.3	2.0	ug/l	25.0	ND	93	65-130	7	25	
Trichloroethene	22.8	2.0	ug/l	25.0	ND	91	65-125	12	20	
Trichlorofluoromethane	22.5	5.0	ug/l	25.0	ND	90	60-145	7	25	
1,2,3-Trichloropropane	21.6	10	ug/l	25.0	ND	86	55-135	10	30	
1,2,4-Trimethylbenzene	24.9	2.0	ug/l	25.0	ND	100	55-135	9	25	
1,3,5-Trimethylbenzene	24.8	2.0	ug/l	25.0	ND	99	70-130	9	20	
Vinyl chloride	23.4	5.0	ug/l	25.0	ND	94	45-140	8	30	
m,p-Xylenes	45.8	2.0	ug/l	50.0	ND	92	65-130	12	25	
o-Xylene	24.4	2.0	ug/l	25.0	ND	97	65-125	9	20	
1,4-Dichlorobenzene-d4	0.00	NA	ug/l	25.0			50-200			
1,4-Difluorobenzene	0.00	NA	ug/l	25.0			50-200			
Chlorobenzene-d5	0.00	NA	ug/l	25.0			50-200			
Pentafluorobenzene	0.00	NA	ug/l	25.0			50-200			
tert-Butanol-d9	0.00	NA	ug/l	200			50-200			
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*23.1*		*ug/l*	*25.0*		*92*	*80-120*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K17094-BLK1)										
Acenaphthene	ND	10	ug/l							
Acenaphthylene	ND	10	ug/l							
Aniline	ND	10	ug/l							
Anthracene	ND	10	ug/l							
Benzidine	ND	20	ug/l							
Benzo(a)anthracene	ND	10	ug/l							
Benzo(a)pyrene	ND	10	ug/l							
Benzo(b)fluoranthene	ND	10	ug/l							
Benzo(g,h,i)perylene	ND	10	ug/l							
Benzo(k)fluoranthene	ND	10	ug/l							
Benzoic acid	ND	20	ug/l							
Benzyl alcohol	ND	20	ug/l							
4-Bromophenyl phenyl ether	ND	10	ug/l							
Butyl benzyl phthalate	ND	20	ug/l							
4-Chloro-3-methylphenol	ND	20	ug/l							
4-Chloroaniline	ND	10	ug/l							
Bis(2-chloroethoxy)methane	ND	10	ug/l							
Bis(2-chloroethyl)ether	ND	10	ug/l							
Bis(2-chloroisopropyl)ether	ND	10	ug/l							
2-Chloronaphthalene	ND	10	ug/l							
2-Chlorophenol	ND	10	ug/l							
4-Chlorophenyl phenyl ether	ND	10	ug/l							
Chrysene	ND	10	ug/l							
Dibenz(a,h)anthracene	ND	20	ug/l							
Dibenzofuran	ND	10	ug/l							
Di-n-butyl phthalate	ND	20	ug/l							
1,2-Dichlorobenzene	ND	10	ug/l							
1,3-Dichlorobenzene	ND	10	ug/l							
1,4-Dichlorobenzene	ND	10	ug/l							
3,3'-Dichlorobenzidine	ND	20	ug/l							
2,4-Dichlorophenol	ND	10	ug/l							
Diethyl phthalate	ND	10	ug/l							
2,4-Dimethylphenol	ND	20	ug/l							
Dimethyl phthalate	ND	10	ug/l							
4,6-Dinitro-2-methylphenol	ND	20	ug/l							
2,4-Dinitrophenol	ND	20	ug/l							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K17094-BLK1)										
2,4-Dinitrotoluene	ND	10	ug/l							
2,6-Dinitrotoluene	ND	10	ug/l							
Di-n-octyl phthalate	ND	20	ug/l							
1,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l							
Bis(2-ethylhexyl)phthalate	ND	50	ug/l							
Fluoranthene	ND	10	ug/l							
Fluorene	ND	10	ug/l							
Hexachlorobenzene	ND	10	ug/l							
Hexachlorobutadiene	ND	10	ug/l							
Hexachlorocyclopentadiene	ND	20	ug/l							
Hexachloroethane	ND	10	ug/l							
Indeno(1,2,3-cd)pyrene	ND	20	ug/l							
Isophorone	ND	10	ug/l							
2-Methylnaphthalene	ND	10	ug/l							
2-Methylphenol	ND	10	ug/l							
4-Methylphenol	ND	10	ug/l							
Naphthalene	ND	10	ug/l							
2-Nitroaniline	ND	20	ug/l							
3-Nitroaniline	ND	20	ug/l							
4-Nitroaniline	ND	20	ug/l							
Nitrobenzene	ND	20	ug/l							
2-Nitrophenol	ND	10	ug/l							
4-Nitrophenol	ND	20	ug/l							
N-Nitroso-di-n-propylamine	ND	10	ug/l							
N-Nitrosodiphenylamine	ND	10	ug/l							
Pentachlorophenol	ND	20	ug/l							
Phenanthrene	ND	10	ug/l							
Phenol	ND	10	ug/l							
Pyrene	ND	10	ug/l							
1,2,4-Trichlorobenzene	ND	10	ug/l							
2,4,5-Trichlorophenol	ND	20	ug/l							
2,4,6-Trichlorophenol	ND	20	ug/l							
Surrogate: 2,4,6-Tribromophenol	*185*		*ug/l*	*200*		*92*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*89.5*		*ug/l*	*100*		*90*	*50-120*			
Surrogate: 2-Fluorophenol	*142*		*ug/l*	*200*		*71*	*30-120*			
Surrogate: Nitrobenzene-d5	*86.5*		*ug/l*	*100*		*86*	*45-120*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K17094-BLK1)										
Surrogate: Phenol-d6	*149*		*ug/l*	*200*		*75*	*35-120*			
Surrogate: Terphenyl-d14	*111*		*ug/l*	*100*		*111*	*50-125*			
LCS Analyzed: 11/20/2008 (8K17094-BS1)										**MNR1**
Acenaphthene	82.4	10	ug/l	100		82	60-120			
Acenaphthylene	78.0	10	ug/l	100		78	60-120			
Aniline	77.3	10	ug/l	100		77	35-120			
Anthracene	104	10	ug/l	100		104	65-120			
Benzidine	109	20	ug/l	100		109	30-160			
Benzo(a)anthracene	90.5	10	ug/l	100		90	65-120			
Benzo(a)pyrene	90.1	10	ug/l	100		90	55-130			
Benzo(b)fluoranthene	81.6	10	ug/l	100		82	55-125			
Benzo(g,h,i)perylene	112	10	ug/l	100		112	45-135			
Benzo(k)fluoranthene	93.0	10	ug/l	100		93	50-125			
Benzoic acid	65.1	20	ug/l	100		65	25-120			
Benzyl alcohol	90.0	20	ug/l	100		90	50-120			
4-Bromophenyl phenyl ether	101	10	ug/l	100		101	60-120			
Butyl benzyl phthalate	91.5	20	ug/l	100		92	55-130			
4-Chloro-3-methylphenol	89.3	20	ug/l	100		89	60-120			
4-Chloroaniline	91.8	10	ug/l	100		92	55-120			
Bis(2-chloroethoxy)methane	92.0	10	ug/l	100		92	55-120			
Bis(2-chloroethyl)ether	88.6	10	ug/l	100		89	50-120			
Bis(2-chloroisopropyl)ether	68.4	10	ug/l	100		68	45-120			
2-Chloronaphthalene	85.9	10	ug/l	100		86	60-120			
2-Chlorophenol	75.3	10	ug/l	100		75	45-120			
4-Chlorophenyl phenyl ether	93.2	10	ug/l	100		93	65-120			
Chrysene	91.7	10	ug/l	100		92	65-120			
Dibenz(a,h)anthracene	95.9	20	ug/l	100		96	50-135			
Dibenzofuran	94.1	10	ug/l	100		94	65-120			
Di-n-butyl phthalate	116	20	ug/l	100		116	60-125			
1,2-Dichlorobenzene	67.7	10	ug/l	100		68	40-120			
1,3-Dichlorobenzene	63.7	10	ug/l	100		64	35-120			
1,4-Dichlorobenzene	64.1	10	ug/l	100		64	35-120			
3,3'-Dichlorobenzidine	70.3	20	ug/l	100		70	45-135			
2,4-Dichlorophenol	90.3	10	ug/l	100		90	55-120			
Diethyl phthalate	87.6	10	ug/l	100		88	55-120			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
LCS Analyzed: 11/20/2008 (8K17094-BS1)										**MNR1**
2,4-Dimethylphenol	82.3	20	ug/l	100		82	40-120			
Dimethyl phthalate	93.4	10	ug/l	100		93	30-120			
4,6-Dinitro-2-methylphenol	90.8	20	ug/l	100		91	45-120			
2,4-Dinitrophenol	70.5	20	ug/l	100		70	40-120			
2,4-Dinitrotoluene	94.1	10	ug/l	100		94	65-120			
2,6-Dinitrotoluene	93.1	10	ug/l	100		93	65-120			
Di-n-octyl phthalate	83.9	20	ug/l	100		84	65-135			
1,2-Diphenylhydrazine/Azobenzene	81.6	20	ug/l	100		82	60-120			
Bis(2-ethylhexyl)phthalate	83.0	50	ug/l	100		83	65-130			
Fluoranthene	117	10	ug/l	100		117	60-120			
Fluorene	94.7	10	ug/l	100		95	65-120			
Hexachlorobenzene	94.6	10	ug/l	100		95	60-120			
Hexachlorobutadiene	71.2	10	ug/l	100		71	40-120			
Hexachlorocyclopentadiene	68.3	20	ug/l	100		68	25-120			
Hexachloroethane	58.2	10	ug/l	100		58	35-120			
Indeno(1,2,3-cd)pyrene	95.8	20	ug/l	100		96	45-135			
Isophorone	85.3	10	ug/l	100		85	50-120			
2-Methylnaphthalene	88.6	10	ug/l	100		89	55-120			
2-Methylphenol	82.3	10	ug/l	100		82	50-120			
4-Methylphenol	82.1	10	ug/l	100		82	50-120			
Naphthalene	77.2	10	ug/l	100		77	55-120			
2-Nitroaniline	87.7	20	ug/l	100		88	65-120			
3-Nitroaniline	89.1	20	ug/l	100		89	60-120			
4-Nitroaniline	100	20	ug/l	100		100	55-125			
Nitrobenzene	77.8	20	ug/l	100		78	55-120			
2-Nitrophenol	84.0	10	ug/l	100		84	50-120			
4-Nitrophenol	57.5	20	ug/l	100		57	45-120			
N-Nitroso-di-n-propylamine	88.8	10	ug/l	100		89	45-120			
N-Nitrosodiphenylamine	93.9	10	ug/l	100		94	60-120			
Pentachlorophenol	107	20	ug/l	100		107	50-120			
Phenanthrene	105	10	ug/l	100		105	65-120			
Phenol	66.5	10	ug/l	100		66	40-120			
Pyrene	80.0	10	ug/l	100		80	55-125			
1,2,4-Trichlorobenzene	72.5	10	ug/l	100		73	45-120			
2,4,5-Trichlorophenol	90.6	20	ug/l	100		91	55-120			
2,4,6-Trichlorophenol	84.0	20	ug/l	100		84	55-120			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
LCS Analyzed: 11/20/2008 (8K17094-BS1)										**MNR1**
Surrogate: 2,4,6-Tribromophenol	*187*		*ug/l*	*200*		*94*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*88.3*		*ug/l*	*100*		*88*	*50-120*			
Surrogate: 2-Fluorophenol	*131*		*ug/l*	*200*		*66*	*30-120*			
Surrogate: Nitrobenzene-d5	*81.3*		*ug/l*	*100*		*81*	*45-120*			
Surrogate: Phenol-d6	*138*		*ug/l*	*200*		*69*	*35-120*			
Surrogate: Terphenyl-d14	*89.9*		*ug/l*	*100*		*90*	*50-125*			
LCS Dup Analyzed: 11/19/2008 (8K17094-BSD1)										
Acenaphthene	97.4	10	ug/l	100		97	60-120	17	20	
Acenaphthylene	92.6	10	ug/l	100		93	60-120	17	20	
Aniline	81.0	10	ug/l	100		81	35-120	5	30	
Anthracene	102	10	ug/l	100		102	65-120	2	20	
Benzidine	132	20	ug/l	100		132	30-160	19	35	
Benzo(a)anthracene	103	10	ug/l	100		103	65-120	13	20	
Benzo(a)pyrene	105	10	ug/l	100		105	55-130	15	25	
Benzo(b)fluoranthene	94.8	10	ug/l	100		95	55-125	15	25	
Benzo(g,h,i)perylene	105	10	ug/l	100		105	45-135	6	25	
Benzo(k)fluoranthene	102	10	ug/l	100		102	50-125	9	20	
Benzoic acid	68.1	20	ug/l	100		68	25-120	5	30	
Benzyl alcohol	89.3	20	ug/l	100		89	50-120	1	20	
4-Bromophenyl phenyl ether	114	10	ug/l	100		114	60-120	12	25	
Butyl benzyl phthalate	97.3	20	ug/l	100		97	55-130	6	20	
4-Chloro-3-methylphenol	102	20	ug/l	100		102	60-120	13	25	
4-Chloroaniline	92.6	10	ug/l	100		93	55-120	1	25	
Bis(2-chloroethoxy)methane	89.2	10	ug/l	100		89	55-120	3	20	
Bis(2-chloroethyl)ether	84.5	10	ug/l	100		85	50-120	5	20	
Bis(2-chloroisopropyl)ether	79.1	10	ug/l	100		79	45-120	15	20	
2-Chloronaphthalene	94.6	10	ug/l	100		95	60-120	10	20	
2-Chlorophenol	82.2	10	ug/l	100		82	45-120	9	25	
4-Chlorophenyl phenyl ether	102	10	ug/l	100		102	65-120	9	20	
Chrysene	97.4	10	ug/l	100		97	65-120	6	20	
Dibenz(a,h)anthracene	107	20	ug/l	100		107	50-135	11	25	
Dibenzofuran	101	10	ug/l	100		101	65-120	7	20	
Di-n-butyl phthalate	102	20	ug/l	100		102	60-125	12	20	
1,2-Dichlorobenzene	74.3	10	ug/l	100		74	40-120	9	25	
1,3-Dichlorobenzene	68.5	10	ug/l	100		69	35-120	7	25	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
LCS Dup Analyzed: 11/19/2008 (8K17094-BSD1)										
1,4-Dichlorobenzene	69.7	10	ug/l	100		70	35-120	8	25	
3,3'-Dichlorobenzidine	115	20	ug/l	100		115	45-135	48	25	*R-7*
2,4-Dichlorophenol	96.5	10	ug/l	100		97	55-120	7	20	
Diethyl phthalate	101	10	ug/l	100		101	55-120	14	30	
2,4-Dimethylphenol	81.6	20	ug/l	100		82	40-120	1	25	
Dimethyl phthalate	102	10	ug/l	100		102	30-120	9	30	
4,6-Dinitro-2-methylphenol	105	20	ug/l	100		105	45-120	15	25	
2,4-Dinitrophenol	91.9	20	ug/l	100		92	40-120	26	25	*R-7*
2,4-Dinitrotoluene	101	10	ug/l	100		101	65-120	7	20	
2,6-Dinitrotoluene	103	10	ug/l	100		103	65-120	10	20	
Di-n-octyl phthalate	97.8	20	ug/l	100		98	65-135	15	20	
1,2-Diphenylhydrazine/Azobenzene	96.8	20	ug/l	100		97	60-120	17	25	
Bis(2-ethylhexyl)phthalate	97.7	50	ug/l	100		98	65-130	16	20	
Fluoranthene	97.1	10	ug/l	100		97	60-120	19	20	
Fluorene	96.8	10	ug/l	100		97	65-120	2	20	
Hexachlorobenzene	106	10	ug/l	100		106	60-120	12	20	
Hexachlorobutadiene	86.8	10	ug/l	100		87	40-120	20	25	
Hexachlorocyclopentadiene	103	20	ug/l	100		103	25-120	41	30	*R-7*
Hexachloroethane	68.8	10	ug/l	100		69	35-120	17	25	
Indeno(1,2,3-cd)pyrene	106	20	ug/l	100		106	45-135	10	25	
Isophorone	88.3	10	ug/l	100		88	50-120	3	20	
2-Methylnaphthalene	96.9	10	ug/l	100		97	55-120	9	20	
2-Methylphenol	84.3	10	ug/l	100		84	50-120	2	20	
4-Methylphenol	88.0	10	ug/l	100		88	50-120	7	20	
Naphthalene	85.7	10	ug/l	100		86	55-120	10	20	
2-Nitroaniline	99.1	20	ug/l	100		99	65-120	12	20	
3-Nitroaniline	96.3	20	ug/l	100		96	60-120	8	25	
4-Nitroaniline	86.5	20	ug/l	100		86	55-125	15	20	
Nitrobenzene	88.2	20	ug/l	100		88	55-120	13	25	
2-Nitrophenol	93.4	10	ug/l	100		93	50-120	11	25	
4-Nitrophenol	91.5	20	ug/l	100		92	45-120	46	30	*R-7*
N-Nitroso-di-n-propylamine	86.6	10	ug/l	100		87	45-120	2	20	
N-Nitrosodiphenylamine	105	10	ug/l	100		105	60-120	11	20	
Pentachlorophenol	93.8	20	ug/l	100		94	50-120	13	25	
Phenanthrene	97.5	10	ug/l	100		97	65-120	7	20	
Phenol	78.6	10	ug/l	100		79	40-120	17	25	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
LCS Dup Analyzed: 11/19/2008 (8K17094-BSD1)										
Pyrene	95.3	10	ug/l	100		95	55-125	17	25	
1,2,4-Trichlorobenzene	83.3	10	ug/l	100		83	45-120	14	20	
2,4,5-Trichlorophenol	110	20	ug/l	100		110	55-120	19	30	
2,4,6-Trichlorophenol	109	20	ug/l	100		109	55-120	26	30	
Surrogate: 2,4,6-Tribromophenol	*199*		*ug/l*	*200*		*100*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*95.2*		*ug/l*	*100*		*95*	*50-120*			
Surrogate: 2-Fluorophenol	*149*		*ug/l*	*200*		*75*	*30-120*			
Surrogate: Nitrobenzene-d5	*88.9*		*ug/l*	*100*		*89*	*45-120*			
Surrogate: Phenol-d6	*159*		*ug/l*	*200*		*80*	*35-120*			
Surrogate: Terphenyl-d14	*115*		*ug/l*	*100*		*115*	*50-125*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*6090*		*ug/kg*	*6670*		*91*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2250*		*ug/kg*	*3330*		*67*	*35-120*			
Surrogate: 2-Fluorophenol	*4990*		*ug/kg*	*6670*		*75*	*25-120*			
Surrogate: Nitrobenzene-d5	*2370*		*ug/kg*	*3330*		*71*	*30-120*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
Surrogate: Phenol-d6	*4950*		*ug/kg*	*6670*		*74*	*35-120*			
Surrogate: Terphenyl-d14	*2890*		*ug/kg*	*3330*		*87*	*40-135*			
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
Acenaphthene	2610	330	ug/kg	3330		78	50-120			
Acenaphthylene	2570	330	ug/kg	3330		77	50-120			
Aniline	2380	420	ug/kg	3330		71	25-120			
Anthracene	3270	330	ug/kg	3330		98	55-120			
Benzidine	2500	660	ug/kg	3330		75	20-120			
Benzo(a)anthracene	2980	330	ug/kg	3330		89	55-120			
Benzo(a)pyrene	3160	330	ug/kg	3330		95	50-125			
Benzo(b)fluoranthene	2840	330	ug/kg	3330		85	45-125			
Benzo(g,h,i)perylene	3680	330	ug/kg	3330		110	35-130			
Benzo(k)fluoranthene	3190	330	ug/kg	3330		96	45-125			
Benzoic acid	2690	830	ug/kg	3330		81	20-120			
Benzyl alcohol	2940	330	ug/kg	3330		88	35-120			
4-Bromophenyl phenyl ether	2880	330	ug/kg	3330		87	45-120			
Butyl benzyl phthalate	3750	330	ug/kg	3330		113	50-125			
4-Chloro-3-methylphenol	3360	330	ug/kg	3330		101	50-125			
4-Chloroaniline	2140	330	ug/kg	3330		64	20-120			
Bis(2-chloroethoxy)methane	2670	330	ug/kg	3330		80	45-120			
Bis(2-chloroethyl)ether	2560	170	ug/kg	3330		77	35-120			
Bis(2-chloroisopropyl)ether	2870	330	ug/kg	3330		86	40-120			
2-Chloronaphthalene	2520	330	ug/kg	3330		76	45-120			
2-Chlorophenol	2680	330	ug/kg	3330		80	40-120			
4-Chlorophenyl phenyl ether	2780	330	ug/kg	3330		84	55-120			
Chrysene	3010	330	ug/kg	3330		90	55-120			
Dibenz(a,h)anthracene	3220	420	ug/kg	3330		97	40-135			
Dibenzofuran	2850	330	ug/kg	3330		86	55-120			
Di-n-butyl phthalate	3680	330	ug/kg	3330		110	50-125			
1,2-Dichlorobenzene	2240	330	ug/kg	3330		67	40-120			
1,3-Dichlorobenzene	2010	330	ug/kg	3330		60	35-120			
1,4-Dichlorobenzene	2040	330	ug/kg	3330		61	35-120			
3,3'-Dichlorobenzidine	2330	830	ug/kg	3330		70	20-130			
2,4-Dichlorophenol	3120	330	ug/kg	3330		94	45-120			
Diethyl phthalate	2970	330	ug/kg	3330		89	50-125			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
2,4-Dimethylphenol	2950	330	ug/kg	3330		89	40-120			
Dimethyl phthalate	2850	330	ug/kg	3330		86	50-125			
4,6-Dinitro-2-methylphenol	3060	420	ug/kg	3330		92	40-120			
2,4-Dinitrophenol	2250	660	ug/kg	3330		67	25-120			
2,4-Dinitrotoluene	2990	330	ug/kg	3330		90	55-125			
2,6-Dinitrotoluene	2880	330	ug/kg	3330		86	55-125			
Di-n-octyl phthalate	3530	330	ug/kg	3330		106	50-135			
1,2-Diphenylhydrazine/Azobenzene	2940	330	ug/kg	3330		88	50-125			
Bis(2-ethylhexyl)phthalate	3520	330	ug/kg	3330		106	50-130			
Fluoranthene	3270	330	ug/kg	3330		98	55-120			
Fluorene	2800	330	ug/kg	3330		84	55-120			
Hexachlorobenzene	2610	330	ug/kg	3330		78	50-120			
Hexachlorobutadiene	2370	330	ug/kg	3330		71	40-120			
Hexachlorocyclopentadiene	2220	830	ug/kg	3330		67	30-125			
Hexachloroethane	2080	330	ug/kg	3330		62	40-120			
Indeno(1,2,3-cd)pyrene	3260	330	ug/kg	3330		98	30-135			
Isophorone	2630	330	ug/kg	3330		79	40-120			
2-Methylnaphthalene	2820	330	ug/kg	3330		85	45-120			
2-Methylphenol	2990	330	ug/kg	3330		90	40-120			
4-Methylphenol	2970	330	ug/kg	3330		89	45-120			
Naphthalene	2360	330	ug/kg	3330		71	45-120			
2-Nitroaniline	3600	330	ug/kg	3330		108	50-125			
3-Nitroaniline	2440	330	ug/kg	3330		73	35-120			
4-Nitroaniline	2990	830	ug/kg	3330		90	45-125			
Nitrobenzene	2700	330	ug/kg	3330		81	45-120			
2-Nitrophenol	2610	330	ug/kg	3330		78	45-120			
4-Nitrophenol	2930	830	ug/kg	3330		88	40-125			
N-Nitroso-di-n-propylamine	2800	250	ug/kg	3330		84	40-120			
N-Nitrosodiphenylamine	2950	330	ug/kg	3330		89	50-120			
Pentachlorophenol	2700	830	ug/kg	3330		81	40-120			
Phenanthrene	3280	330	ug/kg	3330		98	50-120			
Phenol	2700	330	ug/kg	3330		81	40-120			
Pyrene	3010	330	ug/kg	3330		90	45-125			
1,2,4-Trichlorobenzene	2350	330	ug/kg	3330		70	40-120			
2,4,5-Trichlorophenol	3040	330	ug/kg	3330		91	50-120			
2,4,6-Trichlorophenol	2820	330	ug/kg	3330		85	50-120			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
Surrogate: 2,4,6-Tribromophenol	*5760*		*ug/kg*	*6670*		*86*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2630*		*ug/kg*	*3330*		*79*	*35-120*			
Surrogate: 2-Fluorophenol	*5530*		*ug/kg*	*6670*		*83*	*25-120*			
Surrogate: Nitrobenzene-d5	*2710*		*ug/kg*	*3330*		*81*	*30-120*			
Surrogate: Phenol-d6	*5960*		*ug/kg*	*6670*		*89*	*35-120*			
Surrogate: Terphenyl-d14	*2960*		*ug/kg*	*3330*		*89*	*40-135*			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18154 Extracted: 11/18/08										
Blank Analyzed: 11/20/2008 (8K18154-BLK1)										
Acenaphthene	ND	0.050	mg/l							
Acenaphthylene	ND	0.050	mg/l							
Aniline	ND	0.050	mg/l							
Anthracene	ND	0.050	mg/l							
Benzidine	ND	0.50	mg/l							
Benzo(a)anthracene	ND	0.050	mg/l							
Benzo(a)pyrene	ND	0.050	mg/l							
Benzo(b)fluoranthene	ND	0.050	mg/l							
Benzo(g,h,i)perylene	ND	0.050	mg/l							
Benzo(k)fluoranthene	ND	0.050	mg/l							
Benzoic acid	ND	0.50	mg/l							
Benzyl alcohol	ND	0.10	mg/l							
4-Bromophenyl phenyl ether	ND	0.050	mg/l							
Butyl benzyl phthalate	ND	0.10	mg/l							
4-Chloro-3-methylphenol	ND	0.10	mg/l							
4-Chloroaniline	ND	0.050	mg/l							
Bis(2-chloroethoxy)methane	ND	0.050	mg/l							
Bis(2-chloroethyl)ether	ND	0.050	mg/l							
Bis(2-chloroisopropyl)ether	ND	0.050	mg/l							
2-Chloronaphthalene	ND	0.050	mg/l							
2-Chlorophenol	ND	0.050	mg/l							
4-Chlorophenyl phenyl ether	ND	0.050	mg/l							
Chrysene	ND	0.050	mg/l							
Dibenz(a,h)anthracene	ND	0.10	mg/l							
Dibenzofuran	ND	0.050	mg/l							
Di-n-butyl phthalate	ND	0.10	mg/l							
1,2-Dichlorobenzene	ND	0.050	mg/l							
1,3-Dichlorobenzene	ND	0.050	mg/l							
1,4-Dichlorobenzene	ND	0.050	mg/l							
3,3'-Dichlorobenzidine	ND	0.20	mg/l							
2,4-Dichlorophenol	ND	0.050	mg/l							
Diethyl phthalate	ND	0.050	mg/l							
2,4-Dimethylphenol	ND	0.10	mg/l							
Dimethyl phthalate	ND	0.050	mg/l							
4,6-Dinitro-2-methylphenol	ND	0.20	mg/l							
2,4-Dinitrophenol	ND	0.50	mg/l							

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18154 Extracted: 11/18/08										
Blank Analyzed: 11/20/2008 (8K18154-BLK1)										
2,4-Dinitrotoluene	ND	0.050	mg/l							
2,6-Dinitrotoluene	ND	0.050	mg/l							
Di-n-octyl phthalate	ND	0.20	mg/l							
1,2-Diphenylhydrazine/Azobenzene	ND	0.10	mg/l							
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/l							
Fluoranthene	ND	0.050	mg/l							
Fluorene	ND	0.050	mg/l							
Hexachlorobenzene	ND	0.050	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Hexachlorocyclopentadiene	ND	0.20	mg/l							
Hexachloroethane	ND	0.050	mg/l							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/l							
Isophorone	ND	0.050	mg/l							
2-Methylnaphthalene	ND	0.050	mg/l							
2-Methylphenol	ND	0.050	mg/l							
4-Methylphenol	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
2-Nitroaniline	ND	0.10	mg/l							
3-Nitroaniline	ND	0.10	mg/l							
4-Nitroaniline	ND	0.50	mg/l							
Nitrobenzene	ND	0.20	mg/l							
2-Nitrophenol	ND	0.050	mg/l							
4-Nitrophenol	ND	0.50	mg/l							
N-Nitroso-di-n-propylamine	ND	0.10	mg/l							
N-Nitrosodiphenylamine	ND	0.050	mg/l							
Pentachlorophenol	ND	0.20	mg/l							
Phenanthrene	ND	0.050	mg/l							
Phenol	ND	0.050	mg/l							
Pyrene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
2,4,5-Trichlorophenol	ND	0.10	mg/l							
2,4,6-Trichlorophenol	ND	0.10	mg/l							
Surrogate: 2,4,6-Tribromophenol	*1.12*		*mg/l*	*1.00*		*112*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*0.420*		*mg/l*	*0.500*		*84*	*50-120*			
Surrogate: 2-Fluorophenol	*0.760*		*mg/l*	*1.00*		*76*	*30-120*			
Surrogate: Nitrobenzene-d5	*0.400*		*mg/l*	*0.500*		*80*	*45-120*			

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18154 Extracted: 11/18/08										
Blank Analyzed: 11/20/2008 (8K18154-BLK1)										
Surrogate: Phenol-d6	*0.797*		*mg/l*	*1.00*		*80*	*35-120*			
Surrogate: Terphenyl-d14	*0.394*		*mg/l*	*0.500*		*79*	*50-125*			
LCS Analyzed: 11/20/2008 (8K18154-BS1)										
Acenaphthene	0.366	0.050	mg/l	0.500		73	60-120			
Acenaphthylene	0.365	0.050	mg/l	0.500		73	60-120			
Aniline	0.373	0.050	mg/l	0.500		75	35-120			
Anthracene	0.436	0.050	mg/l	0.500		87	65-120			
Benzidine	0.429	0.50	mg/l	0.500		86	30-160			
Benzo(a)anthracene	0.388	0.050	mg/l	0.500		78	65-120			
Benzo(a)pyrene	0.369	0.050	mg/l	0.500		74	55-130			
Benzo(b)fluoranthene	0.352	0.050	mg/l	0.500		70	55-125			
Benzo(g,h,i)perylene	0.479	0.050	mg/l	0.500		96	45-135			
Benzo(k)fluoranthene	0.380	0.050	mg/l	0.500		76	50-125			
Benzoic acid	0.360	0.50	mg/l	0.500		72	25-120			
Benzyl alcohol	0.374	0.10	mg/l	0.500		75	50-120			
4-Bromophenyl phenyl ether	0.436	0.050	mg/l	0.500		87	60-120			
Butyl benzyl phthalate	0.390	0.10	mg/l	0.500		78	55-130			
4-Chloro-3-methylphenol	0.391	0.10	mg/l	0.500		78	60-120			
4-Chloroaniline	0.394	0.050	mg/l	0.500		79	55-120			
Bis(2-chloroethoxy)methane	0.388	0.050	mg/l	0.500		78	55-120			
Bis(2-chloroethyl)ether	0.374	0.050	mg/l	0.500		75	50-120			
Bis(2-chloroisopropyl)ether	0.296	0.050	mg/l	0.500		59	45-120			
2-Chloronaphthalene	0.378	0.050	mg/l	0.500		76	60-120			
2-Chlorophenol	0.337	0.050	mg/l	0.500		67	45-120			
4-Chlorophenyl phenyl ether	0.410	0.050	mg/l	0.500		82	65-120			
Chrysene	0.394	0.050	mg/l	0.500		79	65-120			
Dibenz(a,h)anthracene	0.409	0.10	mg/l	0.500		82	50-135			
Dibenzofuran	0.388	0.050	mg/l	0.500		78	65-120			
Di-n-butyl phthalate	0.476	0.10	mg/l	0.500		95	60-125			
1,2-Dichlorobenzene	0.318	0.050	mg/l	0.500		64	40-120			
1,3-Dichlorobenzene	0.297	0.050	mg/l	0.500		59	35-120			
1,4-Dichlorobenzene	0.297	0.050	mg/l	0.500		59	35-120			
3,3'-Dichlorobenzidine	0.362	0.20	mg/l	0.500		72	45-135			
2,4-Dichlorophenol	0.411	0.050	mg/l	0.500		82	55-120			
Diethyl phthalate	0.354	0.050	mg/l	0.500		71	55-120			

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B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18154 Extracted: 11/18/08										
LCS Analyzed: 11/20/2008 (8K18154-BS1)										
2,4-Dimethylphenol	0.329	0.10	mg/l	0.500		66	40-120			
Dimethyl phthalate	0.395	0.050	mg/l	0.500		79	30-120			
4,6-Dinitro-2-methylphenol	0.385	0.20	mg/l	0.500		77	45-120			
2,4-Dinitrophenol	0.315	0.50	mg/l	0.500		63	40-120			
2,4-Dinitrotoluene	0.393	0.050	mg/l	0.500		79	65-120			
2,6-Dinitrotoluene	0.396	0.050	mg/l	0.500		79	65-120			
Di-n-octyl phthalate	0.370	0.20	mg/l	0.500		74	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.334	0.10	mg/l	0.500		67	60-120			
Bis(2-ethylhexyl)phthalate	0.348	0.25	mg/l	0.500		70	65-130			
Fluoranthene	0.494	0.050	mg/l	0.500		99	60-120			
Fluorene	0.405	0.050	mg/l	0.500		81	65-120			
Hexachlorobenzene	0.441	0.050	mg/l	0.500		88	60-120			
Hexachlorobutadiene	0.337	0.050	mg/l	0.500		67	40-120			
Hexachlorocyclopentadiene	0.272	0.20	mg/l	0.500		54	25-120			
Hexachloroethane	0.258	0.050	mg/l	0.500		52	35-120			
Indeno(1,2,3-cd)pyrene	0.408	0.10	mg/l	0.500		82	45-135			
Isophorone	0.375	0.050	mg/l	0.500		75	50-120			
2-Methylnaphthalene	0.375	0.050	mg/l	0.500		75	55-120			
2-Methylphenol	0.358	0.050	mg/l	0.500		72	50-120			
4-Methylphenol	0.360	0.050	mg/l	0.500		72	50-120			
Naphthalene	0.364	0.050	mg/l	0.500		73	55-120			
2-Nitroaniline	0.364	0.10	mg/l	0.500		73	65-120			
3-Nitroaniline	0.370	0.10	mg/l	0.500		74	60-120			
4-Nitroaniline	0.414	0.50	mg/l	0.500		83	55-125			
Nitrobenzene	0.344	0.20	mg/l	0.500		69	55-120			
2-Nitrophenol	0.386	0.050	mg/l	0.500		77	50-120			
4-Nitrophenol	0.260	0.50	mg/l	0.500		52	45-120			
N-Nitroso-di-n-propylamine	0.367	0.10	mg/l	0.500		73	45-120			
N-Nitrosodiphenylamine	0.407	0.050	mg/l	0.500		81	60-120			
Pentachlorophenol	0.427	0.20	mg/l	0.500		85	50-120			
Phenanthrene	0.433	0.050	mg/l	0.500		87	65-120			
Phenol	0.305	0.050	mg/l	0.500		61	40-120			
Pyrene	0.356	0.050	mg/l	0.500		71	55-125			
1,2,4-Trichlorobenzene	0.333	0.050	mg/l	0.500		67	45-120			
2,4,5-Trichlorophenol	0.394	0.10	mg/l	0.500		79	55-120			
2,4,6-Trichlorophenol	0.382	0.10	mg/l	0.500		76	55-120			

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Project ID: Oakland
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Report Number: IRK1414

Sampled: 11/11/08
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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18154 Extracted: 11/18/08										
LCS Analyzed: 11/20/2008 (8K18154-BS1)										
Surrogate: 2,4,6-Tribromophenol	*0.827*		*mg/l*	*1.00*		*83*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*0.385*		*mg/l*	*0.500*		*77*	*50-120*			
Surrogate: 2-Fluorophenol	*0.629*		*mg/l*	*1.00*		*63*	*30-120*			
Surrogate: Nitrobenzene-d5	*0.356*		*mg/l*	*0.500*		*71*	*45-120*			
Surrogate: Phenol-d6	*0.678*		*mg/l*	*1.00*		*68*	*35-120*			
Surrogate: Terphenyl-d14	*0.338*		*mg/l*	*0.500*		*68*	*50-125*			
Matrix Spike Analyzed: 11/20/2008 (8K18154-MS1)					**Source: IRK1414-06**					
Acenaphthene	0.437	0.10	mg/l	0.500	ND	87	60-120			
Acenaphthylene	0.446	0.10	mg/l	0.500	ND	89	60-120			
Aniline	0.349	0.10	mg/l	0.500	ND	70	35-120			
Anthracene	0.516	0.10	mg/l	0.500	ND	103	65-120			
Benzidine	ND	1.0	mg/l	0.500	ND		30-160			*M2*
Benzo(a)anthracene	0.471	0.10	mg/l	0.500	ND	94	65-120			
Benzo(a)pyrene	0.450	0.10	mg/l	0.500	ND	90	55-130			
Benzo(b)fluoranthene	0.424	0.10	mg/l	0.500	ND	85	55-125			
Benzo(g,h,i)perylene	0.590	0.10	mg/l	0.500	ND	118	45-135			
Benzo(k)fluoranthene	0.481	0.10	mg/l	0.500	ND	96	55-125			
Benzoic acid	1.46	1.0	mg/l	0.500	0.565	179	25-125			*M1*
Benzyl alcohol	2.32	0.20	mg/l	0.500	1.52	161	40-120			*M1*
4-Bromophenyl phenyl ether	0.538	0.10	mg/l	0.500	ND	108	60-120			
Butyl benzyl phthalate	0.479	0.20	mg/l	0.500	ND	96	55-130			
4-Chloro-3-methylphenol	0.496	0.20	mg/l	0.500	ND	99	60-120			
4-Chloroaniline	0.457	0.10	mg/l	0.500	ND	91	55-120			
Bis(2-chloroethoxy)methane	0.465	0.10	mg/l	0.500	ND	93	50-120			
Bis(2-chloroethyl)ether	0.458	0.10	mg/l	0.500	ND	92	50-120			
Bis(2-chloroisopropyl)ether	0.348	0.10	mg/l	0.500	ND	70	45-120			
2-Chloronaphthalene	0.443	0.10	mg/l	0.500	ND	89	60-120			
2-Chlorophenol	0.404	0.10	mg/l	0.500	ND	81	45-120			
4-Chlorophenyl phenyl ether	0.480	0.10	mg/l	0.500	ND	96	65-120			
Chrysene	0.482	0.10	mg/l	0.500	ND	96	65-120			
Dibenz(a,h)anthracene	0.492	0.20	mg/l	0.500	ND	98	45-135			
Dibenzofuran	0.476	0.10	mg/l	0.500	ND	95	65-120			
Di-n-butyl phthalate	0.576	0.20	mg/l	0.500	ND	115	60-125			
1,2-Dichlorobenzene	0.387	0.10	mg/l	0.500	ND	77	40-120			
1,3-Dichlorobenzene	0.351	0.10	mg/l	0.500	ND	70	35-120			

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18154 Extracted: 11/18/08										
Matrix Spike Analyzed: 11/20/2008 (8K18154-MS1)					**Source: IRK1414-06**					
1,4-Dichlorobenzene	0.351	0.10	mg/l	0.500	ND	70	35-120			
3,3'-Dichlorobenzidine	0.338	0.40	mg/l	0.500	ND	68	45-135			
2,4-Dichlorophenol	0.502	0.10	mg/l	0.500	ND	100	55-120			
Diethyl phthalate	0.420	0.10	mg/l	0.500	ND	84	55-120			
2,4-Dimethylphenol	0.393	0.20	mg/l	0.500	ND	79	40-120			
Dimethyl phthalate	0.489	0.10	mg/l	0.500	ND	98	30-120			
4,6-Dinitro-2-methylphenol	0.522	0.40	mg/l	0.500	ND	104	45-120			
2,4-Dinitrophenol	0.450	1.0	mg/l	0.500	ND	90	40-120			
2,4-Dinitrotoluene	0.472	0.10	mg/l	0.500	ND	94	65-120			
2,6-Dinitrotoluene	0.487	0.10	mg/l	0.500	ND	97	65-120			
Di-n-octyl phthalate	0.455	0.40	mg/l	0.500	ND	91	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.411	0.20	mg/l	0.500	ND	82	60-120			
Bis(2-ethylhexyl)phthalate	0.419	0.50	mg/l	0.500	ND	84	65-130			
Fluoranthene	0.597	0.10	mg/l	0.500	ND	119	60-120			
Fluorene	0.482	0.10	mg/l	0.500	ND	96	65-120			
Hexachlorobenzene	0.530	0.10	mg/l	0.500	ND	106	60-120			
Hexachlorobutadiene	0.383	0.10	mg/l	0.500	ND	77	40-120			
Hexachlorocyclopentadiene	0.346	0.40	mg/l	0.500	ND	69	25-120			
Hexachloroethane	0.314	0.10	mg/l	0.500	ND	63	35-120			
Indeno(1,2,3-cd)pyrene	0.500	0.20	mg/l	0.500	ND	100	40-135			
Isophorone	0.452	0.10	mg/l	0.500	ND	90	50-120			
2-Methylnaphthalene	0.450	0.10	mg/l	0.500	ND	90	55-120			
2-Methylphenol	0.442	0.10	mg/l	0.500	ND	88	50-120			
4-Methylphenol	0.455	0.10	mg/l	0.500	ND	91	50-120			
Naphthalene	0.418	0.10	mg/l	0.500	ND	84	55-120			
2-Nitroaniline	0.443	0.20	mg/l	0.500	ND	89	65-120			
3-Nitroaniline	0.430	0.20	mg/l	0.500	ND	86	60-120			
4-Nitroaniline	0.484	1.0	mg/l	0.500	ND	97	55-125			
Nitrobenzene	0.425	0.40	mg/l	0.500	ND	85	55-120			
2-Nitrophenol	0.455	0.10	mg/l	0.500	ND	91	50-120			
4-Nitrophenol	0.429	1.0	mg/l	0.500	ND	86	45-120			
N-Nitroso-di-n-propylamine	0.456	0.20	mg/l	0.500	ND	91	45-120			
N-Nitrosodiphenylamine	0.498	0.10	mg/l	0.500	ND	100	60-120			
Pentachlorophenol	0.652	0.40	mg/l	0.500	ND	130	50-120			*M1*
Phenanthrene	0.523	0.10	mg/l	0.500	ND	105	65-120			
Phenol	0.381	0.10	mg/l	0.500	ND	76	40-120			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18154 Extracted: 11/18/08										
Matrix Spike Analyzed: 11/20/2008 (8K18154-MS1)					**Source: IRK1414-06**					
Pyrene	0.432	0.10	mg/l	0.500	ND	86	55-125			
1,2,4-Trichlorobenzene	0.388	0.10	mg/l	0.500	ND	78	45-120			
2,4,5-Trichlorophenol	0.517	0.20	mg/l	0.500	ND	103	55-120			
2,4,6-Trichlorophenol	0.483	0.20	mg/l	0.500	ND	97	55-120			
Surrogate: 2,4,6-Tribromophenol	*1.04*		*mg/l*	*1.00*		*104*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*0.447*		*mg/l*	*0.500*		*89*	*50-120*			
Surrogate: 2-Fluorophenol	*0.688*		*mg/l*	*1.00*		*69*	*30-120*			
Surrogate: Nitrobenzene-d5	*0.420*		*mg/l*	*0.500*		*84*	*45-120*			
Surrogate: Phenol-d6	*0.792*		*mg/l*	*1.00*		*79*	*35-120*			
Surrogate: Terphenyl-d14	*0.402*		*mg/l*	*0.500*		*80*	*50-125*			

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Received: 11/12/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17052 Extracted: 11/17/08										
Blank Analyzed: 11/18/2008 (8K17052-BLK1)										
Aroclor 1016	ND	1.0	ug/l							
Aroclor 1221	ND	1.0	ug/l							
Aroclor 1232	ND	1.0	ug/l							
Aroclor 1242	ND	1.0	ug/l							
Aroclor 1248	ND	1.0	ug/l							
Aroclor 1254	ND	1.0	ug/l							
Aroclor 1260	ND	1.0	ug/l							
Surrogate: Decachlorobiphenyl	*0.456*		*ug/l*	*0.500*		*91*	*45-120*			
LCS Analyzed: 11/18/2008 (8K17052-BS2)										
Aroclor 1016	3.25	1.0	ug/l	4.00		81	50-115			
Aroclor 1260	3.31	1.0	ug/l	4.00		83	60-120			
Surrogate: Decachlorobiphenyl	*0.419*		*ug/l*	*0.500*		*84*	*45-120*			
Matrix Spike Analyzed: 11/18/2008 (8K17052-MS2)					**Source: IRK1498-01**					
Aroclor 1016	2.21	0.94	ug/l	3.77	ND	58	45-120			
Aroclor 1260	2.14	0.94	ug/l	3.77	ND	57	55-125			
Surrogate: Decachlorobiphenyl	*0.272*		*ug/l*	*0.472*		*58*	*45-120*			
Matrix Spike Analyzed: 11/18/2008 (8K17052-MS4)					**Source: IRK1543-02**					
Aroclor 1016	1.39	0.94	ug/l	3.77	ND	37	45-120			*M2*
Aroclor 1260	1.65	0.94	ug/l	3.77	ND	44	55-125			*M2*
Surrogate: Decachlorobiphenyl	*0.290*		*ug/l*	*0.472*		*61*	*45-120*			
Matrix Spike Dup Analyzed: 11/18/2008 (8K17052-MSD2)					**Source: IRK1498-01**					
Aroclor 1016	2.76	0.94	ug/l	3.77	ND	73	45-120	23	30	
Aroclor 1260	2.77	0.94	ug/l	3.77	ND	73	55-125	26	25	*R-2*
Surrogate: Decachlorobiphenyl	*0.376*		*ug/l*	*0.472*		*80*	*45-120*			

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9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/11/08
San Diego, CA 92108	Report Number:	IRK1414	Received: 11/12/08
Attention: George Cebula			

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17052 Extracted: 11/17/08										
Matrix Spike Dup Analyzed: 11/18/2008 (8K17052-MSD4)					**Source: IRK1543-02**					
Aroclor 1016	1.31	0.94	ug/l	3.77	ND	35	45-120	6	30	*M2*
Aroclor 1260	1.40	0.94	ug/l	3.77	ND	37	55-125	17	25	*M2*
Surrogate: Decachlorobiphenyl	*0.260*		*ug/l*	*0.472*		*55*	*45-120*			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17048 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K17048-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*29.5*		*ug/kg*	*33.3*		*88*	*45-120*			
LCS Analyzed: 11/19/2008 (8K17048-BS1)										
Aroclor 1016	247	50	ug/kg	267		93	65-115			
Aroclor 1260	238	50	ug/kg	267		89	65-115			
Surrogate: Decachlorobiphenyl	*29.5*		*ug/kg*	*33.3*		*88*	*45-120*			
Matrix Spike Analyzed: 11/19/2008 (8K17048-MS1)					**Source: IRK1164-26**					
Aroclor 1016	193	50	ug/kg	267	ND	72	50-120			
Aroclor 1260	237	50	ug/kg	267	52.4	69	50-125			
Surrogate: Decachlorobiphenyl	*26.6*		*ug/kg*	*33.3*		*80*	*45-120*			
Matrix Spike Dup Analyzed: 11/19/2008 (8K17048-MSD1)					**Source: IRK1164-26**					
Aroclor 1016	195	50	ug/kg	267	ND	73	50-120	1	30	
Aroclor 1260	243	50	ug/kg	267	52.4	71	50-125	3	30	
Surrogate: Decachlorobiphenyl	*28.6*		*ug/kg*	*33.3*		*86*	*45-120*			
Batch: 8K17050 Extracted: 11/17/08										
Blank Analyzed: 11/20/2008 (8K17050-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*29.0*		*ug/kg*	*33.3*		*87*	*45-120*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17050 Extracted: 11/17/08										
LCS Analyzed: 11/20/2008 (8K17050-BS1)										
Aroclor 1016	279	50	ug/kg	267		105	65-115			
Aroclor 1260	265	50	ug/kg	267		99	65-115			
Surrogate: Decachlorobiphenyl	*30.7*		*ug/kg*	*33.3*		*92*	*45-120*			
Matrix Spike Analyzed: 11/20/2008 (8K17050-MS1)					**Source: IRK1439-02**					
Aroclor 1016	344	50	ug/kg	266	ND	129	50-120			*M1*
Aroclor 1260	328	50	ug/kg	266	67.7	98	50-125			
Surrogate: Decachlorobiphenyl	*31.0*		*ug/kg*	*33.3*		*93*	*45-120*			
Matrix Spike Dup Analyzed: 11/20/2008 (8K17050-MSD1)					**Source: IRK1439-02**					
Aroclor 1016	326	50	ug/kg	267	ND	122	50-120	5	30	*M1*
Aroclor 1260	318	50	ug/kg	267	67.7	94	50-125	3	30	
Surrogate: Decachlorobiphenyl	*31.3*		*ug/kg*	*33.3*		*94*	*45-120*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18035 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K18035-BLK1)										
Benzene	ND	0.020	mg/l							
Bromobenzene	ND	0.050	mg/l							
Bromochloromethane	ND	0.050	mg/l							
Bromodichloromethane	ND	0.020	mg/l							
Bromoform	ND	0.050	mg/l							
Bromomethane	ND	0.050	mg/l							
2-Butanone (MEK)	ND	0.10	mg/l							
n-Butylbenzene	ND	0.050	mg/l							
tert-Butylbenzene	ND	0.050	mg/l							
sec-Butylbenzene	ND	0.050	mg/l							
Carbon tetrachloride	ND	0.050	mg/l							
Chlorobenzene	ND	0.020	mg/l							
Chloroethane	ND	0.050	mg/l							
Chloroform	ND	0.020	mg/l							
Chloromethane	ND	0.050	mg/l							
4-Chlorotoluene	ND	0.050	mg/l							
2-Chlorotoluene	ND	0.050	mg/l							
1,2-Dibromo-3-chloropropane	ND	0.050	mg/l							
Dibromochloromethane	ND	0.020	mg/l							
1,2-Dibromoethane (EDB)	ND	0.020	mg/l							
Dibromomethane	ND	0.020	mg/l							
1,2-Dichlorobenzene	ND	0.020	mg/l							
1,3-Dichlorobenzene	ND	0.020	mg/l							
1,4-Dichlorobenzene	ND	0.020	mg/l							
Dichlorodifluoromethane	ND	0.050	mg/l							
1,1-Dichloroethane	ND	0.020	mg/l							
1,2-Dichloroethane	ND	0.020	mg/l							
1,1-Dichloroethene	ND	0.050	mg/l							
cis-1,2-Dichloroethene	ND	0.020	mg/l							
trans-1,2-Dichloroethene	ND	0.020	mg/l							
1,3-Dichloropropane	ND	0.020	mg/l							
2,2-Dichloropropane	ND	0.020	mg/l							
1,2-Dichloropropane	ND	0.020	mg/l							
cis-1,3-Dichloropropene	ND	0.020	mg/l							
trans-1,3-Dichloropropene	ND	0.020	mg/l							
1,1-Dichloropropene	ND	0.020	mg/l							

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18035 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K18035-BLK1)										
Ethylbenzene	ND	0.020	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Isopropylbenzene	ND	0.020	mg/l							
p-Isopropyltoluene	ND	0.020	mg/l							
Methylene chloride	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
n-Propylbenzene	ND	0.020	mg/l							
Styrene	ND	0.020	mg/l							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/l							
1,1,2,2-Tetrachloroethane	ND	0.020	mg/l							
Tetrachloroethene	ND	0.020	mg/l							
Toluene	ND	0.020	mg/l							
1,2,3-Trichlorobenzene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
1,1,1-Trichloroethane	ND	0.020	mg/l							
1,1,2-Trichloroethane	ND	0.020	mg/l							
Trichloroethene	ND	0.020	mg/l							
Trichlorofluoromethane	ND	0.050	mg/l							
1,2,3-Trichloropropane	ND	0.10	mg/l							
1,2,4-Trimethylbenzene	ND	0.020	mg/l							
1,3,5-Trimethylbenzene	ND	0.020	mg/l							
Vinyl chloride	ND	0.050	mg/l							
m,p-Xylenes	ND	0.020	mg/l							
o-Xylene	ND	0.020	mg/l							
Surrogate: 4-Bromofluorobenzene	*0.217*		*mg/l*	*0.250*		*87*	*80-120*			
Surrogate: Dibromofluoromethane	*0.240*		*mg/l*	*0.250*		*96*	*80-120*			
Surrogate: Toluene-d8	*0.213*		*mg/l*	*0.250*		*85*	*80-120*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18035 Extracted: 11/17/08										
LCS Analyzed: 11/21/2008 (8K18035-BS1)										
Benzene	0.228	0.020	mg/l	0.250		91	70-120			
Bromobenzene	0.267	0.050	mg/l	0.250		107	75-120			
Bromochloromethane	0.248	0.050	mg/l	0.250		99	70-130			
Bromodichloromethane	0.293	0.020	mg/l	0.250		117	70-135			
Bromoform	0.266	0.050	mg/l	0.250		107	55-130			
Bromomethane	0.234	0.050	mg/l	0.250		93	65-140			
2-Butanone (MEK)	0.166	0.10	mg/l	0.250		67	40-140			
n-Butylbenzene	0.253	0.050	mg/l	0.250		101	70-130			
tert-Butylbenzene	0.270	0.050	mg/l	0.250		108	70-125			
sec-Butylbenzene	0.261	0.050	mg/l	0.250		104	70-125			
Carbon tetrachloride	0.349	0.050	mg/l	0.250		140	65-140			
Chlorobenzene	0.262	0.020	mg/l	0.250		105	75-120			
Chloroethane	0.205	0.050	mg/l	0.250		82	60-140			
Chloroform	0.245	0.020	mg/l	0.250		98	70-130			
Chloromethane	0.208	0.050	mg/l	0.250		83	50-140			
4-Chlorotoluene	0.254	0.050	mg/l	0.250		102	75-125			
2-Chlorotoluene	0.248	0.050	mg/l	0.250		99	70-125			
1,2-Dibromo-3-chloropropane	0.261	0.050	mg/l	0.250		104	50-135			
Dibromochloromethane	0.287	0.020	mg/l	0.250		115	70-140			
1,2-Dibromoethane (EDB)	0.256	0.020	mg/l	0.250		102	75-125			
Dibromomethane	0.254	0.020	mg/l	0.250		102	70-125			
1,2-Dichlorobenzene	0.276	0.020	mg/l	0.250		110	75-120			
1,3-Dichlorobenzene	0.264	0.020	mg/l	0.250		106	75-120			
1,4-Dichlorobenzene	0.255	0.020	mg/l	0.250		102	75-120			
Dichlorodifluoromethane	0.247	0.050	mg/l	0.250		99	35-155			
1,1-Dichloroethane	0.219	0.020	mg/l	0.250		88	70-125			
1,2-Dichloroethane	0.278	0.020	mg/l	0.250		111	60-140			
1,1-Dichloroethene	0.238	0.050	mg/l	0.250		95	70-125			
cis-1,2-Dichloroethene	0.220	0.020	mg/l	0.250		88	70-125			
trans-1,2-Dichloroethene	0.248	0.020	mg/l	0.250		99	70-125			
1,3-Dichloropropane	0.235	0.020	mg/l	0.250		94	70-120			
2,2-Dichloropropane	0.332	0.020	mg/l	0.250		133	65-140			
1,2-Dichloropropane	0.222	0.020	mg/l	0.250		89	70-125			
cis-1,3-Dichloropropene	0.274	0.020	mg/l	0.250		110	75-125			
trans-1,3-Dichloropropene	0.273	0.020	mg/l	0.250		109	70-125			
1,1-Dichloropropene	0.255	0.020	mg/l	0.250		102	75-130			

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Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18035 Extracted: 11/17/08										
LCS Analyzed: 11/21/2008 (8K18035-BS1)										
Ethylbenzene	0.259	0.020	mg/l	0.250		104	75-125			
Hexachlorobutadiene	0.302	0.050	mg/l	0.250		121	65-135			
Isopropylbenzene	0.295	0.020	mg/l	0.250		118	75-130			
p-Isopropyltoluene	0.270	0.020	mg/l	0.250		108	75-125			
Methylene chloride	0.208	0.050	mg/l	0.250		83	55-130			
Naphthalene	0.280	0.050	mg/l	0.250		112	55-135			
n-Propylbenzene	0.259	0.020	mg/l	0.250		104	75-130			
Styrene	0.262	0.020	mg/l	0.250		105	75-130			
1,1,1,2-Tetrachloroethane	0.310	0.050	mg/l	0.250		124	70-130			
1,1,2,2-Tetrachloroethane	0.212	0.020	mg/l	0.250		85	55-130			
Tetrachloroethene	0.277	0.020	mg/l	0.250		111	70-125			
Toluene	0.242	0.020	mg/l	0.250		97	70-120			
1,2,3-Trichlorobenzene	0.298	0.050	mg/l	0.250		119	65-125			
1,2,4-Trichlorobenzene	0.302	0.050	mg/l	0.250		121	70-135			
1,1,1-Trichloroethane	0.299	0.020	mg/l	0.250		120	65-135			
1,1,2-Trichloroethane	0.228	0.020	mg/l	0.250		91	70-125			
Trichloroethene	0.271	0.020	mg/l	0.250		108	70-125			
Trichlorofluoromethane	0.281	0.050	mg/l	0.250		112	65-145			
1,2,3-Trichloropropane	0.221	0.10	mg/l	0.250		88	60-130			
1,2,4-Trimethylbenzene	0.260	0.020	mg/l	0.250		104	75-125			
1,3,5-Trimethylbenzene	0.266	0.020	mg/l	0.250		106	75-125			
Vinyl chloride	0.230	0.050	mg/l	0.250		92	55-135			
m,p-Xylenes	0.509	0.020	mg/l	0.500		102	75-125			
Surrogate: 4-Bromofluorobenzene	*0.220*		*mg/l*	*0.250*		*88*	*80-120*			
Surrogate: Dibromofluoromethane	*0.230*		*mg/l*	*0.250*		*92*	*80-120*			
Surrogate: Toluene-d8	*0.222*		*mg/l*	*0.250*		*89*	*80-120*			
Matrix Spike Analyzed: 11/19/2008 (8K18035-MS1)					**Source: IRK1414-06**					
Benzene	0.218	0.020	mg/l	0.250	ND	87	65-125			
Bromobenzene	0.271	0.050	mg/l	0.250	ND	109	70-125			
Bromochloromethane	0.252	0.050	mg/l	0.250	ND	101	65-135			
Bromodichloromethane	0.319	0.020	mg/l	0.250	ND	128	70-135			
Bromoform	0.289	0.050	mg/l	0.250	ND	116	55-135			
Bromomethane	0.230	0.050	mg/l	0.250	ND	92	55-145			
2-Butanone (MEK)	0.185	0.10	mg/l	0.250	ND	74	30-145			
n-Butylbenzene	0.254	0.050	mg/l	0.250	0.00390	100	65-135			

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Sushmitha Reddy
Project Manager

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Received: 11/12/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18035 Extracted: 11/17/08										
Matrix Spike Analyzed: 11/19/2008 (8K18035-MS1)					**Source: IRK1414-06**					
tert-Butylbenzene	0.276	0.050	mg/l	0.250	ND	110	65-130			
sec-Butylbenzene	0.262	0.050	mg/l	0.250	ND	105	70-125			
Carbon tetrachloride	0.375	0.050	mg/l	0.250	ND	150	65-140			*M7*
Chlorobenzene	0.264	0.020	mg/l	0.250	ND	106	75-125			
Chloroethane	0.198	0.050	mg/l	0.250	ND	79	55-140			
Chloroform	0.258	0.020	mg/l	0.250	ND	103	65-135			
Chloromethane	0.202	0.050	mg/l	0.250	ND	81	45-145			
4-Chlorotoluene	0.256	0.050	mg/l	0.250	ND	102	70-135			
2-Chlorotoluene	0.251	0.050	mg/l	0.250	ND	100	65-135			
1,2-Dibromo-3-chloropropane	0.285	0.050	mg/l	0.250	ND	114	45-145			
Dibromochloromethane	0.306	0.020	mg/l	0.250	ND	123	65-140			
1,2-Dibromoethane (EDB)	0.264	0.020	mg/l	0.250	ND	106	70-130			
Dibromomethane	0.259	0.020	mg/l	0.250	ND	104	65-135			
1,2-Dichlorobenzene	0.287	0.020	mg/l	0.250	ND	115	75-125			
1,3-Dichlorobenzene	0.269	0.020	mg/l	0.250	ND	108	75-125			
1,4-Dichlorobenzene	0.261	0.020	mg/l	0.250	ND	104	75-125			
Dichlorodifluoromethane	0.303	0.050	mg/l	0.250	ND	121	25-155			
1,1-Dichloroethane	0.222	0.020	mg/l	0.250	ND	89	65-130			
1,2-Dichloroethane	0.306	0.020	mg/l	0.250	ND	122	60-140			
1,1-Dichloroethene	0.231	0.050	mg/l	0.250	ND	92	60-130			
cis-1,2-Dichloroethene	0.214	0.020	mg/l	0.250	ND	86	65-130			
trans-1,2-Dichloroethene	0.233	0.020	mg/l	0.250	ND	93	65-130			
1,3-Dichloropropane	0.240	0.020	mg/l	0.250	ND	96	65-135			
2,2-Dichloropropane	0.347	0.020	mg/l	0.250	ND	139	60-145			
1,2-Dichloropropane	0.219	0.020	mg/l	0.250	ND	88	65-130			
cis-1,3-Dichloropropene	0.280	0.020	mg/l	0.250	ND	112	70-130			
trans-1,3-Dichloropropene	0.288	0.020	mg/l	0.250	ND	115	65-135			
1,1-Dichloropropene	0.258	0.020	mg/l	0.250	ND	103	70-135			
Ethylbenzene	0.261	0.020	mg/l	0.250	0.00330	103	65-130			
Hexachlorobutadiene	0.315	0.050	mg/l	0.250	ND	126	60-135			
Isopropylbenzene	0.297	0.020	mg/l	0.250	ND	119	70-135			
p-Isopropyltoluene	0.274	0.020	mg/l	0.250	ND	110	65-130			
Methylene chloride	0.211	0.050	mg/l	0.250	0.0100	80	50-135			
Naphthalene	0.300	0.050	mg/l	0.250	0.00960	116	50-140			
n-Propylbenzene	0.257	0.020	mg/l	0.250	ND	103	70-135			
Styrene	0.265	0.020	mg/l	0.250	ND	106	50-145			

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Sushmitha Reddy
Project Manager

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Attention: George Cebula

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Report Number: IRK1414

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18035 Extracted: 11/17/08										
Matrix Spike Analyzed: 11/19/2008 (8K18035-MS1)					**Source: IRK1414-06**					
1,1,1,2-Tetrachloroethane	0.330	0.050	mg/l	0.250	ND	132	65-140			
1,1,2,2-Tetrachloroethane	0.214	0.020	mg/l	0.250	ND	86	55-135			
Tetrachloroethene	0.273	0.020	mg/l	0.250	ND	109	65-130			
Toluene	0.237	0.020	mg/l	0.250	ND	95	70-125			
1,2,3-Trichlorobenzene	0.320	0.050	mg/l	0.250	0.00770	125	60-135			
1,2,4-Trichlorobenzene	0.314	0.050	mg/l	0.250	0.00560	124	65-135			
1,1,1-Trichloroethane	0.359	0.020	mg/l	0.250	0.0304	132	65-140			
1,1,2-Trichloroethane	0.236	0.020	mg/l	0.250	ND	94	65-130			
Trichloroethene	0.528	0.020	mg/l	0.250	0.269	104	65-125			
Trichlorofluoromethane	0.307	0.050	mg/l	0.250	ND	123	60-145			
1,2,3-Trichloropropane	0.220	0.10	mg/l	0.250	ND	88	55-135			
1,2,4-Trimethylbenzene	0.269	0.020	mg/l	0.250	ND	108	55-135			
1,3,5-Trimethylbenzene	0.268	0.020	mg/l	0.250	ND	107	70-130			
Vinyl chloride	0.266	0.050	mg/l	0.250	ND	107	45-140			
m,p-Xylenes	0.507	0.020	mg/l	0.500	0.0106	99	65-130			
o-Xylene	0.266	0.020	mg/l	0.250	0.00420	105	65-125			
Surrogate: 4-Bromofluorobenzene	*0.226*		*mg/l*	*0.250*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*0.240*		*mg/l*	*0.250*		*96*	*80-120*			
Surrogate: Toluene-d8	*0.218*		*mg/l*	*0.250*		*87*	*80-120*			

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B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17130 Extracted: 11/17/08										
Blank Analyzed: 11/18/2008 (8K17130-BLK1)										
Antimony	ND	0.010	mg/l							
Arsenic	ND	0.010	mg/l							
Barium	ND	0.010	mg/l							
Beryllium	ND	0.0040	mg/l							
Cadmium	ND	0.0050	mg/l							
Chromium	ND	0.0050	mg/l							
Cobalt	ND	0.010	mg/l							
Copper	ND	0.010	mg/l							
Lead	ND	0.0050	mg/l							
Molybdenum	ND	0.020	mg/l							
Nickel	ND	0.010	mg/l							
Selenium	ND	0.010	mg/l							
Silver	ND	0.010	mg/l							
Thallium	ND	0.010	mg/l							
Vanadium	ND	0.010	mg/l							
Zinc	ND	0.020	mg/l							
LCS Analyzed: 11/18/2008 (8K17130-BS1)										
Antimony	0.993	0.010	mg/l	1.00		99	80-120			
Arsenic	0.989	0.010	mg/l	1.00		99	80-120			
Barium	1.02	0.010	mg/l	1.00		102	80-120			
Beryllium	1.01	0.0040	mg/l	1.00		101	80-120			
Cadmium	0.980	0.0050	mg/l	1.00		98	80-120			
Chromium	0.987	0.0050	mg/l	1.00		99	80-120			
Cobalt	0.982	0.010	mg/l	1.00		98	80-120			
Copper	0.993	0.010	mg/l	1.00		99	80-120			
Lead	0.994	0.0050	mg/l	1.00		99	80-120			
Molybdenum	0.958	0.020	mg/l	1.00		96	80-120			
Nickel	0.978	0.010	mg/l	1.00		98	80-120			
Selenium	0.953	0.010	mg/l	1.00		95	80-120			
Silver	0.504	0.010	mg/l	0.500		101	80-120			
Thallium	0.990	0.010	mg/l	1.00		99	80-120			
Vanadium	1.00	0.010	mg/l	1.00		100	80-120			
Zinc	0.971	0.020	mg/l	1.00		97	80-120			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17130 Extracted: 11/17/08										
Matrix Spike Analyzed: 11/18/2008 (8K17130-MS1)					**Source: IRK1067-01**					
Antimony	0.984	0.010	mg/l	1.00	ND	98	75-125			
Arsenic	0.984	0.010	mg/l	1.00	ND	98	75-125			
Barium	1.02	0.010	mg/l	1.00	ND	102	75-125			
Beryllium	1.00	0.0040	mg/l	1.00	ND	100	75-125			
Cadmium	0.975	0.0050	mg/l	1.00	ND	97	75-125			
Chromium	0.987	0.0050	mg/l	1.00	ND	99	75-125			
Cobalt	0.979	0.010	mg/l	1.00	ND	98	75-125			
Copper	0.986	0.010	mg/l	1.00	ND	99	75-125			
Lead	0.991	0.0050	mg/l	1.00	ND	99	75-125			
Molybdenum	0.952	0.020	mg/l	1.00	ND	95	75-125			
Nickel	0.975	0.010	mg/l	1.00	ND	98	75-125			
Selenium	0.957	0.010	mg/l	1.00	ND	96	75-125			
Silver	0.499	0.010	mg/l	0.500	ND	100	75-125			
Thallium	0.983	0.010	mg/l	1.00	ND	98	75-125			
Vanadium	0.992	0.010	mg/l	1.00	ND	99	75-125			
Zinc	0.963	0.020	mg/l	1.00	ND	96	75-125			
Matrix Spike Dup Analyzed: 11/18/2008 (8K17130-MSD1)					**Source: IRK1067-01**					
Antimony	1.00	0.010	mg/l	1.00	ND	100	75-125	2	20	
Arsenic	1.00	0.010	mg/l	1.00	ND	100	75-125	2	20	
Barium	1.02	0.010	mg/l	1.00	ND	102	75-125	1	20	
Beryllium	1.02	0.0040	mg/l	1.00	ND	102	75-125	2	20	
Cadmium	0.981	0.0050	mg/l	1.00	ND	98	75-125	1	20	
Chromium	0.993	0.0050	mg/l	1.00	ND	99	75-125	1	20	
Cobalt	0.981	0.010	mg/l	1.00	ND	98	75-125	0	20	
Copper	0.987	0.010	mg/l	1.00	ND	99	75-125	0	20	
Lead	1.01	0.0050	mg/l	1.00	ND	101	75-125	2	20	
Molybdenum	0.969	0.020	mg/l	1.00	ND	97	75-125	2	20	
Nickel	0.985	0.010	mg/l	1.00	ND	98	75-125	1	20	
Selenium	0.970	0.010	mg/l	1.00	ND	97	75-125	1	20	
Silver	0.506	0.010	mg/l	0.500	ND	101	75-125	1	20	
Thallium	1.00	0.010	mg/l	1.00	ND	100	75-125	2	20	
Vanadium	0.994	0.010	mg/l	1.00	ND	99	75-125	0	20	
Zinc	0.970	0.020	mg/l	1.00	ND	97	75-125	1	20	

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K20104 Extracted: 11/20/08										
Blank Analyzed: 11/20/2008 (8K20104-BLK1)										
Mercury	ND	0.00020	mg/l							
LCS Analyzed: 11/20/2008 (8K20104-BS1)										
Mercury	0.00832	0.00020	mg/l	0.00800		104	80-120			
Matrix Spike Analyzed: 11/20/2008 (8K20104-MS1)					**Source: IRK1435-03**					
Mercury	0.00813	0.00020	mg/l	0.00800	ND	102	70-130			
Matrix Spike Dup Analyzed: 11/20/2008 (8K20104-MSD1)					**Source: IRK1435-03**					
Mercury	0.00858	0.00020	mg/l	0.00800	ND	107	70-130	5	20	
Batch: 8K20126 Extracted: 11/20/08										
Blank Analyzed: 11/20/2008 (8K20126-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 11/20/2008 (8K20126-BS1)										
Mercury	0.860	0.020	mg/kg	0.800		108	80-120			
Matrix Spike Analyzed: 11/20/2008 (8K20126-MS1)					**Source: IRK1350-04**					
Mercury	0.819	0.020	mg/kg	0.800	0.0124	101	70-130			
Matrix Spike Dup Analyzed: 11/20/2008 (8K20126-MSD1)					**Source: IRK1350-04**					
Mercury	0.810	0.020	mg/kg	0.800	0.0124	100	70-130	1	20	
Batch: 8K20167 Extracted: 11/20/08										
Blank Analyzed: 11/21/2008 (8K20167-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K20167 Extracted: 11/20/08										
Blank Analyzed: 11/21/2008 (8K20167-BLK1)										
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
LCS Analyzed: 11/21/2008 (8K20167-BS1)										
Antimony	48.1	10	mg/kg	50.0		96	80-120			
Arsenic	47.6	2.0	mg/kg	50.0		95	80-120			
Barium	49.6	1.0	mg/kg	50.0		99	80-120			
Beryllium	47.9	0.50	mg/kg	50.0		96	80-120			
Cadmium	46.2	0.50	mg/kg	50.0		92	80-120			
Chromium	48.2	1.0	mg/kg	50.0		96	80-120			
Cobalt	47.2	1.0	mg/kg	50.0		94	80-120			
Copper	49.4	2.0	mg/kg	50.0		99	80-120			
Lead	48.6	2.0	mg/kg	50.0		97	80-120			
Molybdenum	46.5	2.0	mg/kg	50.0		93	80-120			
Nickel	48.4	2.0	mg/kg	50.0		97	80-120			
Selenium	45.0	2.0	mg/kg	50.0		90	80-120			
Silver	24.7	1.0	mg/kg	25.0		99	80-120			
Thallium	48.3	10	mg/kg	50.0		97	80-120			
Vanadium	48.0	1.0	mg/kg	50.0		96	80-120			
Zinc	46.0	5.0	mg/kg	50.0		92	80-120			
Matrix Spike Analyzed: 11/21/2008 (8K20167-MS1)					**Source: IRK1255-01**					
Antimony	68.1	10	mg/kg	50.0	23.3	90	75-125			
Arsenic	56.7	2.0	mg/kg	50.0	8.47	96	75-125			
Barium	234	1.0	mg/kg	50.0	186	95	75-125			
Beryllium	48.8	0.50	mg/kg	50.0	0.344	97	75-125			
Cadmium	46.7	0.50	mg/kg	50.0	0.687	92	75-125			
Chromium	78.4	1.0	mg/kg	50.0	28.0	101	75-125			
Cobalt	52.0	1.0	mg/kg	50.0	5.40	93	75-125			
Copper	207	2.0	mg/kg	50.0	141	133	75-125			*M1*
Lead	620	2.0	mg/kg	50.0	541	159	75-125			*MHA*
Molybdenum	47.5	2.0	mg/kg	50.0	0.913	93	75-125			
Nickel	61.6	2.0	mg/kg	50.0	14.0	95	75-125			
Selenium	41.8	2.0	mg/kg	50.0	ND	84	75-125			
Silver	26.6	1.0	mg/kg	25.0	ND	106	75-125			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K20167 Extracted: 11/20/08										
Matrix Spike Analyzed: 11/21/2008 (8K20167-MS1)					**Source: IRK1255-01**					
Thallium	48.3	10	mg/kg	50.0	2.87	91	75-125			
Vanadium	77.2	1.0	mg/kg	50.0	30.8	93	75-125			
Zinc	401	5.0	mg/kg	50.0	343	116	75-125			*MHA*
Matrix Spike Dup Analyzed: 11/21/2008 (8K20167-MSD1)					**Source: IRK1255-01**					
Antimony	70.3	10	mg/kg	50.0	23.3	94	75-125	3	20	
Arsenic	58.3	2.0	mg/kg	50.0	8.47	100	75-125	3	20	
Barium	246	1.0	mg/kg	50.0	186	121	75-125	5	20	
Beryllium	52.0	0.50	mg/kg	50.0	0.344	103	75-125	6	20	
Cadmium	49.0	0.50	mg/kg	50.0	0.687	97	75-125	5	20	
Chromium	84.0	1.0	mg/kg	50.0	28.0	112	75-125	7	20	
Cobalt	53.6	1.0	mg/kg	50.0	5.40	96	75-125	3	20	
Copper	266	2.0	mg/kg	50.0	141	251	75-125	25	20	*M1, R-3*
Lead	1040	2.0	mg/kg	50.0	541	990	75-125	50	20	*MHA, R-3*
Molybdenum	49.0	2.0	mg/kg	50.0	0.913	96	75-125	3	20	
Nickel	64.3	2.0	mg/kg	50.0	14.0	101	75-125	4	20	
Selenium	43.4	2.0	mg/kg	50.0	ND	87	75-125	4	20	
Silver	27.1	1.0	mg/kg	25.0	ND	108	75-125	2	20	
Thallium	50.5	10	mg/kg	50.0	2.87	95	75-125	4	20	
Vanadium	79.7	1.0	mg/kg	50.0	30.8	98	75-125	3	20	
Zinc	487	5.0	mg/kg	50.0	343	288	75-125	19	20	*MHA*

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18183 Extracted: 11/18/08										
Blank Analyzed: 11/19/2008 (8K18183-BLK1)										
Arsenic	ND	0.20	mg/l							
Barium	ND	0.20	mg/l							
Cadmium	ND	0.10	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.10	mg/l							
Silver	ND	0.20	mg/l							
LCS Analyzed: 11/19/2008 (8K18183-BS1)										
Arsenic	2.02	0.20	mg/l	2.00		101	80-120			
Barium	1.98	0.20	mg/l	2.00		99	80-120			
Cadmium	1.87	0.10	mg/l	2.00		94	80-120			
Chromium	1.94	0.10	mg/l	2.00		97	80-120			
Lead	1.92	0.10	mg/l	2.00		96	80-120			
Selenium	1.83	0.10	mg/l	2.00		92	80-120			
Silver	0.977	0.20	mg/l	1.00		98	80-120			
Matrix Spike Analyzed: 11/19/2008 (8K18183-MS1)					**Source: IRJ2918-01**					
Arsenic	1.95	0.20	mg/l	2.00	ND	98	75-125			
Barium	3.05	0.20	mg/l	2.00	1.06	99	75-125			
Cadmium	1.88	0.10	mg/l	2.00	ND	94	75-125			
Chromium	1.96	0.10	mg/l	2.00	ND	98	75-125			
Lead	3.73	0.10	mg/l	2.00	1.78	98	75-125			
Selenium	1.91	0.10	mg/l	2.00	ND	95	75-125			
Silver	1.00	0.20	mg/l	1.00	ND	100	75-125			
Batch: 8K21070 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21070-BLK1)										
Mercury	ND	0.0020	mg/l							

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21070 Extracted: 11/21/08										
LCS Analyzed: 11/21/2008 (8K21070-BS1)										
Mercury	0.0826	0.0020	mg/l	0.0800		103	80-120			
Matrix Spike Analyzed: 11/21/2008 (8K21070-MS1)					**Source: IRK1342-01**					
Mercury	0.0824	0.0020	mg/l	0.0800	ND	103	70-130			
Matrix Spike Dup Analyzed: 11/21/2008 (8K21070-MSD1)					**Source: IRK1342-01**					
Mercury	0.0825	0.0020	mg/l	0.0800	ND	103	70-130	0	20	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K14105 Extracted: 11/14/08										
Duplicate Analyzed: 11/14/2008 (8K14105-DUP1)					**Source: IRK1548-01**					
pH	8.54	0.100	pH Units		8.57			0	5	

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID: Oakland	
9095 Rio San Diego Dr, Suite 240	B0031045.0003	Sampled: 11/11/08
San Diego, CA 92108	Report Number: IRK1414	Received: 11/12/08
Attention: George Cebula		

DATA QUALIFIERS AND DEFINITIONS

A-01	Sample result might be biased high due to coelution of Aroclors 1242 and 1260. The data was reprocessed in a different way as the calibration 3 peaks were used in the primary and confirmation columns.
A-01a	Sample result might be biased high due to coelution of Aroclors 1242, 1254 and 1260.
A-01b	Sample result might be biased high due to coelution of Aroclors 1242, 1254 and 1260. The data was reprocessed in a different way as the calibration 4 peaks were used in the primary and confirmation columns.
A-01c	Sample result might be biased high due to coelution of Aroclors 1248 and 1260. The data was reprocessed in a different way as the calibration 3 peaks were used in the primary and confirmation columns.
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
R-2	The RPD exceeded the acceptance limit.
R-3	The RPD exceeded the acceptance limit due to sample matrix effects.
R-7	LFB/LFBD RPD exceeded the acceptance limit. Recovery met acceptance criteria.
RL1	Reporting limit raised due to sample matrix effects.
RL2	Reporting limit raised due to high concentrations of hydrocarbons.
RL3	Reporting limit raised due to high concentrations of non-target analytes.
RL7	Sample required dilution due to high concentrations of target analyte.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
Z5	Due to sample matrix effects, the surrogate recovery was outside acceptance limits. Secondary surrogate recovery was within the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

TestAmerica Irvine

Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID: Oakland	
9095 Rio San Diego Dr, Suite 240	B0031045.0003	Sampled: 11/11/08
San Diego, CA 92108	Report Number: IRK1414	Received: 11/12/08
Attention: George Cebula		

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1414

Sampled: 11/11/08
Received: 11/12/08

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
6010B-TCLP	Solid	X	X
7470A-TCLP	Solid	X	X
8260B-TCLP	Solid	X	X
EPA 1311-Met	Solid	X	X
EPA 1311-SV	Solid	X	X
EPA 1311-ZHE	Solid	X	X
EPA 6010B	Solid	X	X
EPA 6010B	Water	X	X
EPA 7470A	Water	X	X
EPA 7471A	Solid	X	X
EPA 8082	Solid	X	X
EPA 8082	Water	X	X
EPA 8260B	Solid	X	X
EPA 8260B	Water	X	X
EPA 8270C	Solid	X	X
EPA 8270C	Water	X	X
EPA 9045C	Solid	X	X
SW846 7.1.2	Solid		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

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Project Manager

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

IRK1414

TAL-0013(1007)

Client Name/Address: ARCADIS, 9095 Rio San Diego Dr. Suite 240, San Diego, CA 92108

Project/PO Number: B0031045.0003

Project Manager: George Cebula

Phone Number: (619) 291-7800 x24

Sampler: Dennis Wesselhoft

Fax Number: (619) 291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	TCLP Metals 1311/6010/7470	TCLP VOCs 1311/8260	TCLP SVOCs 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC Metals, VOCs, SVOCs	Total VOCs		Special Instructions
TRIPBLANK 11/11/08	H_2O	40mL VOA	2	11/11/08	0903	HCl								X		
1BH-WW-CP-015	Bulk	4oz Glass	1	11/11/08	0903	None	X									
1BH-CF-CP-016	Bulk	4oz Glass	1	11/11/08	0912	None	X									
1BH-BW-CP-017	Bulk	4oz Glass	1	11/11/08	0926	None	X									
1BH-CF-CP-018	Bulk	4oz glass	1	11/11/08	0933	NONE	X									
1BH-CF-CHWP-019	Bulk	9oz glass 4oz glass	3/1	11/11/08	1011	None	X	X	X	X	X	X	X			
1BH-BW-CHWP-020	Bulk	9oz glass 4oz glass	3/1	11/11/08	1051	None	X	X	X	X	X	X	X			
1BH-CF-CP-021	Bulk	4oz glass	1	11/11/08	1304	NONE	X									
1BH-CF-CP-022	Bulk	4oz glass	1	11/11/08	1311	NONE	X									
1BH-BW-CP-023	Bulk	4oz glass	1	11/11/08	1319	NONE	X									
1BH-CF-CHWP-024	Bulk	9oz glass 4oz glass	3/1	11/11/08	1359	None	X	X	X	X	X	X	X			11/14/08 8:00 g
1BH-BW-CHWP-025	Bulk	9oz glass 4oz glass	3/1	11/11/08	1449	NONE	X	X	X	X	X	X	X			
1BH-CF-CP-026	Bulk	4oz glass	1	11/11/08	1504	NONE	X									
1BH-CF-CP-027	Bulk	4oz glass	1	11/11/08	1514	NONE	X									

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/11/08 1540	Gerald Naylor	11-11-08 15:40	same day ____ 72 hours ____
Relinquished By: Gerald Naylor	11-11-08 16:00	Received By:	Date/Time:	24 hours ____ 5 days ____
				48 hours ____ normal ____
Relinquished By:	Date/Time:	Received in Lab By: [signature]	Date/Time: 11/12/08 11:00	Sample Integrity: (Check) intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

CS 63/55

#129

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CHAIN OF CUSTODY FORM

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

Client Name/Address: ARCADIS 9095 Rio San Diego Dr. Suite 240

Project/PO Number: B0031045.0003

Project Manager: George Cebula

Phone Number: 619-291-7800 x24

Sampler: Dennis Wesselhoft

Fax Number: 619-291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCBs 8082	TTLC Metals	TTLC VOCs	TTLC SVOCs						Special Instructions
IBH-BW-CP-028	Bulk	4oz Glass	1	11/11/08	1527	NONE	X									
EQUIPBLANK-HDB-002	H_2O	2L Amber, 500mL Plast, 40mL VOA	2/1/3	11/11/08	1537	None/ HNO_3/HCl	X	X	X	X						

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/11/08 1540	[signature]	11-11-08 15:40	same day ____ 72 hours ____
[signature]	11-11-08 16:00	Received By:	Date/Time:	24 hours ____ 5 days ____
				48 hours ____ normal ____
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)
		[signature]	11/12/08 11:00	intact ✓ on ice ✓

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CS 6.3/5.5

#129

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LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.0003

Sampled: 11/12/08
Received: 11/13/08
Issued: 12/16/08 19:02

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

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This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

ADDITIONAL INFORMATION: Report amended to add in STLC metals per client's request.

LABORATORY ID	CLIENT ID	MATRIX
IRK1439-01	Trip Blank 11/12/08	Water
IRK1439-02	B8-CW-CP-008	Solid
IRK1439-03	B8-CW-CHWP-009	Solid
IRK1439-04	B8-CF-CHWP-010	Solid
IRK1439-05	B8-CF-CHWP-010 DUP	Solid
IRK1439-06	IB1-BW-CHWP-029	Solid
IRK1439-07	IB1-BW-CP-031	Solid
IRK1439-08	IB2-BW-CHWP-032	Solid
IRK1439-09	B2-BW-CHWP-014	Solid
IRK1439-10	B2-BW-CP-015	Solid
IRK1439-11	B2-CF-CP-016	Solid
IRK1439-12	B2-BW-CP-017	Solid

Reviewed By:

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-01 (Trip Blank 11/12/08 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Bromoform	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
Bromomethane	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Chloroethane	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
Chloroform	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Chloromethane	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
Naphthalene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	

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Project Manager

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-01 (Trip Blank 11/12/08 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Styrene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Toluene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K18022	10	ND	1	11/18/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K18022	5.0	ND	1	11/18/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
o-Xylene	EPA 8260B	8K18022	2.0	ND	1	11/18/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*88 %*				
Surrogate: Dibromofluoromethane (80-120%)				*89 %*				
Surrogate: Toluene-d8 (80-120%)				*89 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)								**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	99.7	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	99.7	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	

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Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid) - cont.								**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	C
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	99.7	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	99.7	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	ND	99.7	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*93 %*				
Surrogate: Dibromofluoromethane (55-140%)				*84 %*				
Surrogate: Toluene-d8 (60-140%)				*97 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	99.6	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	**370**	99.6	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	99.6	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	C
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	99.6	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	99.6	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	**170**	99.6	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	99.6	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	**1400**	99.6	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	**240**	99.6	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*92 %*				
Surrogate: Dibromofluoromethane (55-140%)				*67 %*				
Surrogate: Toluene-d8 (60-140%)				*91 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	100	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	**220**	100	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	100	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	

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Sampled: 11/12/08
Received: 11/13/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	C
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	100	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	**110**	100	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	**830**	100	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	**140**	100	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*90 %*				
Surrogate: Dibromofluoromethane (55-140%)				*62 %*				
Surrogate: Toluene-d8 (60-140%)				*87 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)								**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Bromobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromochloromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromodichloromethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Bromoform	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Bromomethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
n-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
sec-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
tert-Butylbenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Carbon tetrachloride	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chloroethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Chloroform	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Chloromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
2-Chlorotoluene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
4-Chlorotoluene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Dibromochloromethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Dibromomethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Dichlorodifluoromethane	EPA 8260B	8K17014	200	ND	100	11/17/2008	11/18/2008	
1,1-Dichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1-Dichloroethene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
2,2-Dichloropropane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1-Dichloropropene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Ethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Hexachlorobutadiene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
Isopropylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
p-Isopropyltoluene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Methylene chloride	EPA 8260B	8K17014	1000	ND	100	11/17/2008	11/18/2008	
Naphthalene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid) - cont.								**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Styrene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Tetrachloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Toluene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,1,1-Trichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,1,2-Trichloroethane	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Trichloroethene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Trichlorofluoromethane	EPA 8260B	8K17014	250	ND	100	11/17/2008	11/18/2008	
1,2,3-Trichloropropane	EPA 8260B	8K17014	500	ND	100	11/17/2008	11/18/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Vinyl chloride	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
m,p-Xylenes	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
o-Xylene	EPA 8260B	8K17014	100	ND	100	11/17/2008	11/18/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*75 %*				
Surrogate: Dibromofluoromethane (55-140%)				*75 %*				
Surrogate: Toluene-d8 (60-140%)				*71 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)								**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Bromobenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Bromochloromethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Bromodichloromethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Bromoform	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Bromomethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
n-Butylbenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
sec-Butylbenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
tert-Butylbenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Carbon tetrachloride	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Chlorobenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Chloroethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Chloroform	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Chloromethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
2-Chlorotoluene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
4-Chlorotoluene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Dibromochloromethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Dibromomethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Dichlorodifluoromethane	EPA 8260B	8K18028	210	ND	104	11/18/2008	11/19/2008	
1,1-Dichloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2-Dichloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,1-Dichloroethene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2-Dichloropropane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,3-Dichloropropane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
2,2-Dichloropropane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,1-Dichloropropene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Ethylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Isopropylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
p-Isopropyltoluene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Methylene chloride	EPA 8260B	8K18028	1000	ND	104	11/18/2008	11/19/2008	
Naphthalene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid) - cont.								**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Styrene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Tetrachloroethene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Toluene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,1,1-Trichloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,1,2-Trichloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Trichloroethene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Trichlorofluoromethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,2,3-Trichloropropane	EPA 8260B	8K18028	520	ND	104	11/18/2008	11/19/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Vinyl chloride	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
m,p-Xylenes	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
o-Xylene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*93 %*				
Surrogate: Dibromofluoromethane (55-140%)				*95 %*				
Surrogate: Toluene-d8 (60-140%)				*97 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)								**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Bromobenzene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
Bromochloromethane	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
Bromodichloromethane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Bromoform	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
Bromomethane	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
n-Butylbenzene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
sec-Butylbenzene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
tert-Butylbenzene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
Carbon tetrachloride	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Chlorobenzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Chloroethane	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
Chloroform	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Chloromethane	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
2-Chlorotoluene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
4-Chlorotoluene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
Dibromochloromethane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Dibromomethane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Dichlorodifluoromethane	EPA 8260B	8K18028	200	ND	98	11/18/2008	11/19/2008	
1,1-Dichloroethane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,2-Dichloroethane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,1-Dichloroethene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,2-Dichloropropane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,3-Dichloropropane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
2,2-Dichloropropane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,1-Dichloropropene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Ethylbenzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
Isopropylbenzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
p-Isopropyltoluene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Methylene chloride	EPA 8260B	8K18028	980	ND	98	11/18/2008	11/19/2008	
Naphthalene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid) - cont.								**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Styrene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Tetrachloroethene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Toluene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
1,1,1-Trichloroethane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,1,2-Trichloroethane	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Trichloroethene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Trichlorofluoromethane	EPA 8260B	8K18028	250	ND	98	11/18/2008	11/19/2008	
1,2,3-Trichloropropane	EPA 8260B	8K18028	490	ND	98	11/18/2008	11/19/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Vinyl chloride	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
m,p-Xylenes	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
o-Xylene	EPA 8260B	8K18028	98	ND	98	11/18/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*93 %*				
Surrogate: Dibromofluoromethane (55-140%)				*97 %*				
Surrogate: Toluene-d8 (60-140%)				*98 %*				

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Project Manager

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Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)								**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Aniline	EPA 8270C	8K18092	10000	ND	25	11/18/2008	11/18/2008	
Anthracene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzidine	EPA 8270C	8K18092	16000	ND	25	11/18/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	4200	ND	25	11/18/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Chrysene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	10000	ND	25	11/18/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	10000	ND	25	11/18/2008	11/18/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	16000	ND	25	11/18/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	

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Sampled: 11/12/08
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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid) - cont.								**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Fluorene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Isophorone	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Naphthalene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	6200	ND	25	11/18/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Phenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Pyrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*62 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*72 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*67 %*				*Z3*

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)								**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Aniline	EPA 8270C	8K18092	2100	ND	4.99	11/18/2008	11/18/2008	
Anthracene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Benzidine	EPA 8270C	8K18092	3300	ND	4.99	11/18/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K18092	4200	ND	4.99	11/18/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	830	ND	4.99	11/18/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Chrysene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	2100	ND	4.99	11/18/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	4200	ND	4.99	11/18/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	2100	ND	4.99	11/18/2008	11/18/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	3300	ND	4.99	11/18/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	

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Project Manager

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid) - cont.								**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Fluorene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	4200	ND	4.99	11/18/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Isophorone	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Naphthalene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K18092	4200	ND	4.99	11/18/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K18092	4200	ND	4.99	11/18/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	1200	ND	4.99	11/18/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K18092	4200	ND	4.99	11/18/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Phenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Pyrene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	1700	ND	4.99	11/18/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*66 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*58 %*				
Surrogate: 2-Fluorophenol (25-120%)				*35 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*65 %*				
Surrogate: Phenol-d6 (35-120%)				*60 %*				
Surrogate: Terphenyl-d14 (40-135%)				*65 %*				

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Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)								**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Aniline	EPA 8270C	8K18092	10000	ND	25	11/18/2008	11/18/2008	
Anthracene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzidine	EPA 8270C	8K18092	16000	ND	25	11/18/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	4200	ND	25	11/18/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Chrysene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	10000	ND	25	11/18/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	10000	ND	25	11/18/2008	11/18/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	16000	ND	25	11/18/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid) - cont.								**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Fluorene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Isophorone	EPA 8270C	8K18092	8300	**10000**	25	11/18/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Naphthalene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	6200	ND	25	11/18/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Phenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Pyrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*60 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*59 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*57 %*				*Z3*

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Project Manager

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Acenaphthylene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Aniline	EPA 8270C	8K18092	420	ND	0.999	11/18/2008	11/19/2008	
Anthracene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Benzidine	EPA 8270C	8K18092	660	ND	0.999	11/18/2008	11/19/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Benzoic acid	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/19/2008	
Benzyl alcohol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	330	**540**	0.999	11/18/2008	11/19/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
4-Chloroaniline	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	170	ND	0.999	11/18/2008	11/19/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2-Chlorophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Chrysene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	420	ND	0.999	11/18/2008	11/19/2008	
Dibenzofuran	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/19/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Diethyl phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Dimethyl phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	420	ND	0.999	11/18/2008	11/19/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	660	ND	0.999	11/18/2008	11/19/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	

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Project Manager

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Fluorene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Hexachlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/19/2008	
Hexachloroethane	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Isophorone	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2-Methylphenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
4-Methylphenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Naphthalene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2-Nitroaniline	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
3-Nitroaniline	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
4-Nitroaniline	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/19/2008	
Nitrobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2-Nitrophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
4-Nitrophenol	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/19/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	250	ND	0.999	11/18/2008	11/19/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Pentachlorophenol	EPA 8270C	8K18092	830	ND	0.999	11/18/2008	11/19/2008	
Phenanthrene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Phenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Pyrene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	330	ND	0.999	11/18/2008	11/19/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*20 %*				*Z*
Surrogate: 2-Fluorobiphenyl (35-120%)				*80 %*				
Surrogate: 2-Fluorophenol (25-120%)				*58 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*68 %*				
Surrogate: Phenol-d6 (35-120%)				*66 %*				
Surrogate: Terphenyl-d14 (40-135%)				*95 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Acenaphthylene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Aniline	EPA 8270C	8K18092	420	ND	1	11/18/2008	11/19/2008	
Anthracene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzidine	EPA 8270C	8K18092	660	ND	1	11/18/2008	11/19/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzoic acid	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Benzyl alcohol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	330	**580**	1	11/18/2008	11/19/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Chloroaniline	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	170	ND	1	11/18/2008	11/19/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Chlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Chrysene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	420	ND	1	11/18/2008	11/19/2008	
Dibenzofuran	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	330	**620**	1	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Diethyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Dimethyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	420	ND	1	11/18/2008	11/19/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	660	ND	1	11/18/2008	11/19/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Fluorene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Hexachlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Hexachloroethane	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Isophorone	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Methylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Methylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Naphthalene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Nitroaniline	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
3-Nitroaniline	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Nitroaniline	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Nitrobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Nitrophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Nitrophenol	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	250	ND	1	11/18/2008	11/19/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Pentachlorophenol	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Phenanthrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Phenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Pyrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*7 %*				*Z*
Surrogate: 2-Fluorobiphenyl (35-120%)				*81 %*				
Surrogate: 2-Fluorophenol (25-120%)				*63 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*74 %*				
Surrogate: Phenol-d6 (35-120%)				*72 %*				
Surrogate: Terphenyl-d14 (40-135%)				*90 %*				

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Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Acenaphthylene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Aniline	EPA 8270C	8K18092	420	ND	1	11/18/2008	11/19/2008	
Anthracene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzidine	EPA 8270C	8K18092	660	ND	1	11/18/2008	11/19/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzoic acid	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Benzyl alcohol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Chloroaniline	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	170	ND	1	11/18/2008	11/19/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Chlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Chrysene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	420	ND	1	11/18/2008	11/19/2008	
Dibenzofuran	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Diethyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Dimethyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	420	ND	1	11/18/2008	11/19/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	660	ND	1	11/18/2008	11/19/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid) - cont.								
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Fluorene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Hexachlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Hexachloroethane	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Isophorone	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Methylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Methylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Naphthalene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Nitroaniline	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
3-Nitroaniline	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Nitroaniline	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Nitrobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Nitrophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Nitrophenol	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	250	ND	1	11/18/2008	11/19/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Pentachlorophenol	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Phenanthrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Phenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Pyrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*91 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*82 %*				
Surrogate: 2-Fluorophenol (25-120%)				*67 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*75 %*				
Surrogate: Phenol-d6 (35-120%)				*70 %*				
Surrogate: Terphenyl-d14 (40-135%)				*107 %*				

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-02 (B8-CW-CP-008 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	M1
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	**71**	1	11/17/2008	11/20/2008	A-01a
Aroclor 1260	EPA 8082	8K17050	50	**68**	1	11/17/2008	11/20/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*89 %*				
Sample ID: IRK1439-02RE1 (B8-CW-CP-008 - Solid)								**BQC1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K25072	50	ND	1	11/17/2008	11/24/2008	
Aroclor 1221	EPA 8082	8K25072	50	ND	1	11/17/2008	11/24/2008	
Aroclor 1232	EPA 8082	8K25072	50	ND	1	11/17/2008	11/24/2008	
Aroclor 1242	EPA 8082	8K25072	50	ND	1	11/17/2008	11/24/2008	
Aroclor 1248	EPA 8082	8K25072	50	ND	1	11/17/2008	11/24/2008	
Aroclor 1254	EPA 8082	8K25072	50	ND	1	11/17/2008	11/24/2008	
Aroclor 1260	EPA 8082	8K25072	50	ND	1	11/17/2008	11/24/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*50 %*				
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	**68**	1	11/17/2008	11/20/2008	A-01a
Aroclor 1260	EPA 8082	8K17050	50	**80**	1	11/17/2008	11/20/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*96 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	**53**	1	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*74 %*				
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	**94**	0.998	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*96 %*				
Sample ID: IRK1439-05RE1 (B8-CF-CHWP-010 DUP - Solid)								
Reporting Units: ug/kg								
Aroclor 1254	EPA 8082	8K17050	500	**2400**	9.98	11/17/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*89 %*				*Z3*
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	ND	0.999	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	**310**	0.999	11/17/2008	11/20/2008	A-01
Surrogate: Decachlorobiphenyl (45-120%)				*96 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-07 (IB1-BW-CP-031 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	**60**	1	11/17/2008	11/20/2008	A-01a
Aroclor 1260	EPA 8082	8K17050	50	**65**	1	11/17/2008	11/20/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*94 %*				
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	**71**	1	11/17/2008	11/20/2008	A-01b
Aroclor 1260	EPA 8082	8K17050	50	**120**	1	11/17/2008	11/20/2008	A-01a
Surrogate: Decachlorobiphenyl (45-120%)				*90 %*				
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	ND	0.998	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	**170**	0.998	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*99 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-10 (B2-BW-CP-015 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	**320**	1	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*96 %*				
Sample ID: IRK1439-11 (B2-CF-CP-016 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*89 %*				
Sample ID: IRK1439-11RE1 (B2-CF-CP-016 - Solid)								
Reporting Units: ug/kg								
Aroclor 1260	EPA 8082	8K17050	2500	**4100**	50	11/17/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*97 %*				*Z3*
Sample ID: IRK1439-12 (B2-BW-CP-017 - Solid)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K17050	50	ND	1	11/17/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K17050	50	**190**	1	11/17/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*97 %*				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	**0.026**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Arsenic	EPA 6010B	8K21127	2.0	**6.1**	1	11/21/2008	11/22/2008	
Barium	EPA 6010B	8K21127	1.0	**160**	1	11/21/2008	11/22/2008	
Beryllium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Cadmium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Chromium	EPA 6010B	8K21127	1.0	**46**	1	11/21/2008	11/22/2008	
Cobalt	EPA 6010B	8K21127	1.0	**5.6**	1	11/21/2008	11/22/2008	
Copper	EPA 6010B	8K21127	2.0	**34**	1	11/21/2008	11/22/2008	
Lead	EPA 6010B	8K21127	2.0	**3.2**	1	11/21/2008	11/22/2008	
Molybdenum	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Nickel	EPA 6010B	8K21127	2.0	**37**	1	11/21/2008	11/22/2008	
Selenium	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Silver	EPA 6010B	8K21127	1.0	ND	1	11/21/2008	11/22/2008	
Thallium	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Vanadium	EPA 6010B	8K21127	1.0	**33**	1	11/21/2008	11/22/2008	
Zinc	EPA 6010B	8K21127	5.0	**38**	1	11/21/2008	11/22/2008	
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	**0.045**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Arsenic	EPA 6010B	8K21127	2.0	**3.8**	1	11/21/2008	11/22/2008	
Barium	EPA 6010B	8K21127	1.0	**230**	1	11/21/2008	11/22/2008	
Beryllium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Cadmium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Chromium	EPA 6010B	8K21127	1.0	**53**	1	11/21/2008	11/22/2008	
Cobalt	EPA 6010B	8K21127	1.0	**7.5**	1	11/21/2008	11/22/2008	
Copper	EPA 6010B	8K21127	2.0	**21**	1	11/21/2008	11/22/2008	
Lead	EPA 6010B	8K21127	2.0	**4.7**	1	11/21/2008	11/22/2008	
Molybdenum	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Nickel	EPA 6010B	8K21127	2.0	**47**	1	11/21/2008	11/22/2008	
Selenium	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Silver	EPA 6010B	8K21127	1.0	ND	1	11/21/2008	11/22/2008	
Thallium	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Vanadium	EPA 6010B	8K21127	1.0	**48**	1	11/21/2008	11/22/2008	
Zinc	EPA 6010B	8K21127	5.0	**37**	1	11/21/2008	11/22/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	**0.034**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Arsenic	EPA 6010B	8K21127	2.0	**4.4**	1	11/21/2008	11/22/2008	
Barium	EPA 6010B	8K21127	1.0	**340**	1	11/21/2008	11/22/2008	
Beryllium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Cadmium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Chromium	EPA 6010B	8K21127	1.0	**56**	1	11/21/2008	11/22/2008	
Cobalt	EPA 6010B	8K21127	1.0	**6.9**	1	11/21/2008	11/22/2008	
Copper	EPA 6010B	8K21127	2.0	**25**	1	11/21/2008	11/22/2008	
Lead	EPA 6010B	8K21127	2.0	**4.6**	1	11/21/2008	11/22/2008	
Molybdenum	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Nickel	EPA 6010B	8K21127	2.0	**43**	1	11/21/2008	11/22/2008	
Selenium	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Silver	EPA 6010B	8K21127	1.0	ND	1	11/21/2008	11/22/2008	
Thallium	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Vanadium	EPA 6010B	8K21127	1.0	**55**	1	11/21/2008	11/22/2008	
Zinc	EPA 6010B	8K21127	5.0	**36**	1	11/21/2008	11/22/2008	
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	**0.34**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Arsenic	EPA 6010B	8K21127	2.0	**2.9**	1	11/21/2008	11/22/2008	
Barium	EPA 6010B	8K21127	1.0	**290**	1	11/21/2008	11/22/2008	
Beryllium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Cadmium	EPA 6010B	8K21127	0.50	**0.76**	1	11/21/2008	11/22/2008	
Chromium	EPA 6010B	8K21127	1.0	**36**	1	11/21/2008	11/22/2008	
Cobalt	EPA 6010B	8K21127	1.0	**3.2**	1	11/21/2008	11/22/2008	
Copper	EPA 6010B	8K21127	2.0	**6.0**	1	11/21/2008	11/22/2008	
Lead	EPA 6010B	8K21127	2.0	**86**	1	11/21/2008	11/22/2008	
Molybdenum	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Nickel	EPA 6010B	8K21127	2.0	**17**	1	11/21/2008	11/22/2008	
Selenium	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Silver	EPA 6010B	8K21127	1.0	ND	1	11/21/2008	11/22/2008	
Thallium	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Vanadium	EPA 6010B	8K21127	1.0	**21**	1	11/21/2008	11/22/2008	
Zinc	EPA 6010B	8K21127	5.0	**180**	1	11/21/2008	11/22/2008	

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Received: 11/13/08

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	**0.030**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Arsenic	EPA 6010B	8K21127	2.0	**2.3**	1	11/21/2008	11/22/2008	
Barium	EPA 6010B	8K21127	1.0	**460**	1	11/21/2008	11/22/2008	
Beryllium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Cadmium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Chromium	EPA 6010B	8K21127	1.0	**18**	1	11/21/2008	11/22/2008	
Cobalt	EPA 6010B	8K21127	1.0	**2.6**	1	11/21/2008	11/22/2008	
Copper	EPA 6010B	8K21127	2.0	**4.2**	1	11/21/2008	11/22/2008	
Lead	EPA 6010B	8K21127	2.0	**120**	1	11/21/2008	11/22/2008	
Molybdenum	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Nickel	EPA 6010B	8K21127	2.0	**10**	1	11/21/2008	11/22/2008	
Selenium	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Silver	EPA 6010B	8K21127	1.0	ND	1	11/21/2008	11/22/2008	
Thallium	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Vanadium	EPA 6010B	8K21127	1.0	**14**	1	11/21/2008	11/22/2008	
Zinc	EPA 6010B	8K21127	5.0	**330**	1	11/21/2008	11/22/2008	
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)								
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20126	0.020	**0.11**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Arsenic	EPA 6010B	8K21127	2.0	**6.9**	1	11/21/2008	11/22/2008	
Barium	EPA 6010B	8K21127	1.0	**230**	1	11/21/2008	11/22/2008	
Beryllium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Cadmium	EPA 6010B	8K21127	0.50	ND	1	11/21/2008	11/22/2008	
Chromium	EPA 6010B	8K21127	1.0	**20**	1	11/21/2008	11/22/2008	
Cobalt	EPA 6010B	8K21127	1.0	**2.3**	1	11/21/2008	11/22/2008	
Copper	EPA 6010B	8K21127	2.0	**4.8**	1	11/21/2008	11/22/2008	
Lead	EPA 6010B	8K21127	2.0	**35**	1	11/21/2008	11/22/2008	
Molybdenum	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Nickel	EPA 6010B	8K21127	2.0	**12**	1	11/21/2008	11/22/2008	
Selenium	EPA 6010B	8K21127	2.0	ND	1	11/21/2008	11/22/2008	
Silver	EPA 6010B	8K21127	1.0	ND	1	11/21/2008	11/22/2008	
Thallium	EPA 6010B	8K21127	10	ND	1	11/21/2008	11/22/2008	
Vanadium	EPA 6010B	8K21127	1.0	**15**	1	11/21/2008	11/22/2008	
Zinc	EPA 6010B	8K21127	5.0	**82**	1	11/21/2008	11/22/2008	

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Attention: George Cebula

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K17072	0.100	**12.2**	1	11/17/2008	11/17/2008	
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K17072	0.100	**12.1**	1	11/17/2008	11/17/2008	
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K17072	0.100	**12.2**	1	11/17/2008	11/17/2008	
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K17072	0.100	**11.4**	1	11/17/2008	11/17/2008	
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K17072	0.100	**12.0**	1	11/17/2008	11/17/2008	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)								
Reporting Units: pH Units								
pH	EPA 9045C	8K17072	0.100	**9.09**	1	11/17/2008	11/17/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Aniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzidine	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	M2
Benzo(a)anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Chrysene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	7.5	11/21/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid) - cont.									
Reporting Units: mg/l									
2,4-Dinitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K21078	0.25	ND	1	NA	11/21/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Fluorene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K21078	0.050	ND	1	0.5	11/21/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K21078	0.050	ND	1	3.0	11/21/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Isophorone	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Naphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K21078	0.20	ND	1	2.0	11/21/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K21078	0.20	ND	1	100.0	11/21/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Phenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	400.0	11/21/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	2.0	11/21/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*107 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*78 %*					

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*68 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*73 %*					
Surrogate: Phenol-d6 (45-120%)				*72 %*					
Surrogate: Terphenyl-d14 (45-135%)				*81 %*					

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Received: 11/13/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Aniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzidine	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Chrysene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	7.5	11/21/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid) - cont.

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K21078	0.25	ND	1	NA	11/21/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Fluorene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K21078	0.050	ND	1	0.5	11/21/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K21078	0.050	ND	1	3.0	11/21/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Isophorone	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Naphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K21078	0.20	ND	1	2.0	11/21/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K21078	0.20	ND	1	100.0	11/21/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Phenol	EPA 8270C	8K21078	0.050	**0.31**	1	NA	11/21/2008	11/24/2008	
Pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	400.0	11/21/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	2.0	11/21/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*105 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*83 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*67 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*78 %*					
Surrogate: Phenol-d6 (45-120%)				*72 %*					
Surrogate: Terphenyl-d14 (45-135%)				*79 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Aniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzidine	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Chrysene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	7.5	11/21/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid) - cont.

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K21078	0.25	ND	1	NA	11/21/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Fluorene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K21078	0.050	ND	1	0.5	11/21/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K21078	0.050	ND	1	3.0	11/21/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Isophorone	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Naphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K21078	0.20	ND	1	2.0	11/21/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K21078	0.20	ND	1	100.0	11/21/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Phenol	EPA 8270C	8K21078	0.050	**0.10**	1	NA	11/21/2008	11/24/2008	
Pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	400.0	11/21/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	2.0	11/21/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*95 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*71 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*56 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*67 %*					
Surrogate: Phenol-d6 (45-120%)				*60 %*					
Surrogate: Terphenyl-d14 (45-135%)				*77 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Aniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzidine	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Chrysene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	7.5	11/21/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	

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Received: 11/13/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid) - cont.									
Reporting Units: mg/l									
2,4-Dinitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K21078	0.25	ND	1	NA	11/21/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Fluorene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K21078	0.050	ND	1	0.5	11/21/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K21078	0.050	ND	1	3.0	11/21/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Isophorone	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Naphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K21078	0.20	ND	1	2.0	11/21/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K21078	0.20	ND	1	100.0	11/21/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Phenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	400.0	11/21/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	2.0	11/21/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*112 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*79 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*76 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*76 %*					
Surrogate: Phenol-d6 (45-120%)				*78 %*					
Surrogate: Terphenyl-d14 (45-135%)				*82 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Aniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzidine	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Chrysene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	7.5	11/21/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid) - cont.									
Reporting Units: mg/l									
2,4-Dinitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K21078	0.25	ND	1	NA	11/21/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Fluorene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K21078	0.050	ND	1	0.5	11/21/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K21078	0.050	ND	1	3.0	11/21/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Isophorone	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Naphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K21078	0.20	ND	1	2.0	11/21/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K21078	0.20	ND	1	100.0	11/21/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Phenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	400.0	11/21/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	2.0	11/21/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*105 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*76 %*					

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Project ID: Oakland
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Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*59 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*71 %*					
Surrogate: Phenol-d6 (45-120%)				*68 %*					
Surrogate: Terphenyl-d14 (45-135%)				*80 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)									
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Aniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzidine	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Chrysene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	7.5	11/21/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid) - cont.									
Reporting Units: mg/l									
2,4-Dinitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K21078	0.25	ND	1	NA	11/21/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Fluorene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K21078	0.050	ND	1	0.13	11/21/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K21078	0.050	ND	1	0.5	11/21/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K21078	0.20	ND	1	NA	11/21/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K21078	0.050	ND	1	3.0	11/21/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
Isophorone	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Naphthalene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K21078	0.20	ND	1	2.0	11/21/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K21078	0.50	ND	1	NA	11/21/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K21078	0.10	ND	1	NA	11/21/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K21078	0.20	ND	1	100.0	11/21/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Phenol	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
Pyrene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K21078	0.050	ND	1	NA	11/21/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	400.0	11/21/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K21078	0.10	ND	1	2.0	11/21/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*122 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*85 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid) - cont.									
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*77 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*81 %*					
Surrogate: Phenol-d6 (45-120%)				*88 %*					
Surrogate: Terphenyl-d14 (45-135%)				*90 %*					

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22017	0.10	ND	1	200.0	11/20/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	100.0	11/20/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22017	0.020	ND	1	6.0	11/20/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	7.5	11/20/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22017	0.050	ND	1	0.7	11/20/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	L, M7
trans-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid) - cont.

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Styrene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.7	11/20/2008	11/22/2008	
Toluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22017	0.10	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22017	0.050	ND	1	0.2	11/20/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*					
Surrogate: Dibromofluoromethane (80-120%)				*89 %*					
Surrogate: Toluene-d8 (80-120%)				*98 %*					

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Kathleen A. Robb For Sushmitha Reddy
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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22017	0.10	ND	1	200.0	11/20/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	100.0	11/20/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22017	0.020	ND	1	6.0	11/20/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	7.5	11/20/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22017	0.050	ND	1	0.7	11/20/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid) - cont.

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Styrene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.7	11/20/2008	11/22/2008	
Toluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22017	0.10	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22017	0.050	ND	1	0.2	11/20/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*					
Surrogate: Dibromofluoromethane (80-120%)				*91 %*					
Surrogate: Toluene-d8 (80-120%)				*99 %*					

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22017	0.10	ND	1	200.0	11/20/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	100.0	11/20/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22017	0.020	ND	1	6.0	11/20/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	7.5	11/20/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22017	0.050	ND	1	0.7	11/20/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid) - cont.

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Styrene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.7	11/20/2008	11/22/2008	
Toluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22017	0.10	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22017	0.050	ND	1	0.2	11/20/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*					
Surrogate: Dibromofluoromethane (80-120%)				*92 %*					
Surrogate: Toluene-d8 (80-120%)				*99 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22017	0.10	ND	1	200.0	11/20/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	100.0	11/20/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22017	0.020	ND	1	6.0	11/20/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	7.5	11/20/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22017	0.050	ND	1	0.7	11/20/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	

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Arcadis - Blasland, Bouck & Lee - San Diego
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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid) - cont.									
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Styrene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.7	11/20/2008	11/22/2008	
Toluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22017	0.10	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22017	0.050	ND	1	0.2	11/20/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*					
Surrogate: Dibromofluoromethane (80-120%)				*91 %*					
Surrogate: Toluene-d8 (80-120%)				*100 %*					

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22017	0.10	ND	1	200.0	11/20/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	100.0	11/20/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22017	0.020	ND	1	6.0	11/20/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	7.5	11/20/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22017	0.050	ND	1	0.7	11/20/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid) - cont.

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Styrene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.7	11/20/2008	11/22/2008	
Toluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22017	0.10	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22017	0.050	ND	1	0.2	11/20/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*					
Surrogate: Dibromofluoromethane (80-120%)				*92 %*					
Surrogate: Toluene-d8 (80-120%)				*100 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)									
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22017	0.10	ND	1	200.0	11/20/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	100.0	11/20/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22017	0.020	ND	1	6.0	11/20/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22017	0.020	ND	1	7.5	11/20/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22017	0.050	ND	1	0.7	11/20/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	

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Project ID: Oakland
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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid) - cont.

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22017	0.050	ND	1	0.5	11/20/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Styrene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.7	11/20/2008	11/22/2008	
Toluene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22017	0.020	ND	1	0.5	11/20/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22017	0.050	ND	1	NA	11/20/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22017	0.10	ND	1	NA	11/20/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22017	0.050	ND	1	0.2	11/20/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22017	0.020	ND	1	NA	11/20/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*					
Surrogate: Dibromofluoromethane (80-120%)				*94 %*					
Surrogate: Toluene-d8 (80-120%)				*100 %*					

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24096	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Barium	6010B-TCLP	8K21076	0.20	**0.39**	1	100.0	11/21/2008	11/22/2008	
Cadmium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Chromium	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Lead	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Selenium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Silver	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24096	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Barium	6010B-TCLP	8K21076	0.20	**1.1**	1	100.0	11/21/2008	11/22/2008	
Cadmium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Chromium	6010B-TCLP	8K21076	0.10	**0.11**	1	5.0	11/21/2008	11/22/2008	
Lead	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Selenium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Silver	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24096	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Barium	6010B-TCLP	8K21076	0.20	**1.3**	1	100.0	11/21/2008	11/22/2008	
Cadmium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Chromium	6010B-TCLP	8K21076	0.10	**0.10**	1	5.0	11/21/2008	11/22/2008	
Lead	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Selenium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Silver	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24096	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Barium	6010B-TCLP	8K21076	0.20	**0.30**	1	100.0	11/21/2008	11/22/2008	
Cadmium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Chromium	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Lead	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Selenium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Silver	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24096	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Barium	6010B-TCLP	8K21076	0.20	**0.47**	1	100.0	11/21/2008	11/22/2008	
Cadmium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Chromium	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Lead	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Selenium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Silver	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)									
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24096	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	
Barium	6010B-TCLP	8K21076	0.20	**0.40**	1	100.0	11/21/2008	11/22/2008	
Cadmium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Chromium	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Lead	6010B-TCLP	8K21076	0.10	ND	1	5.0	11/21/2008	11/22/2008	
Selenium	6010B-TCLP	8K21076	0.10	ND	1	1.0	11/21/2008	11/22/2008	
Silver	6010B-TCLP	8K21076	0.20	ND	1	5.0	11/21/2008	11/22/2008	

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STLC METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	STLC Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)									
Reporting Units: mg/l									
Chromium	6010B-STLC	8L16090	0.10	**0.85**	1	5.0	12/16/2008	12/16/2008	
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)									
Reporting Units: mg/l									
Lead	6010B-STLC	8L16090	0.10	**5.5**	1	5.0	12/16/2008	12/16/2008	
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)									
Reporting Units: mg/l									
Lead	6010B-STLC	8L16090	0.10	**13**	1	5.0	12/16/2008	12/16/2008	

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WASTE EXTRACTION TEST (STLC) - Metals/Inorganics

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)					
Extraction	STLC-Met	8L14023	12/14/2008	12/16/2008	
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)					
Extraction	STLC-Met	8L14023	12/14/2008	12/16/2008	
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)					
Extraction	STLC-Met	8L14023	12/14/2008	12/16/2008	

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TCLP EXTRACTION - Zero Headspace (ZHE)

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)					
Extraction	EPA 1311-ZHE	8K20162	11/20/2008	11/21/2008	
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)					
Extraction	EPA 1311-ZHE	8K20162	11/20/2008	11/21/2008	
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)					
Extraction	EPA 1311-ZHE	8K20162	11/20/2008	11/21/2008	
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)					
Extraction	EPA 1311-ZHE	8K20162	11/20/2008	11/21/2008	
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)					
Extraction	EPA 1311-ZHE	8K20162	11/20/2008	11/21/2008	
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)					
Extraction	EPA 1311-ZHE	8K20162	11/20/2008	11/21/2008	

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TCLP EXTRACTION - Semi Volatiles

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)					
Extraction	EPA 1311-SV	8K20161	11/20/2008	11/21/2008	
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)					
Extraction	EPA 1311-SV	8K20161	11/20/2008	11/21/2008	
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)					
Extraction	EPA 1311-SV	8K20161	11/20/2008	11/21/2008	
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)					
Extraction	EPA 1311-SV	8K20161	11/20/2008	11/21/2008	
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)					
Extraction	EPA 1311-SV	8K20161	11/20/2008	11/21/2008	
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)					
Extraction	EPA 1311-SV	8K20161	11/20/2008	11/21/2008	

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TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1439-03 (B8-CW-CHWP-009 - Solid)					
Extraction	EPA 1311-Met	8K20163	11/20/2008	11/21/2008	
Sample ID: IRK1439-04 (B8-CF-CHWP-010 - Solid)					
Extraction	EPA 1311-Met	8K20163	11/20/2008	11/21/2008	
Sample ID: IRK1439-05 (B8-CF-CHWP-010 DUP - Solid)					
Extraction	EPA 1311-Met	8K20163	11/20/2008	11/21/2008	
Sample ID: IRK1439-06 (IB1-BW-CHWP-029 - Solid)					
Extraction	EPA 1311-Met	8K20163	11/20/2008	11/21/2008	
Sample ID: IRK1439-08 (IB2-BW-CHWP-032 - Solid)					
Extraction	EPA 1311-Met	8K20163	11/20/2008	11/21/2008	
Sample ID: IRK1439-09 (B2-BW-CHWP-014 - Solid)					
Extraction	EPA 1311-Met	8K20163	11/20/2008	11/21/2008	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	100	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
Blank Analyzed: 11/17/2008 (8K17014-BLK1)										
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2380*		*ug/kg*	*2500*		*95*	*65-140*			
Surrogate: Dibromofluoromethane	*2560*		*ug/kg*	*2500*		*102*	*55-140*			
Surrogate: Toluene-d8	*2450*		*ug/kg*	*2500*		*98*	*60-140*			
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
Benzene	2620	100	ug/kg	2500		105	65-120			
Bromobenzene	2690	250	ug/kg	2500		108	70-120			
Bromochloromethane	2630	250	ug/kg	2500		105	65-125			
Bromodichloromethane	2940	100	ug/kg	2500		118	65-135			
Bromoform	2200	250	ug/kg	2500		88	50-130			
Bromomethane	2470	250	ug/kg	2500		99	30-140			
n-Butylbenzene	2840	250	ug/kg	2500		114	70-130			
sec-Butylbenzene	2780	250	ug/kg	2500		111	70-125			

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Arcadis - Blasland, Bouck & Lee - San Diego
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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
tert-Butylbenzene	2770	250	ug/kg	2500		111	70-125			
Carbon tetrachloride	2430	100	ug/kg	2500		97	65-145			
Chlorobenzene	2760	100	ug/kg	2500		111	70-125			
Chloroethane	2580	250	ug/kg	2500		103	40-140			
Chloroform	2660	100	ug/kg	2500		106	75-130			
Chloromethane	3000	250	ug/kg	2500		120	30-140			
2-Chlorotoluene	2800	250	ug/kg	2500		112	70-125			
4-Chlorotoluene	2850	250	ug/kg	2500		114	70-125			
1,2-Dibromo-3-chloropropane	2580	250	ug/kg	2500		103	45-135			
Dibromochloromethane	2600	100	ug/kg	2500		104	65-140			
1,2-Dibromoethane (EDB)	2740	100	ug/kg	2500		110	70-130			
Dibromomethane	2800	100	ug/kg	2500		112	65-130			
1,2-Dichlorobenzene	2720	100	ug/kg	2500		109	70-120			
1,3-Dichlorobenzene	2730	100	ug/kg	2500		109	70-125			
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125			
Dichlorodifluoromethane	2520	200	ug/kg	2500		101	10-155			
1,1-Dichloroethane	2660	100	ug/kg	2500		107	65-130			
1,2-Dichloroethane	2970	100	ug/kg	2500		119	60-145			
1,1-Dichloroethene	2110	250	ug/kg	2500		84	75-140			
cis-1,2-Dichloroethene	2890	100	ug/kg	2500		116	65-130			
trans-1,2-Dichloroethene	2820	100	ug/kg	2500		113	65-130			
1,2-Dichloropropane	2760	100	ug/kg	2500		110	75-125			
1,3-Dichloropropane	2900	100	ug/kg	2500		116	65-130			
2,2-Dichloropropane	2860	100	ug/kg	2500		114	60-145			
cis-1,3-Dichloropropene	3530	100	ug/kg	2500		141	70-130			*L*
trans-1,3-Dichloropropene	2870	100	ug/kg	2500		115	65-135			
1,1-Dichloropropene	3000	100	ug/kg	2500		120	70-130			
Ethylbenzene	2760	100	ug/kg	2500		110	80-120			
Hexachlorobutadiene	2860	250	ug/kg	2500		114	60-135			
Isopropylbenzene	2720	100	ug/kg	2500		109	70-125			
p-Isopropyltoluene	2780	100	ug/kg	2500		111	70-125			
Methylene chloride	2480	1000	ug/kg	2500		99	60-140			
Naphthalene	2760	250	ug/kg	2500		110	50-140			
n-Propylbenzene	2810	100	ug/kg	2500		113	70-130			
Styrene	2850	100	ug/kg	2500		114	70-135			
1,1,1,2-Tetrachloroethane	2980	250	ug/kg	2500		119	70-140			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Analyzed: 11/17/2008 (8K17014-BS1)										**MNR1**
1,1,2,2-Tetrachloroethane	2940	100	ug/kg	2500		118	55-135			
Tetrachloroethene	2640	100	ug/kg	2500		106	65-125			
Toluene	2640	100	ug/kg	2500		106	80-120			
1,2,3-Trichlorobenzene	2750	250	ug/kg	2500		110	60-135			
1,2,4-Trichlorobenzene	2880	250	ug/kg	2500		115	65-135			
1,1,1-Trichloroethane	2440	100	ug/kg	2500		98	65-140			
1,1,2-Trichloroethane	2770	100	ug/kg	2500		111	65-130			
Trichloroethene	2660	100	ug/kg	2500		106	70-130			
Trichlorofluoromethane	1800	250	ug/kg	2500		72	50-145			
1,2,3-Trichloropropane	2780	500	ug/kg	2500		111	55-130			
1,2,4-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125			
1,3,5-Trimethylbenzene	2750	100	ug/kg	2500		110	70-125			
Vinyl chloride	1840	100	ug/kg	2500		73	10-120			
m,p-Xylenes	5570	100	ug/kg	5000		111	70-125			
o-Xylene	2820	100	ug/kg	2500		113	70-125			
Surrogate: 4-Bromofluorobenzene	*2280*		*ug/kg*	*2500*		*91*	*65-140*			
Surrogate: Dibromofluoromethane	*2250*		*ug/kg*	*2500*		*90*	*55-140*			
Surrogate: Toluene-d8	*2240*		*ug/kg*	*2500*		*90*	*60-140*			
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
Benzene	2440	100	ug/kg	2500		98	65-120	7	20	
Bromobenzene	2730	250	ug/kg	2500		109	70-120	1	20	
Bromochloromethane	2660	250	ug/kg	2500		106	65-125	1	20	
Bromodichloromethane	3000	100	ug/kg	2500		120	65-135	2	20	
Bromoform	2490	250	ug/kg	2500		100	50-130	13	25	
Bromomethane	3160	250	ug/kg	2500		126	30-140	25	30	
n-Butylbenzene	2760	250	ug/kg	2500		110	70-130	3	20	
sec-Butylbenzene	2790	250	ug/kg	2500		111	70-125	0	20	
tert-Butylbenzene	2910	250	ug/kg	2500		116	70-125	5	20	
Carbon tetrachloride	3470	100	ug/kg	2500		139	65-145	35	20	*R-7*
Chlorobenzene	2800	100	ug/kg	2500		112	70-125	1	20	
Chloroethane	2410	250	ug/kg	2500		96	40-140	7	25	
Chloroform	2580	100	ug/kg	2500		103	75-130	3	20	
Chloromethane	2920	250	ug/kg	2500		117	30-140	3	25	
2-Chlorotoluene	2590	250	ug/kg	2500		104	70-125	8	20	
4-Chlorotoluene	2640	250	ug/kg	2500		106	70-125	8	20	

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Arcadis - Blasland, Bouck & Lee - San Diego
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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
1,2-Dibromo-3-chloropropane	2370	250	ug/kg	2500		95	45-135	9	25	
Dibromochloromethane	2830	100	ug/kg	2500		113	65-140	8	20	
1,2-Dibromoethane (EDB)	2590	100	ug/kg	2500		104	70-130	6	20	
Dibromomethane	2690	100	ug/kg	2500		108	65-130	4	20	
1,2-Dichlorobenzene	2750	100	ug/kg	2500		110	70-120	1	20	
1,3-Dichlorobenzene	2810	100	ug/kg	2500		112	70-125	3	20	
1,4-Dichlorobenzene	2680	100	ug/kg	2500		107	70-125	0	20	
Dichlorodifluoromethane	3670	200	ug/kg	2500		147	10-155	37	30	*R-7*
1,1-Dichloroethane	2560	100	ug/kg	2500		102	65-130	4	20	
1,2-Dichloroethane	2960	100	ug/kg	2500		118	60-145	1	20	
1,1-Dichloroethene	2600	250	ug/kg	2500		104	75-140	21	20	*R-7*
cis-1,2-Dichloroethene	2410	100	ug/kg	2500		96	65-130	18	20	
trans-1,2-Dichloroethene	2680	100	ug/kg	2500		107	65-130	5	20	
1,2-Dichloropropane	2520	100	ug/kg	2500		101	75-125	9	20	
1,3-Dichloropropane	2440	100	ug/kg	2500		98	65-130	17	20	
2,2-Dichloropropane	2930	100	ug/kg	2500		117	60-145	2	25	
cis-1,3-Dichloropropene	2690	100	ug/kg	2500		108	70-130	27	20	*R-7*
trans-1,3-Dichloropropene	2830	100	ug/kg	2500		113	65-135	1	20	
1,1-Dichloropropene	2780	100	ug/kg	2500		111	70-130	7	20	
Ethylbenzene	2710	100	ug/kg	2500		109	80-120	2	20	
Hexachlorobutadiene	3270	250	ug/kg	2500		131	60-135	13	20	
Isopropylbenzene	3210	100	ug/kg	2500		128	70-125	16	20	*L*
p-Isopropyltoluene	2950	100	ug/kg	2500		118	70-125	6	20	
Methylene chloride	2310	1000	ug/kg	2500		92	60-140	7	20	
Naphthalene	2580	250	ug/kg	2500		103	50-140	7	25	
n-Propylbenzene	2750	100	ug/kg	2500		110	70-130	2	20	
Styrene	2810	100	ug/kg	2500		113	70-135	1	20	
1,1,1,2-Tetrachloroethane	3170	250	ug/kg	2500		127	70-140	6	20	
1,1,2,2-Tetrachloroethane	2230	100	ug/kg	2500		89	55-135	28	25	*R-7*
Tetrachloroethene	2920	100	ug/kg	2500		117	65-125	10	20	
Toluene	2630	100	ug/kg	2500		105	80-120	0	20	
1,2,3-Trichlorobenzene	2890	250	ug/kg	2500		115	60-135	5	20	
1,2,4-Trichlorobenzene	3030	250	ug/kg	2500		121	65-135	5	20	
1,1,1-Trichloroethane	3030	100	ug/kg	2500		121	65-140	21	20	*R-7*
1,1,2-Trichloroethane	2440	100	ug/kg	2500		98	65-130	13	20	
Trichloroethene	2910	100	ug/kg	2500		116	70-130	9	20	

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/12/08
San Diego, CA 92108	Report Number:	IRK1439	Received: 11/13/08
Attention: George Cebula			

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17014 Extracted: 11/17/08										
LCS Dup Analyzed: 11/18/2008 (8K17014-BSD1)										
Trichlorofluoromethane	3090	250	ug/kg	2500		124	50-145	53	25	*R-7*
1,2,3-Trichloropropane	2200	500	ug/kg	2500		88	55-130	23	25	
1,2,4-Trimethylbenzene	2860	100	ug/kg	2500		115	70-125	2	20	
1,3,5-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125	6	20	
Vinyl chloride	1380	100	ug/kg	2500		55	10-120	29	30	
m,p-Xylenes	5520	100	ug/kg	5000		110	70-125	1	20	
o-Xylene	2790	100	ug/kg	2500		112	70-125	1	20	
Surrogate: 4-Bromofluorobenzene	*2310*		*ug/kg*	*2500*		*92*	*65-140*			
Surrogate: Dibromofluoromethane	*2400*		*ug/kg*	*2500*		*96*	*55-140*			
Surrogate: Toluene-d8	*2340*		*ug/kg*	*2500*		*93*	*60-140*			
Batch: 8K18022 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18022-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18022 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18022-BLK1)										
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18022 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18022-BLK1)										
o-Xylene	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*21.0*		*ug/l*	*25.0*		*84*	*80-120*			
Surrogate: Toluene-d8	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
LCS Analyzed: 11/18/2008 (8K18022-BS1)										
Benzene	26.5	2.0	ug/l	25.0		106	70-120			
Bromobenzene	27.1	5.0	ug/l	25.0		108	75-120			
Bromochloromethane	24.1	5.0	ug/l	25.0		96	70-130			
Bromodichloromethane	24.1	2.0	ug/l	25.0		96	70-135			
Bromoform	21.9	5.0	ug/l	25.0		88	55-130			
Bromomethane	23.6	5.0	ug/l	25.0		94	65-140			
n-Butylbenzene	29.1	5.0	ug/l	25.0		116	70-130			
sec-Butylbenzene	29.6	5.0	ug/l	25.0		118	70-125			
tert-Butylbenzene	29.2	5.0	ug/l	25.0		117	70-125			
Carbon tetrachloride	23.6	5.0	ug/l	25.0		95	65-140			
Chlorobenzene	26.6	2.0	ug/l	25.0		106	75-120			
Chloroethane	26.5	5.0	ug/l	25.0		106	60-140			
Chloroform	23.9	2.0	ug/l	25.0		96	70-130			
Chloromethane	20.8	5.0	ug/l	25.0		83	50-140			
2-Chlorotoluene	28.1	5.0	ug/l	25.0		112	70-125			
4-Chlorotoluene	28.5	5.0	ug/l	25.0		114	75-125			
1,2-Dibromo-3-chloropropane	23.6	5.0	ug/l	25.0		94	50-135			
Dibromochloromethane	25.8	2.0	ug/l	25.0		103	70-140			
1,2-Dibromoethane (EDB)	25.5	2.0	ug/l	25.0		102	75-125			
Dibromomethane	24.2	2.0	ug/l	25.0		97	70-125			
1,2-Dichlorobenzene	27.9	2.0	ug/l	25.0		112	75-120			
1,3-Dichlorobenzene	28.6	2.0	ug/l	25.0		115	75-120			
1,4-Dichlorobenzene	27.0	2.0	ug/l	25.0		108	75-120			
Dichlorodifluoromethane	18.4	5.0	ug/l	25.0		73	35-155			
1,1-Dichloroethane	26.3	2.0	ug/l	25.0		105	70-125			
1,2-Dichloroethane	23.7	2.0	ug/l	25.0		95	60-140			
1,1-Dichloroethene	26.9	5.0	ug/l	25.0		107	70-125			
cis-1,2-Dichloroethene	28.0	2.0	ug/l	25.0		112	70-125			
trans-1,2-Dichloroethene	27.7	2.0	ug/l	25.0		111	70-125			
1,2-Dichloropropane	27.0	2.0	ug/l	25.0		108	70-125			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18022 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18022-BS1)										
1,3-Dichloropropane	26.1	2.0	ug/l	25.0		104	70-120			
2,2-Dichloropropane	26.4	2.0	ug/l	25.0		106	65-140			
cis-1,3-Dichloropropene	30.3	2.0	ug/l	25.0		121	75-125			
trans-1,3-Dichloropropene	24.2	2.0	ug/l	25.0		97	70-125			
1,1-Dichloropropene	27.1	2.0	ug/l	25.0		108	75-130			
Ethylbenzene	26.9	2.0	ug/l	25.0		107	75-125			
Hexachlorobutadiene	25.7	5.0	ug/l	25.0		103	65-135			
Isopropylbenzene	27.5	2.0	ug/l	25.0		110	75-130			
p-Isopropyltoluene	28.9	2.0	ug/l	25.0		116	75-125			
Methylene chloride	23.9	5.0	ug/l	25.0		96	55-130			
Naphthalene	27.6	5.0	ug/l	25.0		111	55-135			
n-Propylbenzene	28.6	2.0	ug/l	25.0		115	75-130			
Styrene	28.6	2.0	ug/l	25.0		114	75-130			
1,1,1,2-Tetrachloroethane	25.7	5.0	ug/l	25.0		103	70-130			
1,1,2,2-Tetrachloroethane	28.6	2.0	ug/l	25.0		115	55-130			
Tetrachloroethene	25.4	2.0	ug/l	25.0		101	70-125			
Toluene	26.2	2.0	ug/l	25.0		105	70-120			
1,2,3-Trichlorobenzene	26.4	5.0	ug/l	25.0		106	65-125			
1,2,4-Trichlorobenzene	28.2	5.0	ug/l	25.0		113	70-135			
1,1,1-Trichloroethane	25.0	2.0	ug/l	25.0		100	65-135			
1,1,2-Trichloroethane	25.9	2.0	ug/l	25.0		104	70-125			
Trichloroethene	24.4	2.0	ug/l	25.0		98	70-125			
Trichlorofluoromethane	22.2	5.0	ug/l	25.0		89	65-145			
1,2,3-Trichloropropane	26.2	10	ug/l	25.0		105	60-130			
1,2,4-Trimethylbenzene	28.8	2.0	ug/l	25.0		115	75-125			
1,3,5-Trimethylbenzene	28.9	2.0	ug/l	25.0		116	75-125			
Vinyl chloride	24.0	5.0	ug/l	25.0		96	55-135			
m,p-Xylenes	55.2	2.0	ug/l	50.0		110	75-125			
o-Xylene	27.4	2.0	ug/l	25.0		110	75-125			
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*21.0*		*ug/l*	*25.0*		*84*	*80-120*			
Surrogate: Toluene-d8	*21.9*		*ug/l*	*25.0*		*88*	*80-120*			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

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Received: 11/13/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18022 Extracted: 11/18/08										
Matrix Spike Analyzed: 11/18/2008 (8K18022-MS1)					**Source: IRK1178-01**					
Benzene	26.4	2.0	ug/l	25.0	0.530	104	65-125			
Bromobenzene	25.7	5.0	ug/l	25.0	ND	103	70-125			
Bromochloromethane	25.3	5.0	ug/l	25.0	ND	101	65-135			
Bromodichloromethane	24.2	2.0	ug/l	25.0	ND	97	70-135			
Bromoform	20.7	5.0	ug/l	25.0	ND	83	55-135			
Bromomethane	23.0	5.0	ug/l	25.0	ND	92	55-145			
n-Butylbenzene	27.5	5.0	ug/l	25.0	ND	110	65-135			
sec-Butylbenzene	28.1	5.0	ug/l	25.0	ND	112	70-125			
tert-Butylbenzene	27.8	5.0	ug/l	25.0	ND	111	65-130			
Carbon tetrachloride	23.6	5.0	ug/l	25.0	ND	94	65-140			
Chlorobenzene	25.6	2.0	ug/l	25.0	ND	103	75-125			
Chloroethane	25.4	5.0	ug/l	25.0	ND	102	55-140			
Chloroform	23.4	2.0	ug/l	25.0	ND	93	65-135			
Chloromethane	20.4	5.0	ug/l	25.0	ND	82	45-145			
2-Chlorotoluene	27.2	5.0	ug/l	25.0	ND	109	65-135			
4-Chlorotoluene	27.4	5.0	ug/l	25.0	ND	110	70-135			
1,2-Dibromo-3-chloropropane	25.8	5.0	ug/l	25.0	ND	103	45-145			
Dibromochloromethane	26.0	2.0	ug/l	25.0	ND	104	65-140			
1,2-Dibromoethane (EDB)	25.4	2.0	ug/l	25.0	ND	102	70-130			
Dibromomethane	25.4	2.0	ug/l	25.0	ND	102	65-135			
1,2-Dichlorobenzene	27.2	2.0	ug/l	25.0	ND	109	75-125			
1,3-Dichlorobenzene	27.2	2.0	ug/l	25.0	ND	109	75-125			
1,4-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125			
Dichlorodifluoromethane	17.5	5.0	ug/l	25.0	ND	70	25-155			
1,1-Dichloroethane	25.6	2.0	ug/l	25.0	ND	103	65-130			
1,2-Dichloroethane	24.2	2.0	ug/l	25.0	0.470	95	60-140			
1,1-Dichloroethene	25.9	5.0	ug/l	25.0	ND	104	60-130			
cis-1,2-Dichloroethene	26.7	2.0	ug/l	25.0	ND	107	65-130			
trans-1,2-Dichloroethene	25.8	2.0	ug/l	25.0	ND	103	65-130			
1,2-Dichloropropane	26.2	2.0	ug/l	25.0	ND	105	65-130			
1,3-Dichloropropane	26.4	2.0	ug/l	25.0	ND	106	65-135			
2,2-Dichloropropane	26.0	2.0	ug/l	25.0	ND	104	60-145			
cis-1,3-Dichloropropene	31.2	2.0	ug/l	25.0	ND	125	70-130			
trans-1,3-Dichloropropene	24.3	2.0	ug/l	25.0	ND	97	65-135			
1,1-Dichloropropene	27.7	2.0	ug/l	25.0	ND	111	70-135			
Ethylbenzene	25.3	2.0	ug/l	25.0	ND	101	65-130			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18022 Extracted: 11/18/08										
Matrix Spike Analyzed: 11/18/2008 (8K18022-MS1)					**Source: IRK1178-01**					
Hexachlorobutadiene	25.7	5.0	ug/l	25.0	ND	103	60-135			
Isopropylbenzene	26.2	2.0	ug/l	25.0	ND	105	70-135			
p-Isopropyltoluene	27.4	2.0	ug/l	25.0	ND	109	65-130			
Methylene chloride	22.7	5.0	ug/l	25.0	ND	91	50-135			
Naphthalene	28.1	5.0	ug/l	25.0	ND	113	50-140			
n-Propylbenzene	27.3	2.0	ug/l	25.0	ND	109	70-135			
Styrene	8.40	2.0	ug/l	25.0	ND	34	50-145			*M2*
1,1,1,2-Tetrachloroethane	25.3	5.0	ug/l	25.0	ND	101	65-140			
1,1,2,2-Tetrachloroethane	29.7	2.0	ug/l	25.0	ND	119	55-135			
Tetrachloroethene	24.2	2.0	ug/l	25.0	ND	97	65-130			
Toluene	26.4	2.0	ug/l	25.0	0.740	103	70-125			
1,2,3-Trichlorobenzene	26.4	5.0	ug/l	25.0	ND	106	60-135			
1,2,4-Trichlorobenzene	28.0	5.0	ug/l	25.0	ND	112	65-135			
1,1,1-Trichloroethane	25.1	2.0	ug/l	25.0	ND	100	65-140			
1,1,2-Trichloroethane	26.5	2.0	ug/l	25.0	ND	106	65-130			
Trichloroethene	24.3	2.0	ug/l	25.0	ND	97	65-125			
Trichlorofluoromethane	22.5	5.0	ug/l	25.0	ND	90	60-145			
1,2,3-Trichloropropane	27.0	10	ug/l	25.0	ND	108	55-135			
1,2,4-Trimethylbenzene	25.5	2.0	ug/l	25.0	ND	102	55-135			
1,3,5-Trimethylbenzene	26.6	2.0	ug/l	25.0	ND	107	70-130			
Vinyl chloride	22.4	5.0	ug/l	25.0	ND	90	45-140			
m,p-Xylenes	51.9	2.0	ug/l	50.0	ND	104	65-130			
o-Xylene	26.8	2.0	ug/l	25.0	ND	107	65-125			
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*22.4*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Toluene-d8	*22.4*		*ug/l*	*25.0*		*89*	*80-120*			
Matrix Spike Dup Analyzed: 11/18/2008 (8K18022-MSD1)					**Source: IRK1178-01**					
Benzene	27.5	2.0	ug/l	25.0	0.530	108	65-125	4	20	
Bromobenzene	27.8	5.0	ug/l	25.0	ND	111	70-125	8	20	
Bromochloromethane	25.7	5.0	ug/l	25.0	ND	103	65-135	1	25	
Bromodichloromethane	25.4	2.0	ug/l	25.0	ND	101	70-135	5	20	
Bromoform	22.4	5.0	ug/l	25.0	ND	90	55-135	8	25	
Bromomethane	25.1	5.0	ug/l	25.0	ND	100	55-145	8	25	
n-Butylbenzene	28.0	5.0	ug/l	25.0	ND	112	65-135	2	20	
sec-Butylbenzene	29.4	5.0	ug/l	25.0	ND	118	70-125	5	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18022 Extracted: 11/18/08										
Matrix Spike Dup Analyzed: 11/18/2008 (8K18022-MSD1)					**Source: IRK1178-01**					
tert-Butylbenzene	29.0	5.0	ug/l	25.0	ND	116	65-130	4	20	
Carbon tetrachloride	24.1	5.0	ug/l	25.0	ND	96	65-140	2	25	
Chlorobenzene	26.9	2.0	ug/l	25.0	ND	108	75-125	5	20	
Chloroethane	25.3	5.0	ug/l	25.0	ND	101	55-140	0	25	
Chloroform	24.6	2.0	ug/l	25.0	ND	99	65-135	5	20	
Chloromethane	20.9	5.0	ug/l	25.0	ND	84	45-145	3	25	
2-Chlorotoluene	28.0	5.0	ug/l	25.0	ND	112	65-135	3	20	
4-Chlorotoluene	27.9	5.0	ug/l	25.0	ND	112	70-135	2	20	
1,2-Dibromo-3-chloropropane	28.8	5.0	ug/l	25.0	ND	115	45-145	11	30	
Dibromochloromethane	27.9	2.0	ug/l	25.0	ND	111	65-140	7	25	
1,2-Dibromoethane (EDB)	27.0	2.0	ug/l	25.0	ND	108	70-130	6	25	
Dibromomethane	26.4	2.0	ug/l	25.0	ND	106	65-135	4	25	
1,2-Dichlorobenzene	28.6	2.0	ug/l	25.0	ND	114	75-125	5	20	
1,3-Dichlorobenzene	28.3	2.0	ug/l	25.0	ND	113	75-125	4	20	
1,4-Dichlorobenzene	27.2	2.0	ug/l	25.0	ND	109	75-125	3	20	
Dichlorodifluoromethane	18.2	5.0	ug/l	25.0	ND	73	25-155	3	30	
1,1-Dichloroethane	26.8	2.0	ug/l	25.0	ND	107	65-130	5	20	
1,2-Dichloroethane	25.7	2.0	ug/l	25.0	0.470	101	60-140	6	20	
1,1-Dichloroethene	26.5	5.0	ug/l	25.0	ND	106	60-130	2	20	
cis-1,2-Dichloroethene	27.9	2.0	ug/l	25.0	ND	111	65-130	4	20	
trans-1,2-Dichloroethene	26.4	2.0	ug/l	25.0	ND	105	65-130	2	20	
1,2-Dichloropropane	27.7	2.0	ug/l	25.0	ND	111	65-130	5	20	
1,3-Dichloropropane	27.8	2.0	ug/l	25.0	ND	111	65-135	5	25	
2,2-Dichloropropane	26.9	2.0	ug/l	25.0	ND	108	60-145	4	25	
cis-1,3-Dichloropropene	33.2	2.0	ug/l	25.0	ND	133	70-130	6	20	*M1*
trans-1,3-Dichloropropene	25.8	2.0	ug/l	25.0	ND	103	65-135	6	25	
1,1-Dichloropropene	27.9	2.0	ug/l	25.0	ND	112	70-135	1	20	
Ethylbenzene	26.8	2.0	ug/l	25.0	ND	107	65-130	6	20	
Hexachlorobutadiene	26.2	5.0	ug/l	25.0	ND	105	60-135	2	20	
Isopropylbenzene	27.5	2.0	ug/l	25.0	ND	110	70-135	5	20	
p-Isopropyltoluene	28.0	2.0	ug/l	25.0	ND	112	65-130	2	20	
Methylene chloride	24.3	5.0	ug/l	25.0	ND	97	50-135	7	20	
Naphthalene	28.7	5.0	ug/l	25.0	ND	115	50-140	2	30	
n-Propylbenzene	28.2	2.0	ug/l	25.0	ND	113	70-135	3	20	
Styrene	6.52	2.0	ug/l	25.0	ND	26	50-145	25	30	*M2*
1,1,1,2-Tetrachloroethane	26.6	5.0	ug/l	25.0	ND	107	65-140	5	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18022 Extracted: 11/18/08										
Matrix Spike Dup Analyzed: 11/18/2008 (8K18022-MSD1)					**Source: IRK1178-01**					
1,1,2,2-Tetrachloroethane	32.8	2.0	ug/l	25.0	ND	131	55-135	10	30	
Tetrachloroethene	25.1	2.0	ug/l	25.0	ND	100	65-130	4	20	
Toluene	27.6	2.0	ug/l	25.0	0.740	107	70-125	4	20	
1,2,3-Trichlorobenzene	27.0	5.0	ug/l	25.0	ND	108	60-135	2	20	
1,2,4-Trichlorobenzene	28.4	5.0	ug/l	25.0	ND	113	65-135	1	20	
1,1,1-Trichloroethane	25.2	2.0	ug/l	25.0	ND	101	65-140	0	20	
1,1,2-Trichloroethane	29.5	2.0	ug/l	25.0	ND	118	65-130	11	25	
Trichloroethene	25.6	2.0	ug/l	25.0	ND	103	65-125	6	20	
Trichlorofluoromethane	23.3	5.0	ug/l	25.0	ND	93	60-145	3	25	
1,2,3-Trichloropropane	29.7	10	ug/l	25.0	ND	119	55-135	10	30	
1,2,4-Trimethylbenzene	25.2	2.0	ug/l	25.0	ND	101	55-135	1	25	
1,3,5-Trimethylbenzene	26.7	2.0	ug/l	25.0	ND	107	70-130	0	20	
Vinyl chloride	22.7	5.0	ug/l	25.0	ND	91	45-140	1	30	
m,p-Xylenes	54.2	2.0	ug/l	50.0	ND	108	65-130	4	25	
o-Xylene	27.0	2.0	ug/l	25.0	ND	108	65-125	1	20	
Surrogate: 4-Bromofluorobenzene	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
Surrogate: Toluene-d8	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			
Batch: 8K18028 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18028-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							

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Received: 11/13/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18028-BLK1)										
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18028-BLK1)										
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2410*		*ug/kg*	*2500*		*96*	*65-140*			
Surrogate: Dibromofluoromethane	*2340*		*ug/kg*	*2500*		*94*	*55-140*			
Surrogate: Toluene-d8	*2630*		*ug/kg*	*2500*		*105*	*60-140*			
LCS Analyzed: 11/18/2008 (8K18028-BS1)										**MNR1**
Benzene	2730	100	ug/kg	2500		109	65-120			
Bromobenzene	2830	250	ug/kg	2500		113	70-120			
Bromochloromethane	2590	250	ug/kg	2500		104	65-125			
Bromodichloromethane	2260	100	ug/kg	2500		90	65-135			
Bromoform	1820	250	ug/kg	2500		73	50-130			
Bromomethane	1260	250	ug/kg	2500		50	30-140			
n-Butylbenzene	2760	250	ug/kg	2500		110	70-130			
sec-Butylbenzene	2830	250	ug/kg	2500		113	70-125			
tert-Butylbenzene	2770	250	ug/kg	2500		111	70-125			
Carbon tetrachloride	2230	250	ug/kg	2500		89	65-145			
Chlorobenzene	2640	100	ug/kg	2500		106	70-125			
Chloroethane	1960	250	ug/kg	2500		79	40-140			
Chloroform	2260	100	ug/kg	2500		90	75-130			
Chloromethane	1940	250	ug/kg	2500		78	30-140			
2-Chlorotoluene	2640	250	ug/kg	2500		106	70-125			
4-Chlorotoluene	2660	250	ug/kg	2500		106	70-125			
1,2-Dibromo-3-chloropropane	2190	250	ug/kg	2500		88	45-135			
Dibromochloromethane	2380	100	ug/kg	2500		95	65-140			
1,2-Dibromoethane (EDB)	2530	100	ug/kg	2500		101	70-130			
Dibromomethane	2510	100	ug/kg	2500		100	65-130			
1,2-Dichlorobenzene	2700	100	ug/kg	2500		108	70-120			
1,3-Dichlorobenzene	2780	100	ug/kg	2500		111	70-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18028-BS1)										**MNR1**
1,4-Dichlorobenzene	2580	100	ug/kg	2500		103	70-125			
Dichlorodifluoromethane	1740	200	ug/kg	2500		70	10-155			
1,1-Dichloroethane	2530	100	ug/kg	2500		101	65-130			
1,2-Dichloroethane	2180	100	ug/kg	2500		87	60-145			
1,1-Dichloroethene	2650	250	ug/kg	2500		106	75-140			
cis-1,2-Dichloroethene	2840	100	ug/kg	2500		114	65-130			
trans-1,2-Dichloroethene	2750	100	ug/kg	2500		110	65-130			
1,2-Dichloropropane	2760	100	ug/kg	2500		111	75-125			
1,3-Dichloropropane	2620	100	ug/kg	2500		105	65-130			
2,2-Dichloropropane	2350	100	ug/kg	2500		94	60-145			
cis-1,3-Dichloropropene	3280	100	ug/kg	2500		131	70-130			*L*
trans-1,3-Dichloropropene	2410	100	ug/kg	2500		97	65-135			
1,1-Dichloropropene	2720	100	ug/kg	2500		109	70-130			
Ethylbenzene	2720	100	ug/kg	2500		109	80-120			
Hexachlorobutadiene	2650	250	ug/kg	2500		106	60-135			
Isopropylbenzene	2820	100	ug/kg	2500		113	70-125			
p-Isopropyltoluene	2800	100	ug/kg	2500		112	70-125			
Methylene chloride	2610	1000	ug/kg	2500		104	60-140			
Naphthalene	2700	250	ug/kg	2500		108	50-140			
n-Propylbenzene	2790	100	ug/kg	2500		112	70-130			
Styrene	2850	100	ug/kg	2500		114	70-135			
1,1,1,2-Tetrachloroethane	2520	250	ug/kg	2500		101	70-140			
1,1,2,2-Tetrachloroethane	2700	100	ug/kg	2500		108	55-135			
Tetrachloroethene	2650	100	ug/kg	2500		106	65-125			
Toluene	2780	100	ug/kg	2500		111	80-120			
1,2,3-Trichlorobenzene	2620	250	ug/kg	2500		105	60-135			
1,2,4-Trichlorobenzene	2660	250	ug/kg	2500		106	65-135			
1,1,1-Trichloroethane	2270	100	ug/kg	2500		91	65-140			
1,1,2-Trichloroethane	2770	100	ug/kg	2500		111	65-130			
Trichloroethene	2710	100	ug/kg	2500		108	70-130			
Trichlorofluoromethane	1560	250	ug/kg	2500		63	50-145			
1,2,3-Trichloropropane	2460	500	ug/kg	2500		98	55-130			
1,2,4-Trimethylbenzene	2790	100	ug/kg	2500		112	70-125			
1,3,5-Trimethylbenzene	2790	100	ug/kg	2500		112	70-125			
Vinyl chloride	1380	250	ug/kg	2500		55	10-120			
m,p-Xylenes	5500	100	ug/kg	5000		110	70-125			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18028-BS1)										**MNR1**
o-Xylene	2760	100	ug/kg	2500		111	70-125			
Surrogate: 4-Bromofluorobenzene	*2410*		*ug/kg*	*2500*		*97*	*65-140*			
Surrogate: Dibromofluoromethane	*2340*		*ug/kg*	*2500*		*94*	*55-140*			
Surrogate: Toluene-d8	*2590*		*ug/kg*	*2500*		*104*	*60-140*			
LCS Dup Analyzed: 11/18/2008 (8K18028-BSD1)										
Benzene	2800	100	ug/kg	2500		112	65-120	3	20	
Bromobenzene	2920	250	ug/kg	2500		117	70-120	3	20	
Bromochloromethane	2710	250	ug/kg	2500		108	65-125	4	20	
Bromodichloromethane	2340	100	ug/kg	2500		93	65-135	3	20	
Bromoform	1560	250	ug/kg	2500		63	50-130	15	25	
Bromomethane	1250	250	ug/kg	2500		50	30-140	1	30	
n-Butylbenzene	2880	250	ug/kg	2500		115	70-130	4	20	
sec-Butylbenzene	2910	250	ug/kg	2500		116	70-125	3	20	
tert-Butylbenzene	2830	250	ug/kg	2500		113	70-125	2	20	
Carbon tetrachloride	2270	250	ug/kg	2500		91	65-145	2	20	
Chlorobenzene	2260	100	ug/kg	2500		90	70-125	16	20	
Chloroethane	1880	250	ug/kg	2500		75	40-140	4	25	
Chloroform	2300	100	ug/kg	2500		92	75-130	2	20	
Chloromethane	2030	250	ug/kg	2500		81	30-140	5	25	
2-Chlorotoluene	2740	250	ug/kg	2500		110	70-125	4	20	
4-Chlorotoluene	2740	250	ug/kg	2500		109	70-125	3	20	
1,2-Dibromo-3-chloropropane	2400	250	ug/kg	2500		96	45-135	9	25	
Dibromochloromethane	2040	100	ug/kg	2500		81	65-140	16	20	
1,2-Dibromoethane (EDB)	2170	100	ug/kg	2500		87	70-130	15	20	
Dibromomethane	2610	100	ug/kg	2500		104	65-130	4	20	
1,2-Dichlorobenzene	2870	100	ug/kg	2500		115	70-120	6	20	
1,3-Dichlorobenzene	2900	100	ug/kg	2500		116	70-125	4	20	
1,4-Dichlorobenzene	2730	100	ug/kg	2500		109	70-125	5	20	
Dichlorodifluoromethane	1700	200	ug/kg	2500		68	10-155	3	30	
1,1-Dichloroethane	2560	100	ug/kg	2500		102	65-130	1	20	
1,2-Dichloroethane	2250	100	ug/kg	2500		90	60-145	3	20	
1,1-Dichloroethene	2670	250	ug/kg	2500		107	75-140	1	20	
cis-1,2-Dichloroethene	2960	100	ug/kg	2500		119	65-130	4	20	
trans-1,2-Dichloroethene	2830	100	ug/kg	2500		113	65-130	3	20	
1,2-Dichloropropane	2850	100	ug/kg	2500		114	75-125	3	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
LCS Dup Analyzed: 11/18/2008 (8K18028-BSD1)										
1,3-Dichloropropane	2270	100	ug/kg	2500		91	65-130	14	20	
2,2-Dichloropropane	2460	100	ug/kg	2500		98	60-145	4	25	
cis-1,3-Dichloropropene	3350	100	ug/kg	2500		134	70-130	2	20	*L*
trans-1,3-Dichloropropene	2500	100	ug/kg	2500		100	65-135	4	20	
1,1-Dichloropropene	2790	100	ug/kg	2500		112	70-130	3	20	
Ethylbenzene	2310	100	ug/kg	2500		93	80-120	16	20	
Hexachlorobutadiene	2670	250	ug/kg	2500		107	60-135	1	20	
Isopropylbenzene	2920	100	ug/kg	2500		117	70-125	3	20	
p-Isopropyltoluene	2910	100	ug/kg	2500		116	70-125	4	20	
Methylene chloride	2730	1000	ug/kg	2500		109	60-140	5	20	
Naphthalene	2950	250	ug/kg	2500		118	50-140	9	25	
n-Propylbenzene	2950	100	ug/kg	2500		118	70-130	5	20	
Styrene	2410	100	ug/kg	2500		97	70-135	16	20	
1,1,1,2-Tetrachloroethane	2130	250	ug/kg	2500		85	70-140	17	20	
1,1,2,2-Tetrachloroethane	2940	100	ug/kg	2500		118	55-135	8	25	
Tetrachloroethene	2210	100	ug/kg	2500		88	65-125	18	20	
Toluene	2860	100	ug/kg	2500		114	80-120	3	20	
1,2,3-Trichlorobenzene	2770	250	ug/kg	2500		111	60-135	6	20	
1,2,4-Trichlorobenzene	2800	250	ug/kg	2500		112	65-135	5	20	
1,1,1-Trichloroethane	2330	100	ug/kg	2500		93	65-140	3	20	
1,1,2-Trichloroethane	2820	100	ug/kg	2500		113	65-130	2	20	
Trichloroethene	2810	100	ug/kg	2500		112	70-130	4	20	
Trichlorofluoromethane	1590	250	ug/kg	2500		64	50-145	1	25	
1,2,3-Trichloropropane	2710	500	ug/kg	2500		108	55-130	10	25	
1,2,4-Trimethylbenzene	2900	100	ug/kg	2500		116	70-125	4	20	
1,3,5-Trimethylbenzene	2880	100	ug/kg	2500		115	70-125	3	20	
Vinyl chloride	1380	250	ug/kg	2500		55	10-120	0	30	
m,p-Xylenes	4720	100	ug/kg	5000		94	70-125	15	20	
o-Xylene	2310	100	ug/kg	2500		92	70-125	18	20	
Surrogate: 4-Bromofluorobenzene	*1970*		*ug/kg*	*2500*		*79*	*65-140*			
Surrogate: Dibromofluoromethane	*2290*		*ug/kg*	*2500*		*92*	*55-140*			
Surrogate: Toluene-d8	*2550*		*ug/kg*	*2500*		*102*	*60-140*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*6090*		*ug/kg*	*6670*		*91*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2250*		*ug/kg*	*3330*		*67*	*35-120*			
Surrogate: 2-Fluorophenol	*4990*		*ug/kg*	*6670*		*75*	*25-120*			
Surrogate: Nitrobenzene-d5	*2370*		*ug/kg*	*3330*		*71*	*30-120*			

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B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
Surrogate: Phenol-d6	*4950*		*ug/kg*	*6670*		*74*	*35-120*			
Surrogate: Terphenyl-d14	*2890*		*ug/kg*	*3330*		*87*	*40-135*			
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
Acenaphthene	2610	330	ug/kg	3330		78	50-120			
Acenaphthylene	2570	330	ug/kg	3330		77	50-120			
Aniline	2380	420	ug/kg	3330		71	25-120			
Anthracene	3270	330	ug/kg	3330		98	55-120			
Benzidine	2500	660	ug/kg	3330		75	20-120			
Benzo(a)anthracene	2980	330	ug/kg	3330		89	55-120			
Benzo(a)pyrene	3160	330	ug/kg	3330		95	50-125			
Benzo(b)fluoranthene	2840	330	ug/kg	3330		85	45-125			
Benzo(g,h,i)perylene	3680	330	ug/kg	3330		110	35-130			
Benzo(k)fluoranthene	3190	330	ug/kg	3330		96	45-125			
Benzoic acid	2690	830	ug/kg	3330		81	20-120			
Benzyl alcohol	2940	330	ug/kg	3330		88	35-120			
4-Bromophenyl phenyl ether	2880	330	ug/kg	3330		87	45-120			
Butyl benzyl phthalate	3750	330	ug/kg	3330		113	50-125			
4-Chloro-3-methylphenol	3360	330	ug/kg	3330		101	50-125			
4-Chloroaniline	2140	330	ug/kg	3330		64	20-120			
Bis(2-chloroethoxy)methane	2670	330	ug/kg	3330		80	45-120			
Bis(2-chloroethyl)ether	2560	170	ug/kg	3330		77	35-120			
Bis(2-chloroisopropyl)ether	2870	330	ug/kg	3330		86	40-120			
2-Chloronaphthalene	2520	330	ug/kg	3330		76	45-120			
2-Chlorophenol	2680	330	ug/kg	3330		80	40-120			
4-Chlorophenyl phenyl ether	2780	330	ug/kg	3330		84	55-120			
Chrysene	3010	330	ug/kg	3330		90	55-120			
Dibenz(a,h)anthracene	3220	420	ug/kg	3330		97	40-135			
Dibenzofuran	2850	330	ug/kg	3330		86	55-120			
Di-n-butyl phthalate	3680	330	ug/kg	3330		110	50-125			
1,2-Dichlorobenzene	2240	330	ug/kg	3330		67	40-120			
1,3-Dichlorobenzene	2010	330	ug/kg	3330		60	35-120			
1,4-Dichlorobenzene	2040	330	ug/kg	3330		61	35-120			
3,3'-Dichlorobenzidine	2330	830	ug/kg	3330		70	20-130			
2,4-Dichlorophenol	3120	330	ug/kg	3330		94	45-120			
Diethyl phthalate	2970	330	ug/kg	3330		89	50-125			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
2,4-Dimethylphenol	2950	330	ug/kg	3330		89	40-120			
Dimethyl phthalate	2850	330	ug/kg	3330		86	50-125			
4,6-Dinitro-2-methylphenol	3060	420	ug/kg	3330		92	40-120			
2,4-Dinitrophenol	2250	660	ug/kg	3330		67	25-120			
2,4-Dinitrotoluene	2990	330	ug/kg	3330		90	55-125			
2,6-Dinitrotoluene	2880	330	ug/kg	3330		86	55-125			
Di-n-octyl phthalate	3530	330	ug/kg	3330		106	50-135			
1,2-Diphenylhydrazine/Azobenzene	2940	330	ug/kg	3330		88	50-125			
Bis(2-ethylhexyl)phthalate	3520	330	ug/kg	3330		106	50-130			
Fluoranthene	3270	330	ug/kg	3330		98	55-120			
Fluorene	2800	330	ug/kg	3330		84	55-120			
Hexachlorobenzene	2610	330	ug/kg	3330		78	50-120			
Hexachlorobutadiene	2370	330	ug/kg	3330		71	40-120			
Hexachlorocyclopentadiene	2220	830	ug/kg	3330		67	30-125			
Hexachloroethane	2080	330	ug/kg	3330		62	40-120			
Indeno(1,2,3-cd)pyrene	3260	330	ug/kg	3330		98	30-135			
Isophorone	2630	330	ug/kg	3330		79	40-120			
2-Methylnaphthalene	2820	330	ug/kg	3330		85	45-120			
2-Methylphenol	2990	330	ug/kg	3330		90	40-120			
4-Methylphenol	2970	330	ug/kg	3330		89	45-120			
Naphthalene	2360	330	ug/kg	3330		71	45-120			
2-Nitroaniline	3600	330	ug/kg	3330		108	50-125			
3-Nitroaniline	2440	330	ug/kg	3330		73	35-120			
4-Nitroaniline	2990	830	ug/kg	3330		90	45-125			
Nitrobenzene	2700	330	ug/kg	3330		81	45-120			
2-Nitrophenol	2610	330	ug/kg	3330		78	45-120			
4-Nitrophenol	2930	830	ug/kg	3330		88	40-125			
N-Nitroso-di-n-propylamine	2800	250	ug/kg	3330		84	40-120			
N-Nitrosodiphenylamine	2950	330	ug/kg	3330		89	50-120			
Pentachlorophenol	2700	830	ug/kg	3330		81	40-120			
Phenanthrene	3280	330	ug/kg	3330		98	50-120			
Phenol	2700	330	ug/kg	3330		81	40-120			
Pyrene	3010	330	ug/kg	3330		90	45-125			
1,2,4-Trichlorobenzene	2350	330	ug/kg	3330		70	40-120			
2,4,5-Trichlorophenol	3040	330	ug/kg	3330		91	50-120			
2,4,6-Trichlorophenol	2820	330	ug/kg	3330		85	50-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
Surrogate: 2,4,6-Tribromophenol	*5760*		*ug/kg*	*6670*		*86*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2630*		*ug/kg*	*3330*		*79*	*35-120*			
Surrogate: 2-Fluorophenol	*5530*		*ug/kg*	*6670*		*83*	*25-120*			
Surrogate: Nitrobenzene-d5	*2710*		*ug/kg*	*3330*		*81*	*30-120*			
Surrogate: Phenol-d6	*5960*		*ug/kg*	*6670*		*89*	*35-120*			
Surrogate: Terphenyl-d14	*2960*		*ug/kg*	*3330*		*89*	*40-135*			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21078 Extracted: 11/21/08										
Blank Analyzed: 11/24/2008 (8K21078-BLK1)										
Acenaphthene	ND	0.050	mg/l							
Acenaphthylene	ND	0.050	mg/l							
Aniline	ND	0.050	mg/l							
Anthracene	ND	0.050	mg/l							
Benzidine	ND	0.50	mg/l							
Benzo(a)anthracene	ND	0.050	mg/l							
Benzo(a)pyrene	ND	0.050	mg/l							
Benzo(b)fluoranthene	ND	0.050	mg/l							
Benzo(g,h,i)perylene	ND	0.050	mg/l							
Benzo(k)fluoranthene	ND	0.050	mg/l							
Benzoic acid	ND	0.50	mg/l							
Benzyl alcohol	ND	0.10	mg/l							
4-Bromophenyl phenyl ether	ND	0.050	mg/l							
Butyl benzyl phthalate	ND	0.10	mg/l							
4-Chloro-3-methylphenol	ND	0.10	mg/l							
4-Chloroaniline	ND	0.050	mg/l							
Bis(2-chloroethoxy)methane	ND	0.050	mg/l							
Bis(2-chloroethyl)ether	ND	0.050	mg/l							
Bis(2-chloroisopropyl)ether	ND	0.050	mg/l							
2-Chloronaphthalene	ND	0.050	mg/l							
2-Chlorophenol	ND	0.050	mg/l							
4-Chlorophenyl phenyl ether	ND	0.050	mg/l							
Chrysene	ND	0.050	mg/l							
Dibenz(a,h)anthracene	ND	0.10	mg/l							
Dibenzofuran	ND	0.050	mg/l							
Di-n-butyl phthalate	ND	0.10	mg/l							
1,2-Dichlorobenzene	ND	0.050	mg/l							
1,3-Dichlorobenzene	ND	0.050	mg/l							
1,4-Dichlorobenzene	ND	0.050	mg/l							
3,3'-Dichlorobenzidine	ND	0.20	mg/l							
2,4-Dichlorophenol	ND	0.050	mg/l							
Diethyl phthalate	ND	0.050	mg/l							
2,4-Dimethylphenol	ND	0.10	mg/l							
Dimethyl phthalate	ND	0.050	mg/l							
4,6-Dinitro-2-methylphenol	ND	0.20	mg/l							
2,4-Dinitrophenol	ND	0.50	mg/l							

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21078 Extracted: 11/21/08										
Blank Analyzed: 11/24/2008 (8K21078-BLK1)										
2,4-Dinitrotoluene	ND	0.050	mg/l							
2,6-Dinitrotoluene	ND	0.050	mg/l							
Di-n-octyl phthalate	ND	0.20	mg/l							
1,2-Diphenylhydrazine/Azobenzene	ND	0.10	mg/l							
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/l							
Fluoranthene	ND	0.050	mg/l							
Fluorene	ND	0.050	mg/l							
Hexachlorobenzene	ND	0.050	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Hexachlorocyclopentadiene	ND	0.20	mg/l							
Hexachloroethane	ND	0.050	mg/l							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/l							
Isophorone	ND	0.050	mg/l							
2-Methylnaphthalene	ND	0.050	mg/l							
2-Methylphenol	ND	0.050	mg/l							
4-Methylphenol	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
2-Nitroaniline	ND	0.10	mg/l							
3-Nitroaniline	ND	0.10	mg/l							
4-Nitroaniline	ND	0.50	mg/l							
Nitrobenzene	ND	0.20	mg/l							
2-Nitrophenol	ND	0.050	mg/l							
4-Nitrophenol	ND	0.50	mg/l							
N-Nitroso-di-n-propylamine	ND	0.10	mg/l							
N-Nitrosodiphenylamine	ND	0.050	mg/l							
Pentachlorophenol	ND	0.20	mg/l							
Phenanthrene	ND	0.050	mg/l							
Phenol	ND	0.050	mg/l							
Pyrene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
2,4,5-Trichlorophenol	ND	0.10	mg/l							
2,4,6-Trichlorophenol	ND	0.10	mg/l							
Surrogate: 2,4,6-Tribromophenol	*0.997*		*mg/l*	*1.00*		*100*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.386*		*mg/l*	*0.500*		*77*	*45-120*			
Surrogate: 2-Fluorophenol	*0.733*		*mg/l*	*1.00*		*73*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.370*		*mg/l*	*0.500*		*74*	*40-120*			

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21078 Extracted: 11/21/08										
Blank Analyzed: 11/24/2008 (8K21078-BLK1)										
Surrogate: Phenol-d6	*0.758*		*mg/l*	*1.00*		*76*	*45-120*			
Surrogate: Terphenyl-d14	*0.381*		*mg/l*	*0.500*		*76*	*45-135*			
LCS Analyzed: 11/24/2008 (8K21078-BS1)										
Acenaphthene	0.369	0.050	mg/l	0.500		74	60-120			
Acenaphthylene	0.361	0.050	mg/l	0.500		72	60-120			
Aniline	0.328	0.050	mg/l	0.500		66	35-120			
Anthracene	0.472	0.050	mg/l	0.500		94	65-120			
Benzidine	0.384	0.50	mg/l	0.500		77	30-160			
Benzo(a)anthracene	0.450	0.050	mg/l	0.500		90	65-120			
Benzo(a)pyrene	0.428	0.050	mg/l	0.500		86	55-130			
Benzo(b)fluoranthene	0.416	0.050	mg/l	0.500		83	55-125			
Benzo(g,h,i)perylene	0.474	0.050	mg/l	0.500		95	45-135			
Benzo(k)fluoranthene	0.439	0.050	mg/l	0.500		88	50-125			
Benzoic acid	0.341	0.50	mg/l	0.500		68	25-120			
Benzyl alcohol	0.373	0.10	mg/l	0.500		75	50-120			
4-Bromophenyl phenyl ether	0.484	0.050	mg/l	0.500		97	60-120			
Butyl benzyl phthalate	0.474	0.10	mg/l	0.500		95	55-130			
4-Chloro-3-methylphenol	0.407	0.10	mg/l	0.500		81	60-120			
4-Chloroaniline	0.359	0.050	mg/l	0.500		72	55-120			
Bis(2-chloroethoxy)methane	0.372	0.050	mg/l	0.500		74	55-120			
Bis(2-chloroethyl)ether	0.356	0.050	mg/l	0.500		71	50-120			
Bis(2-chloroisopropyl)ether	0.282	0.050	mg/l	0.500		56	45-120			
2-Chloronaphthalene	0.375	0.050	mg/l	0.500		75	60-120			
2-Chlorophenol	0.328	0.050	mg/l	0.500		66	45-120			
4-Chlorophenyl phenyl ether	0.427	0.050	mg/l	0.500		85	65-120			
Chrysene	0.446	0.050	mg/l	0.500		89	65-120			
Dibenz(a,h)anthracene	0.463	0.10	mg/l	0.500		93	50-135			
Dibenzofuran	0.396	0.050	mg/l	0.500		79	65-120			
Di-n-butyl phthalate	0.530	0.10	mg/l	0.500		106	60-125			
1,2-Dichlorobenzene	0.330	0.050	mg/l	0.500		66	40-120			
1,3-Dichlorobenzene	0.319	0.050	mg/l	0.500		64	35-120			
1,4-Dichlorobenzene	0.314	0.050	mg/l	0.500		63	35-120			
3,3'-Dichlorobenzidine	0.346	0.20	mg/l	0.500		69	45-135			
2,4-Dichlorophenol	0.396	0.050	mg/l	0.500		79	55-120			
Diethyl phthalate	0.433	0.050	mg/l	0.500		87	55-120			

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21078 Extracted: 11/21/08										
LCS Analyzed: 11/24/2008 (8K21078-BS1)										
2,4-Dimethylphenol	0.324	0.10	mg/l	0.500		65	40-120			
Dimethyl phthalate	0.424	0.050	mg/l	0.500		85	30-120			
4,6-Dinitro-2-methylphenol	0.417	0.20	mg/l	0.500		83	45-120			
2,4-Dinitrophenol	0.348	0.50	mg/l	0.500		70	40-120			
2,4-Dinitrotoluene	0.452	0.050	mg/l	0.500		90	65-120			
2,6-Dinitrotoluene	0.424	0.050	mg/l	0.500		85	65-120			
Di-n-octyl phthalate	0.450	0.20	mg/l	0.500		90	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.357	0.10	mg/l	0.500		71	60-120			
Bis(2-ethylhexyl)phthalate	0.430	0.25	mg/l	0.500		86	65-130			
Fluoranthene	0.523	0.050	mg/l	0.500		105	60-120			
Fluorene	0.424	0.050	mg/l	0.500		85	65-120			
Hexachlorobenzene	0.516	0.050	mg/l	0.500		103	60-120			
Hexachlorobutadiene	0.386	0.050	mg/l	0.500		77	40-120			
Hexachlorocyclopentadiene	0.292	0.20	mg/l	0.500		58	25-120			
Hexachloroethane	0.307	0.050	mg/l	0.500		61	35-120			
Indeno(1,2,3-cd)pyrene	0.478	0.10	mg/l	0.500		96	45-135			
Isophorone	0.374	0.050	mg/l	0.500		75	50-120			
2-Methylnaphthalene	0.384	0.050	mg/l	0.500		77	55-120			
2-Methylphenol	0.335	0.050	mg/l	0.500		67	50-120			
4-Methylphenol	0.351	0.050	mg/l	0.500		70	50-120			
Naphthalene	0.353	0.050	mg/l	0.500		71	55-120			
2-Nitroaniline	0.378	0.10	mg/l	0.500		76	65-120			
3-Nitroaniline	0.434	0.10	mg/l	0.500		87	60-120			
4-Nitroaniline	0.426	0.50	mg/l	0.500		85	55-125			
Nitrobenzene	0.336	0.20	mg/l	0.500		67	55-120			
2-Nitrophenol	0.375	0.050	mg/l	0.500		75	50-120			
4-Nitrophenol	0.309	0.50	mg/l	0.500		62	45-120			
N-Nitroso-di-n-propylamine	0.351	0.10	mg/l	0.500		70	45-120			
N-Nitrosodiphenylamine	0.463	0.050	mg/l	0.500		93	60-120			
Pentachlorophenol	0.463	0.20	mg/l	0.500		93	50-120			
Phenanthrene	0.472	0.050	mg/l	0.500		94	65-120			
Phenol	0.298	0.050	mg/l	0.500		60	40-120			
Pyrene	0.422	0.050	mg/l	0.500		84	55-125			
1,2,4-Trichlorobenzene	0.358	0.050	mg/l	0.500		72	45-120			
2,4,5-Trichlorophenol	0.421	0.10	mg/l	0.500		84	55-120			
2,4,6-Trichlorophenol	0.401	0.10	mg/l	0.500		80	55-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21078 Extracted: 11/21/08										
LCS Analyzed: 11/24/2008 (8K21078-BS1)										
Surrogate: 2,4,6-Tribromophenol	*0.970*		*mg/l*	*1.00*		*97*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.363*		*mg/l*	*0.500*		*73*	*45-120*			
Surrogate: 2-Fluorophenol	*0.597*		*mg/l*	*1.00*		*60*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.331*		*mg/l*	*0.500*		*66*	*40-120*			
Surrogate: Phenol-d6	*0.634*		*mg/l*	*1.00*		*63*	*45-120*			
Surrogate: Terphenyl-d14	*0.395*		*mg/l*	*0.500*		*79*	*45-135*			
Matrix Spike Analyzed: 11/24/2008 (8K21078-MS1)					**Source: IRK1439-03**					
Acenaphthene	0.412	0.050	mg/l	0.500	ND	82	60-120			
Acenaphthylene	0.412	0.050	mg/l	0.500	ND	82	60-120			
Aniline	0.312	0.050	mg/l	0.500	ND	62	35-120			
Anthracene	0.518	0.050	mg/l	0.500	ND	104	65-120			
Benzidine	0.0726	0.50	mg/l	0.500	ND	15	30-160			*M2*
Benzo(a)anthracene	0.480	0.050	mg/l	0.500	ND	96	65-120			
Benzo(a)pyrene	0.449	0.050	mg/l	0.500	ND	90	55-130			
Benzo(b)fluoranthene	0.433	0.050	mg/l	0.500	ND	87	55-125			
Benzo(g,h,i)perylene	0.496	0.050	mg/l	0.500	ND	99	45-135			
Benzo(k)fluoranthene	0.471	0.050	mg/l	0.500	ND	94	55-125			
Benzoic acid	0.461	0.50	mg/l	0.500	0.0539	81	25-125			
Benzyl alcohol	0.470	0.10	mg/l	0.500	ND	94	40-120			
4-Bromophenyl phenyl ether	0.554	0.050	mg/l	0.500	ND	111	60-120			
Butyl benzyl phthalate	0.493	0.10	mg/l	0.500	ND	99	55-130			
4-Chloro-3-methylphenol	0.478	0.10	mg/l	0.500	ND	96	60-120			
4-Chloroaniline	0.413	0.050	mg/l	0.500	ND	83	55-120			
Bis(2-chloroethoxy)methane	0.446	0.050	mg/l	0.500	ND	89	50-120			
Bis(2-chloroethyl)ether	0.431	0.050	mg/l	0.500	ND	86	50-120			
Bis(2-chloroisopropyl)ether	0.342	0.050	mg/l	0.500	ND	68	45-120			
2-Chloronaphthalene	0.429	0.050	mg/l	0.500	ND	86	60-120			
2-Chlorophenol	0.401	0.050	mg/l	0.500	ND	80	45-120			
4-Chlorophenyl phenyl ether	0.481	0.050	mg/l	0.500	ND	96	65-120			
Chrysene	0.466	0.050	mg/l	0.500	ND	93	65-120			
Dibenz(a,h)anthracene	0.493	0.10	mg/l	0.500	ND	99	45-135			
Dibenzofuran	0.442	0.050	mg/l	0.500	ND	88	65-120			
Di-n-butyl phthalate	0.556	0.10	mg/l	0.500	ND	111	60-125			
1,2-Dichlorobenzene	0.399	0.050	mg/l	0.500	ND	80	40-120			
1,3-Dichlorobenzene	0.374	0.050	mg/l	0.500	ND	75	35-120			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21078 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/24/2008 (8K21078-MS1)					**Source: IRK1439-03**					
1,4-Dichlorobenzene	0.373	0.050	mg/l	0.500	ND	75	35-120			
3,3'-Dichlorobenzidine	0.239	0.20	mg/l	0.500	ND	48	45-135			
2,4-Dichlorophenol	0.487	0.050	mg/l	0.500	ND	97	55-120			
Diethyl phthalate	0.459	0.050	mg/l	0.500	ND	92	55-120			
2,4-Dimethylphenol	0.362	0.10	mg/l	0.500	ND	72	40-120			
Dimethyl phthalate	0.462	0.050	mg/l	0.500	ND	92	30-120			
4,6-Dinitro-2-methylphenol	0.478	0.20	mg/l	0.500	ND	96	45-120			
2,4-Dinitrophenol	0.420	0.50	mg/l	0.500	ND	84	40-120			
2,4-Dinitrotoluene	0.484	0.050	mg/l	0.500	ND	97	65-120			
2,6-Dinitrotoluene	0.465	0.050	mg/l	0.500	ND	93	65-120			
Di-n-octyl phthalate	0.446	0.20	mg/l	0.500	ND	89	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.409	0.10	mg/l	0.500	ND	82	60-120			
Bis(2-ethylhexyl)phthalate	0.420	0.25	mg/l	0.500	ND	84	65-130			
Fluoranthene	0.562	0.050	mg/l	0.500	ND	112	60-120			
Fluorene	0.475	0.050	mg/l	0.500	ND	95	65-120			
Hexachlorobenzene	0.575	0.050	mg/l	0.500	ND	115	60-120			
Hexachlorobutadiene	0.435	0.050	mg/l	0.500	ND	87	40-120			
Hexachlorocyclopentadiene	0.351	0.20	mg/l	0.500	ND	70	25-120			
Hexachloroethane	0.350	0.050	mg/l	0.500	ND	70	35-120			
Indeno(1,2,3-cd)pyrene	0.566	0.10	mg/l	0.500	ND	113	40-135			
Isophorone	0.444	0.050	mg/l	0.500	ND	89	50-120			
2-Methylnaphthalene	0.451	0.050	mg/l	0.500	ND	90	55-120			
2-Methylphenol	0.424	0.050	mg/l	0.500	ND	85	50-120			
4-Methylphenol	0.441	0.050	mg/l	0.500	ND	88	50-120			
Naphthalene	0.418	0.050	mg/l	0.500	ND	84	55-120			
2-Nitroaniline	0.388	0.10	mg/l	0.500	ND	78	65-120			
3-Nitroaniline	0.420	0.10	mg/l	0.500	ND	84	60-120			
4-Nitroaniline	0.375	0.50	mg/l	0.500	ND	75	55-125			
Nitrobenzene	0.405	0.20	mg/l	0.500	ND	81	55-120			
2-Nitrophenol	0.453	0.050	mg/l	0.500	ND	91	50-120			
4-Nitrophenol	0.350	0.50	mg/l	0.500	ND	70	45-120			
N-Nitroso-di-n-propylamine	0.451	0.10	mg/l	0.500	ND	90	45-120			
N-Nitrosodiphenylamine	0.519	0.050	mg/l	0.500	ND	104	60-120			
Pentachlorophenol	0.549	0.20	mg/l	0.500	ND	110	50-120			
Phenanthrene	0.516	0.050	mg/l	0.500	ND	103	65-120			
Phenol	0.451	0.050	mg/l	0.500	0.0489	80	40-120			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21078 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/24/2008 (8K21078-MS1)					**Source: IRK1439-03**					
Pyrene	0.470	0.050	mg/l	0.500	ND	94	55-125			
1,2,4-Trichlorobenzene	0.433	0.050	mg/l	0.500	ND	87	45-120			
2,4,5-Trichlorophenol	0.479	0.10	mg/l	0.500	ND	96	55-120			
2,4,6-Trichlorophenol	0.452	0.10	mg/l	0.500	ND	90	55-120			
Surrogate: 2,4,6-Tribromophenol	*1.14*		*mg/l*	*1.00*		*114*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.416*		*mg/l*	*0.500*		*83*	*45-120*			
Surrogate: 2-Fluorophenol	*0.707*		*mg/l*	*1.00*		*71*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.394*		*mg/l*	*0.500*		*79*	*40-120*			
Surrogate: Phenol-d6	*0.799*		*mg/l*	*1.00*		*80*	*45-120*			
Surrogate: Terphenyl-d14	*0.422*		*mg/l*	*0.500*		*84*	*45-135*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17050 Extracted: 11/17/08										
Blank Analyzed: 11/20/2008 (8K17050-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*29.0*		*ug/kg*	*33.3*		*87*	*45-120*			
LCS Analyzed: 11/20/2008 (8K17050-BS1)										
Aroclor 1016	279	50	ug/kg	267		105	65-115			
Aroclor 1260	265	50	ug/kg	267		99	65-115			
Surrogate: Decachlorobiphenyl	*30.7*		*ug/kg*	*33.3*		*92*	*45-120*			
Matrix Spike Analyzed: 11/20/2008 (8K17050-MS1)					**Source: IRK1439-02**					
Aroclor 1016	344	50	ug/kg	266	ND	129	50-120			*M1*
Aroclor 1260	328	50	ug/kg	266	67.7	98	50-125			
Surrogate: Decachlorobiphenyl	*31.0*		*ug/kg*	*33.3*		*93*	*45-120*			
Matrix Spike Dup Analyzed: 11/20/2008 (8K17050-MSD1)					**Source: IRK1439-02**					
Aroclor 1016	326	50	ug/kg	267	ND	122	50-120	5	30	*M1*
Aroclor 1260	318	50	ug/kg	267	67.7	94	50-125	3	30	
Surrogate: Decachlorobiphenyl	*31.3*		*ug/kg*	*33.3*		*94*	*45-120*			
Batch: 8K25072 Extracted: 11/17/08										
Blank Analyzed: 11/24/2008 (8K25072-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*25.4*		*ug/kg*	*33.3*		*76*	*45-120*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K25072 Extracted: 11/17/08										
LCS Analyzed: 11/24/2008 (8K25072-BS1)										
Aroclor 1016	248	50	ug/kg	267		93	65-115			
Aroclor 1260	217	50	ug/kg	267		81	65-115			
Surrogate: Decachlorobiphenyl	*20.8*		*ug/kg*	*33.3*		*62*	*45-120*			
Matrix Spike Analyzed: 11/24/2008 (8K25072-MS1)					**Source: IRK1439-02RE1**					
Aroclor 1016	236	50	ug/kg	266	ND	88	50-120			
Aroclor 1260	250	50	ug/kg	266	48.5	76	50-125			
Surrogate: Decachlorobiphenyl	*20.4*		*ug/kg*	*33.3*		*61*	*45-120*			
Matrix Spike Dup Analyzed: 11/24/2008 (8K25072-MSD1)					**Source: IRK1439-02RE1**					
Aroclor 1016	258	50	ug/kg	267	ND	97	50-120	9	30	
Aroclor 1260	290	50	ug/kg	267	48.5	91	50-125	15	30	
Surrogate: Decachlorobiphenyl	*23.4*		*ug/kg*	*33.3*		*70*	*45-120*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22017 Extracted: 11/20/08										
Blank Analyzed: 11/22/2008 (8K22017-BLK1)										
Benzene	ND	0.020	mg/l							
Bromobenzene	ND	0.050	mg/l							
Bromochloromethane	ND	0.050	mg/l							
Bromodichloromethane	ND	0.020	mg/l							
Bromoform	ND	0.050	mg/l							
Bromomethane	ND	0.050	mg/l							
2-Butanone (MEK)	ND	0.10	mg/l							
n-Butylbenzene	ND	0.050	mg/l							
tert-Butylbenzene	ND	0.050	mg/l							
sec-Butylbenzene	ND	0.050	mg/l							
Carbon tetrachloride	ND	0.050	mg/l							
Chlorobenzene	ND	0.020	mg/l							
Chloroethane	ND	0.050	mg/l							
Chloroform	ND	0.020	mg/l							
Chloromethane	ND	0.050	mg/l							
4-Chlorotoluene	ND	0.050	mg/l							
2-Chlorotoluene	ND	0.050	mg/l							
1,2-Dibromo-3-chloropropane	ND	0.050	mg/l							
Dibromochloromethane	ND	0.020	mg/l							
1,2-Dibromoethane (EDB)	ND	0.020	mg/l							
Dibromomethane	ND	0.020	mg/l							
1,2-Dichlorobenzene	ND	0.020	mg/l							
1,3-Dichlorobenzene	ND	0.020	mg/l							
1,4-Dichlorobenzene	ND	0.020	mg/l							
Dichlorodifluoromethane	ND	0.050	mg/l							
1,1-Dichloroethane	ND	0.020	mg/l							
1,2-Dichloroethane	ND	0.020	mg/l							
1,1-Dichloroethene	ND	0.050	mg/l							
cis-1,2-Dichloroethene	ND	0.020	mg/l							
trans-1,2-Dichloroethene	ND	0.020	mg/l							
1,3-Dichloropropane	ND	0.020	mg/l							
2,2-Dichloropropane	ND	0.020	mg/l							
1,2-Dichloropropane	ND	0.020	mg/l							
cis-1,3-Dichloropropene	ND	0.020	mg/l							
trans-1,3-Dichloropropene	ND	0.020	mg/l							
1,1-Dichloropropene	ND	0.020	mg/l							

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/12/08
San Diego, CA 92108	Report Number:	IRK1439	Received: 11/13/08
Attention: George Cebula			

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22017 Extracted: 11/20/08										
Blank Analyzed: 11/22/2008 (8K22017-BLK1)										
Ethylbenzene	ND	0.020	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Isopropylbenzene	ND	0.020	mg/l							
p-Isopropyltoluene	ND	0.020	mg/l							
Methylene chloride	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
n-Propylbenzene	ND	0.020	mg/l							
Styrene	ND	0.020	mg/l							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/l							
1,1,2,2-Tetrachloroethane	ND	0.020	mg/l							
Tetrachloroethene	ND	0.020	mg/l							
Toluene	ND	0.020	mg/l							
1,2,3-Trichlorobenzene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
1,1,1-Trichloroethane	ND	0.020	mg/l							
1,1,2-Trichloroethane	ND	0.020	mg/l							
Trichloroethene	ND	0.020	mg/l							
Trichlorofluoromethane	ND	0.050	mg/l							
1,2,3-Trichloropropane	ND	0.10	mg/l							
1,2,4-Trimethylbenzene	ND	0.020	mg/l							
1,3,5-Trimethylbenzene	ND	0.020	mg/l							
Vinyl chloride	ND	0.050	mg/l							
m,p-Xylenes	ND	0.020	mg/l							
o-Xylene	ND	0.020	mg/l							
Surrogate: 4-Bromofluorobenzene	*0.224*		*mg/l*	*0.250*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*0.222*		*mg/l*	*0.250*		*89*	*80-120*			
Surrogate: Toluene-d8	*0.247*		*mg/l*	*0.250*		*99*	*80-120*			

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22017 Extracted: 11/20/08										
LCS Analyzed: 11/22/2008 (8K22017-BS1)										
Benzene	0.261	0.020	mg/l	0.250		104	70-120			
Bromobenzene	0.259	0.050	mg/l	0.250		103	75-120			
Bromochloromethane	0.238	0.050	mg/l	0.250		95	70-130			
Bromodichloromethane	0.266	0.020	mg/l	0.250		106	70-135			
Bromoform	0.231	0.050	mg/l	0.250		93	55-130			
Bromomethane	0.228	0.050	mg/l	0.250		91	65-140			
2-Butanone (MEK)	0.215	0.10	mg/l	0.250		86	40-140			
n-Butylbenzene	0.294	0.050	mg/l	0.250		118	70-130			
tert-Butylbenzene	0.278	0.050	mg/l	0.250		111	70-125			
sec-Butylbenzene	0.293	0.050	mg/l	0.250		117	70-125			
Carbon tetrachloride	0.270	0.050	mg/l	0.250		108	65-140			
Chlorobenzene	0.262	0.020	mg/l	0.250		105	75-120			
Chloroethane	0.231	0.050	mg/l	0.250		93	60-140			
Chloroform	0.235	0.020	mg/l	0.250		94	70-130			
Chloromethane	0.211	0.050	mg/l	0.250		84	50-140			
4-Chlorotoluene	0.285	0.050	mg/l	0.250		114	75-125			
2-Chlorotoluene	0.274	0.050	mg/l	0.250		110	70-125			
1,2-Dibromo-3-chloropropane	0.240	0.050	mg/l	0.250		96	50-135			
Dibromochloromethane	0.243	0.020	mg/l	0.250		97	70-140			
1,2-Dibromoethane (EDB)	0.264	0.020	mg/l	0.250		106	75-125			
Dibromomethane	0.252	0.020	mg/l	0.250		101	70-125			
1,2-Dichlorobenzene	0.274	0.020	mg/l	0.250		110	75-120			
1,3-Dichlorobenzene	0.269	0.020	mg/l	0.250		108	75-120			
1,4-Dichlorobenzene	0.264	0.020	mg/l	0.250		105	75-120			
Dichlorodifluoromethane	0.253	0.050	mg/l	0.250		101	35-155			
1,1-Dichloroethane	0.248	0.020	mg/l	0.250		99	70-125			
1,2-Dichloroethane	0.249	0.020	mg/l	0.250		100	60-140			
1,1-Dichloroethene	0.248	0.050	mg/l	0.250		99	70-125			
cis-1,2-Dichloroethene	0.259	0.020	mg/l	0.250		103	70-125			
trans-1,2-Dichloroethene	0.256	0.020	mg/l	0.250		103	70-125			
1,3-Dichloropropane	0.260	0.020	mg/l	0.250		104	70-120			
2,2-Dichloropropane	0.294	0.020	mg/l	0.250		118	65-140			
1,2-Dichloropropane	0.256	0.020	mg/l	0.250		102	70-125			
cis-1,3-Dichloropropene	0.336	0.020	mg/l	0.250		134	75-125			*L*
trans-1,3-Dichloropropene	0.246	0.020	mg/l	0.250		98	70-125			
1,1-Dichloropropene	0.283	0.020	mg/l	0.250		113	75-130			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22017 Extracted: 11/20/08										
LCS Analyzed: 11/22/2008 (8K22017-BS1)										
Ethylbenzene	0.280	0.020	mg/l	0.250		112	75-125			
Hexachlorobutadiene	0.282	0.050	mg/l	0.250		113	65-135			
Isopropylbenzene	0.280	0.020	mg/l	0.250		112	75-130			
p-Isopropyltoluene	0.283	0.020	mg/l	0.250		113	75-125			
Methylene chloride	0.245	0.050	mg/l	0.250		98	55-130			
Naphthalene	0.285	0.050	mg/l	0.250		114	55-135			
n-Propylbenzene	0.289	0.020	mg/l	0.250		115	75-130			
Styrene	0.257	0.020	mg/l	0.250		103	75-130			
1,1,1,2-Tetrachloroethane	0.252	0.050	mg/l	0.250		101	70-130			
1,1,2,2-Tetrachloroethane	0.261	0.020	mg/l	0.250		105	55-130			
Tetrachloroethene	0.265	0.020	mg/l	0.250		106	70-125			
Toluene	0.285	0.020	mg/l	0.250		114	70-120			
1,2,3-Trichlorobenzene	0.276	0.050	mg/l	0.250		110	65-125			
1,2,4-Trichlorobenzene	0.287	0.050	mg/l	0.250		115	70-135			
1,1,1-Trichloroethane	0.267	0.020	mg/l	0.250		107	65-135			
1,1,2-Trichloroethane	0.257	0.020	mg/l	0.250		103	70-125			
Trichloroethene	0.258	0.020	mg/l	0.250		103	70-125			
Trichlorofluoromethane	0.230	0.050	mg/l	0.250		92	65-145			
1,2,3-Trichloropropane	0.267	0.10	mg/l	0.250		107	60-130			
1,2,4-Trimethylbenzene	0.289	0.020	mg/l	0.250		115	75-125			
1,3,5-Trimethylbenzene	0.285	0.020	mg/l	0.250		114	75-125			
Vinyl chloride	0.233	0.050	mg/l	0.250		93	55-135			
m,p-Xylenes	0.585	0.020	mg/l	0.500		117	75-125			
Surrogate: 4-Bromofluorobenzene	*0.246*		*mg/l*	*0.250*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*0.227*		*mg/l*	*0.250*		*91*	*80-120*			
Surrogate: Toluene-d8	*0.247*		*mg/l*	*0.250*		*99*	*80-120*			
Matrix Spike Analyzed: 11/22/2008 (8K22017-MS1)					**Source: IRK1439-03**					
Benzene	0.268	0.020	mg/l	0.250	ND	107	65-125			
Bromobenzene	0.265	0.050	mg/l	0.250	ND	106	70-125			
Bromochloromethane	0.246	0.050	mg/l	0.250	ND	98	65-135			
Bromodichloromethane	0.276	0.020	mg/l	0.250	ND	110	70-135			
Bromoform	0.243	0.050	mg/l	0.250	ND	97	55-135			
Bromomethane	0.235	0.050	mg/l	0.250	ND	94	55-145			
2-Butanone (MEK)	0.243	0.10	mg/l	0.250	ND	97	30-145			
n-Butylbenzene	0.300	0.050	mg/l	0.250	ND	120	65-135			

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22017 Extracted: 11/20/08										
Matrix Spike Analyzed: 11/22/2008 (8K22017-MS1)					**Source: IRK1439-03**					
tert-Butylbenzene	0.284	0.050	mg/l	0.250	ND	114	65-130			
sec-Butylbenzene	0.296	0.050	mg/l	0.250	ND	119	70-125			
Carbon tetrachloride	0.280	0.050	mg/l	0.250	ND	112	65-140			
Chlorobenzene	0.267	0.020	mg/l	0.250	ND	107	75-125			
Chloroethane	0.234	0.050	mg/l	0.250	ND	94	55-140			
Chloroform	0.239	0.020	mg/l	0.250	ND	96	65-135			
Chloromethane	0.228	0.050	mg/l	0.250	ND	91	45-145			
4-Chlorotoluene	0.293	0.050	mg/l	0.250	ND	117	70-135			
2-Chlorotoluene	0.283	0.050	mg/l	0.250	ND	113	65-135			
1,2-Dibromo-3-chloropropane	0.253	0.050	mg/l	0.250	ND	101	45-145			
Dibromochloromethane	0.252	0.020	mg/l	0.250	ND	101	65-140			
1,2-Dibromoethane (EDB)	0.274	0.020	mg/l	0.250	ND	110	70-130			
Dibromomethane	0.264	0.020	mg/l	0.250	ND	106	65-135			
1,2-Dichlorobenzene	0.283	0.020	mg/l	0.250	ND	113	75-125			
1,3-Dichlorobenzene	0.274	0.020	mg/l	0.250	ND	109	75-125			
1,4-Dichlorobenzene	0.271	0.020	mg/l	0.250	ND	108	75-125			
Dichlorodifluoromethane	0.268	0.050	mg/l	0.250	ND	107	25-155			
1,1-Dichloroethane	0.254	0.020	mg/l	0.250	ND	102	65-130			
1,2-Dichloroethane	0.260	0.020	mg/l	0.250	ND	104	60-140			
1,1-Dichloroethene	0.252	0.050	mg/l	0.250	ND	101	60-130			
cis-1,2-Dichloroethene	0.263	0.020	mg/l	0.250	ND	105	65-130			
trans-1,2-Dichloroethene	0.259	0.020	mg/l	0.250	ND	104	65-130			
1,3-Dichloropropane	0.269	0.020	mg/l	0.250	ND	108	65-135			
2,2-Dichloropropane	0.316	0.020	mg/l	0.250	ND	126	60-145			
1,2-Dichloropropane	0.265	0.020	mg/l	0.250	ND	106	65-130			
cis-1,3-Dichloropropene	0.352	0.020	mg/l	0.250	ND	141	70-130			*M7*
trans-1,3-Dichloropropene	0.257	0.020	mg/l	0.250	ND	103	65-135			
1,1-Dichloropropene	0.288	0.020	mg/l	0.250	ND	115	70-135			
Ethylbenzene	0.286	0.020	mg/l	0.250	ND	114	65-130			
Hexachlorobutadiene	0.285	0.050	mg/l	0.250	ND	114	60-135			
Isopropylbenzene	0.285	0.020	mg/l	0.250	ND	114	70-135			
p-Isopropyltoluene	0.288	0.020	mg/l	0.250	ND	115	65-130			
Methylene chloride	0.249	0.050	mg/l	0.250	0.0145	94	50-135			
Naphthalene	0.298	0.050	mg/l	0.250	ND	119	50-140			
n-Propylbenzene	0.295	0.020	mg/l	0.250	ND	118	70-135			
Styrene	0.266	0.020	mg/l	0.250	ND	106	50-145			

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B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22017 Extracted: 11/20/08										
Matrix Spike Analyzed: 11/22/2008 (8K22017-MS1)					**Source: IRK1439-03**					
1,1,1,2-Tetrachloroethane	0.262	0.050	mg/l	0.250	ND	105	65-140			
1,1,2,2-Tetrachloroethane	0.276	0.020	mg/l	0.250	ND	110	55-135			
Tetrachloroethene	0.268	0.020	mg/l	0.250	ND	107	65-130			
Toluene	0.292	0.020	mg/l	0.250	ND	117	70-125			
1,2,3-Trichlorobenzene	0.280	0.050	mg/l	0.250	ND	112	60-135			
1,2,4-Trichlorobenzene	0.290	0.050	mg/l	0.250	ND	116	65-135			
1,1,1-Trichloroethane	0.277	0.020	mg/l	0.250	ND	111	65-140			
1,1,2-Trichloroethane	0.270	0.020	mg/l	0.250	ND	108	65-130			
Trichloroethene	0.265	0.020	mg/l	0.250	ND	106	65-125			
Trichlorofluoromethane	0.240	0.050	mg/l	0.250	ND	96	60-145			
1,2,3-Trichloropropane	0.281	0.10	mg/l	0.250	ND	112	55-135			
1,2,4-Trimethylbenzene	0.296	0.020	mg/l	0.250	ND	119	55-135			
1,3,5-Trimethylbenzene	0.291	0.020	mg/l	0.250	ND	116	70-130			
Vinyl chloride	0.241	0.050	mg/l	0.250	ND	96	45-140			
m,p-Xylenes	0.595	0.020	mg/l	0.500	ND	119	65-130			
o-Xylene	0.296	0.020	mg/l	0.250	ND	118	65-125			
Surrogate: 4-Bromofluorobenzene	*0.243*		*mg/l*	*0.250*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*0.228*		*mg/l*	*0.250*		*91*	*80-120*			
Surrogate: Toluene-d8	*0.249*		*mg/l*	*0.250*		*99*	*80-120*			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K20126 Extracted: 11/20/08										
Blank Analyzed: 11/20/2008 (8K20126-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 11/20/2008 (8K20126-BS1)										
Mercury	0.860	0.020	mg/kg	0.800		108	80-120			
Matrix Spike Analyzed: 11/20/2008 (8K20126-MS1)					**Source: IRK1350-04**					
Mercury	0.819	0.020	mg/kg	0.800	0.0124	101	70-130			
Matrix Spike Dup Analyzed: 11/20/2008 (8K20126-MSD1)					**Source: IRK1350-04**					
Mercury	0.810	0.020	mg/kg	0.800	0.0124	100	70-130	1	20	
Batch: 8K21127 Extracted: 11/21/08										
Blank Analyzed: 11/22/2008 (8K21127-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21127 Extracted: 11/21/08										
LCS Analyzed: 11/22/2008 (8K21127-BS1)										
Antimony	47.5	10	mg/kg	50.0		95	80-120			
Arsenic	47.8	2.0	mg/kg	50.0		96	80-120			
Barium	48.0	1.0	mg/kg	50.0		96	80-120			
Beryllium	46.4	0.50	mg/kg	50.0		93	80-120			
Cadmium	45.8	0.50	mg/kg	50.0		92	80-120			
Chromium	46.2	1.0	mg/kg	50.0		92	80-120			
Cobalt	46.5	1.0	mg/kg	50.0		93	80-120			
Copper	47.3	2.0	mg/kg	50.0		95	80-120			
Lead	47.8	2.0	mg/kg	50.0		96	80-120			
Molybdenum	44.7	2.0	mg/kg	50.0		89	80-120			
Nickel	46.5	2.0	mg/kg	50.0		93	80-120			
Selenium	44.4	2.0	mg/kg	50.0		89	80-120			
Silver	23.1	1.0	mg/kg	25.0		92	80-120			
Thallium	44.5	10	mg/kg	50.0		89	80-120			
Vanadium	47.0	1.0	mg/kg	50.0		94	80-120			
Zinc	44.8	5.0	mg/kg	50.0		90	80-120			
Matrix Spike Analyzed: 11/22/2008 (8K21127-MS1)					**Source: IRK1669-01**					
Antimony	46.8	10	mg/kg	50.0	1.02	92	75-125			
Arsenic	52.5	2.0	mg/kg	50.0	3.68	98	75-125			
Barium	146	1.0	mg/kg	50.0	100	91	75-125			
Beryllium	48.7	0.50	mg/kg	50.0	0.403	97	75-125			
Cadmium	46.2	0.50	mg/kg	50.0	ND	92	75-125			
Chromium	68.0	1.0	mg/kg	50.0	20.4	95	75-125			
Cobalt	53.6	1.0	mg/kg	50.0	6.41	94	75-125			
Copper	65.5	2.0	mg/kg	50.0	16.6	98	75-125			
Lead	64.2	2.0	mg/kg	50.0	16.8	95	75-125			
Molybdenum	46.3	2.0	mg/kg	50.0	0.556	91	75-125			
Nickel	56.9	2.0	mg/kg	50.0	11.5	91	75-125			
Selenium	44.5	2.0	mg/kg	50.0	ND	89	75-125			
Silver	23.8	1.0	mg/kg	25.0	ND	95	75-125			
Thallium	47.9	10	mg/kg	50.0	1.78	92	75-125			
Vanadium	91.4	1.0	mg/kg	50.0	41.2	100	75-125			
Zinc	108	5.0	mg/kg	50.0	64.8	87	75-125			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21127 Extracted: 11/21/08										
Matrix Spike Dup Analyzed: 11/22/2008 (8K21127-MSD1)					**Source: IRK1669-01**					
Antimony	47.7	10	mg/kg	50.0	1.02	93	75-125	2	20	
Arsenic	51.3	2.0	mg/kg	50.0	3.68	95	75-125	2	20	
Barium	144	1.0	mg/kg	50.0	100	87	75-125	1	20	
Beryllium	47.9	0.50	mg/kg	50.0	0.403	95	75-125	2	20	
Cadmium	45.8	0.50	mg/kg	50.0	ND	92	75-125	1	20	
Chromium	64.1	1.0	mg/kg	50.0	20.4	88	75-125	6	20	
Cobalt	52.2	1.0	mg/kg	50.0	6.41	92	75-125	3	20	
Copper	63.9	2.0	mg/kg	50.0	16.6	94	75-125	2	20	
Lead	67.0	2.0	mg/kg	50.0	16.8	100	75-125	4	20	
Molybdenum	45.8	2.0	mg/kg	50.0	0.556	90	75-125	1	20	
Nickel	55.7	2.0	mg/kg	50.0	11.5	88	75-125	2	20	
Selenium	41.6	2.0	mg/kg	50.0	ND	83	75-125	7	20	
Silver	23.8	1.0	mg/kg	25.0	ND	95	75-125	0	20	
Thallium	46.4	10	mg/kg	50.0	1.78	89	75-125	3	20	
Vanadium	82.1	1.0	mg/kg	50.0	41.2	82	75-125	11	20	
Zinc	105	5.0	mg/kg	50.0	64.8	80	75-125	3	20	

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21076 Extracted: 11/21/08										
Blank Analyzed: 11/22/2008 (8K21076-BLK1)										
Arsenic	ND	0.20	mg/l							
Barium	ND	0.20	mg/l							
Cadmium	ND	0.10	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.10	mg/l							
Silver	ND	0.20	mg/l							
LCS Analyzed: 11/22/2008 (8K21076-BS1)										
Arsenic	2.01	0.20	mg/l	2.00		101	80-120			
Barium	2.02	0.20	mg/l	2.00		101	80-120			
Cadmium	1.91	0.10	mg/l	2.00		96	80-120			
Chromium	1.93	0.10	mg/l	2.00		97	80-120			
Lead	1.94	0.10	mg/l	2.00		97	80-120			
Selenium	1.81	0.10	mg/l	2.00		90	80-120			
Silver	0.949	0.20	mg/l	1.00		95	80-120			
Matrix Spike Analyzed: 11/22/2008 (8K21076-MS1)					**Source: IRK1439-03**					
Arsenic	2.00	0.20	mg/l	2.00	ND	100	75-125			
Barium	2.34	0.20	mg/l	2.00	0.391	98	75-125			
Cadmium	1.86	0.10	mg/l	2.00	ND	93	75-125			
Chromium	2.00	0.10	mg/l	2.00	0.0826	96	75-125			
Lead	1.96	0.10	mg/l	2.00	0.0553	95	75-125			
Selenium	1.83	0.10	mg/l	2.00	ND	92	75-125			
Silver	0.958	0.20	mg/l	1.00	ND	96	75-125			
Batch: 8K24096 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008 (8K24096-BLK1)										
Mercury	ND	0.0020	mg/l							

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24096 Extracted: 11/24/08										
LCS Analyzed: 11/24/2008 (8K24096-BS1)										
Mercury	0.0808	0.0020	mg/l	0.0800		101	80-120			
Matrix Spike Analyzed: 11/24/2008 (8K24096-MS1)					**Source: IRK1439-03**					
Mercury	0.0798	0.0020	mg/l	0.0800	ND	100	70-130			
Matrix Spike Dup Analyzed: 11/24/2008 (8K24096-MSD1)					**Source: IRK1439-03**					
Mercury	0.0814	0.0020	mg/l	0.0800	ND	102	70-130	2	20	

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

STLC METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8L16090 Extracted: 12/16/08										
Blank Analyzed: 12/16/2008 (8L16090-BLK1)										
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
LCS Analyzed: 12/16/2008 (8L16090-BS1)										
Chromium	19.9	0.10	mg/l	20.0		100	80-120			
Lead	19.5	0.10	mg/l	20.0		98	80-120			
Matrix Spike Analyzed: 12/16/2008 (8L16090-MS1)					**Source: IRK1439-04**					
Chromium	20.8	0.10	mg/l	20.0	0.854	100	75-125			
Lead	19.6	0.10	mg/l	20.0	0.0644	98	75-125			
Matrix Spike Dup Analyzed: 12/16/2008 (8L16090-MSD1)					**Source: IRK1439-04**					
Chromium	20.7	0.10	mg/l	20.0	0.854	99	75-125	1	20	
Lead	19.4	0.10	mg/l	20.0	0.0644	97	75-125	1	20	

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1439

Sampled: 11/12/08
Received: 11/13/08

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17072 Extracted: 11/17/08										
Duplicate Analyzed: 11/17/2008 (8K17072-DUP1)					**Source: IRK1439-03**					
pH	12.2	0.100	pH Units		12.2			0	5	

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Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID: Oakland	
9095 Rio San Diego Dr, Suite 240	B0031045.0003	Sampled: 11/12/08
San Diego, CA 92108	Report Number: IRK1439	Received: 11/13/08
Attention: George Cebula		

DATA QUALIFIERS AND DEFINITIONS

A-01	Due to matrix interference, the data waas reprocessed in a diffrent way as the calibration (only 4 peaks were used in the confirmation column).
A-01a	Sample result might be biased high due to coelution of Aroclors 1254 and 1260.
A-01b	Sample result might be biased high due to coelution of Aroclors 1254 and 1260.Due to matrix interference, the data waas reprocessed in a diffrent way as the calibration (4 peaks were used in the primary and confirmation column).
BQC1	Reported for batch QC purposes only. See original analysis for final result.
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
R-7	LFB/LFBD RPD exceeded the acceptance limit. Recovery met acceptance criteria.
RL1	Reporting limit raised due to sample matrix effects.
RL3	Reporting limit raised due to high concentrations of non-target analytes.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/12/08
San Diego, CA 92108	Report Number:	IRK1439	Received: 11/13/08
Attention: George Cebula			

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
6010B-STLC	Solid	X	X
6010B-TCLP	Solid	X	X
7470A-TCLP	Solid	X	X
8260B-TCLP	Solid	X	X
EPA 1311-Met	Solid	X	X
EPA 1311-SV	Solid	X	X
EPA 1311-ZHE	Solid	X	X
EPA 6010B	Solid	X	X
EPA 7471A	Solid	X	X
EPA 8082	Solid	X	X
EPA 8260B	Solid	X	X
EPA 8260B	Water	X	X
EPA 8270C	Solid	X	X
EPA 9045C	Solid	X	X
STLC-Met	Solid	X	X
SW846 7.1.2	Solid		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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add in

ADDITIONAL ANALYSIS REQUEST FORM

Date: 12/12/08 Project Manager: Sushmitha Reddy

Client: Arcadis-Blasland, Bouck + Lee - San Diego Contact: George Sebula / Ryan Mathison

Project: Oakland

Date Sampled: 11/12/08 Date Received: 11/13/08

Request Via:

[ ] Telephone [ ] COC Form [ ] Fax [X] E-mail [ ] Other

Status:

[ ] In Progress [X] Completed [ ] Received Today [ ] Received Yesterday

[ ] On Hold [ ] Other

Turn Around Time:

[ ] Same Day [ ] 24HR [X] 48HR [ ] 3Day [ ] 5Day [ ] Standard [ ] No Rush Charge

Work Order Number	Sample Description	Analysis Requested	Special Requirements
IRK1439-06	IB1-BW-CHWP-029	STLC Lead	
IRK1439-08	IB2-BW-CHWP-032	STLC Lead	
IRK1439-04	B8-CF-CHWP-010	STLC Chromium	

* no rush charge to be applied!

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

IRK1439

TAL-0013(1007)

Client Name/Address: ARCADIS, 9095 Rio San Diego Dr. Suite 240, San Diego, CA 92108

Project/PO Number: B0031045.0003

Project Manager: George Cebula

Phone Number: 619-291-7800 x24

Sampler: Dennis Wesselhoft

Fax Number: 619-291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	TCLP Metals 6010/7470 (EPA 8)	TCLP VOCs 1311/8260	TCLP SVOCs 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC Metals 6010 (Jan 17), TTLC VOCs 8260, TTLC SVOCs 8270	Total VOCs 8260			Special Instructions
TRIPBLANK 11/12/08	H_2O	40ml VOA	2	11/12/08	0758	HCl								X			
B8-CW-CP-008	Bulk	4oz. Glass	1	11/12/08	0758	None	X										
B8-CW-CHWP-009	Bulk	9oz glass 4oz glass	3/1	11/12/08	0824	None	X	X	X	X	X	X	X				
B8-CF-CHWP-010	Bulk	9oz glass 4oz glass	3/1	11/12/08	0900	None	X	X	X	X	X	X	X				
B8-CF-CHWP-010DUP	Bulk	9oz glass 4oz glass	3/1	11/12/08	0919	NONE	X	X	X	X	X	X	X				
1B1-BW-CHWP-029	Bulk	9oz glass/ 4oz glass	3/1	11/12/08	1028	None	X	X	X	X	X	X	X				
1B1-BW-CP-031	Bulk	4oz glass	1	11/12/08	1039	NONE	X										
1B2-BW-CHWP-032	Bulk	9oz glass 4oz glass	3/1	11/12/08	1148	None	X	X	X	X	X	X	X				
B2-BW-CHWP-014	Bulk	9oz glass 4oz glass	3/1	11/12/08	1500	None	X	X	X	X	X	X	X				
B2-BW-CP-015	Bulk	4oz glass	1	11/12/08	1507	None	X										0.0 168 11/14/08 10:00
B2-CF-CP-016	Bulk	4oz glass	1	11/12/08	1515	None	X										
B2-BW-CP-017	Bulk	4oz glass	1	11/12/08	1523	None	X										

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/12/08 1535	[signature]	11-12-08 15:35	same day ____ 72 hours ____
[signature]	11-12-08 15:45			24 hours ____ 5 days ____
				48 hours ____ normal X
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)
		[signature]	11/13/08 11:40	intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

6.1/5.3

#026

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LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.0003

Sampled: 11/12/08-11/13/08
Received: 11/14/08
Revised: 12/05/08 08:13

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

ADDITIONAL INFORMATION: This is a revised report to provide pH per client's request.

LABORATORY ID	CLIENT ID	MATRIX
IRK1526-01	B2-CF-CHWP-018	Solid
IRK1526-02	EQUIPBLANK-HDB-003	Water
IRK1526-03	B2-CF-CP-019	Solid
IRK1526-04	B2-CF-CP-019 DUP	Solid
IRK1526-05	B2-BW-CHWP-020	Solid
IRK1526-06	TRIP BLANK 11/13/08	Water
IRK1526-07	B2-BW-CP-021	Solid
IRK1526-08	B2-CF-CP-022	Solid
IRK1526-09	B2-CF-CP-023	Solid
IRK1526-10	B2-CF-CP-024	Solid
IRK1526-11	B2-BW-CP-025	Solid
IRK1526-12	B2-BW-CP-027	Solid
IRK1526-13	B2-CF-CHWP-026	Solid
IRK1526-14	B2-SMP-B-029	Solid
IRK1526-15	B2-CF-CP-028	Solid
IRK1526-16	EQUIPBLANK-HDB-004	Water

Reviewed By:

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**			**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Bromobenzene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
Bromochloromethane	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
Bromodichloromethane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Bromoform	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
Bromomethane	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
n-Butylbenzene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
sec-Butylbenzene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
tert-Butylbenzene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
Carbon tetrachloride	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Chlorobenzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Chloroethane	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
Chloroform	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Chloromethane	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
2-Chlorotoluene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
4-Chlorotoluene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
Dibromochloromethane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Dibromomethane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Dichlorodifluoromethane	EPA 8260B	8K18028	200	ND	99.1	11/18/2008	11/19/2008	
1,1-Dichloroethane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,2-Dichloroethane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,1-Dichloroethene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,2-Dichloropropane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,3-Dichloropropane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
2,2-Dichloropropane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,1-Dichloropropene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Ethylbenzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
Isopropylbenzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
p-Isopropyltoluene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Methylene chloride	EPA 8260B	8K18028	990	ND	99.1	11/18/2008	11/19/2008	
Naphthalene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid) - cont.					**Sampled: 11/12/08**			**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Styrene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Tetrachloroethene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Toluene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
1,1,1-Trichloroethane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,1,2-Trichloroethane	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Trichloroethene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Trichlorofluoromethane	EPA 8260B	8K18028	250	ND	99.1	11/18/2008	11/19/2008	
1,2,3-Trichloropropane	EPA 8260B	8K18028	500	ND	99.1	11/18/2008	11/19/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Vinyl chloride	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
m,p-Xylenes	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
o-Xylene	EPA 8260B	8K18028	99	ND	99.1	11/18/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*91 %*				
Surrogate: Dibromofluoromethane (55-140%)				*56 %*				
Surrogate: Toluene-d8 (60-140%)				*105 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-02 (EQUIPBLANK-HDB-003 - Water)					**Sampled: 11/12/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Bromobenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Bromochloromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Bromodichloromethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Bromoform	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Bromomethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
n-Butylbenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
sec-Butylbenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
tert-Butylbenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Carbon tetrachloride	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Chlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Chloroethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Chloroform	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Chloromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
2-Chlorotoluene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
4-Chlorotoluene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Dibromochloromethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Dibromomethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dichlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,3-Dichlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,4-Dichlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Dichlorodifluoromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,1-Dichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1-Dichloroethene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dichloropropane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,3-Dichloropropane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
2,2-Dichloropropane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1-Dichloropropene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Ethylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Hexachlorobutadiene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Isopropylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
p-Isopropyltoluene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Methylene chloride	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Naphthalene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	

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Report Number: IRK1526

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Received: 11/14/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-02 (EQUIPBLANK-HDB-003 - Water) - cont.					**Sampled: 11/12/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Styrene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Tetrachloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Toluene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,1,1-Trichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1,2-Trichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Trichloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Trichlorofluoromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,2,3-Trichloropropane	EPA 8260B	8K22023	10	ND	1	11/22/2008	11/22/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Vinyl chloride	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
m,p-Xylenes	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
o-Xylene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				
Surrogate: Dibromofluoromethane (80-120%)				*90 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)					**Sampled: 11/12/08**			**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Bromobenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Bromochloromethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Bromodichloromethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Bromoform	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Bromomethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
n-Butylbenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
sec-Butylbenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
tert-Butylbenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Carbon tetrachloride	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Chlorobenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Chloroethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Chloroform	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Chloromethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
2-Chlorotoluene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
4-Chlorotoluene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Dibromochloromethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Dibromomethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Dichlorodifluoromethane	EPA 8260B	8K18028	210	ND	104	11/18/2008	11/19/2008	
1,1-Dichloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2-Dichloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,1-Dichloroethene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2-Dichloropropane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,3-Dichloropropane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
2,2-Dichloropropane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,1-Dichloropropene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Ethylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
Isopropylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
p-Isopropyltoluene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Methylene chloride	EPA 8260B	8K18028	1000	ND	104	11/18/2008	11/19/2008	
Naphthalene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid) - cont.					**Sampled: 11/12/08**			**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Styrene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Tetrachloroethene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Toluene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,1,1-Trichloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,1,2-Trichloroethane	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Trichloroethene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Trichlorofluoromethane	EPA 8260B	8K18028	260	ND	104	11/18/2008	11/19/2008	
1,2,3-Trichloropropane	EPA 8260B	8K18028	520	ND	104	11/18/2008	11/19/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Vinyl chloride	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
m,p-Xylenes	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
o-Xylene	EPA 8260B	8K18028	100	ND	104	11/18/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*96 %*				
Surrogate: Dibromofluoromethane (55-140%)				*95 %*				
Surrogate: Toluene-d8 (60-140%)				*106 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-06 (TRIP BLANK 11/13/08 - Water)					**Sampled: 11/12/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Bromobenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Bromochloromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Bromodichloromethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Bromoform	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Bromomethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
n-Butylbenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
sec-Butylbenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
tert-Butylbenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Carbon tetrachloride	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Chlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Chloroethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Chloroform	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Chloromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
2-Chlorotoluene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
4-Chlorotoluene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Dibromochloromethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Dibromomethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dichlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,3-Dichlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,4-Dichlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Dichlorodifluoromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,1-Dichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1-Dichloroethene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dichloropropane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,3-Dichloropropane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
2,2-Dichloropropane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1-Dichloropropene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Ethylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Hexachlorobutadiene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Isopropylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
p-Isopropyltoluene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Methylene chloride	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Naphthalene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-06 (TRIP BLANK 11/13/08 - Water) - cont.					**Sampled: 11/12/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Styrene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Tetrachloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Toluene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,1,1-Trichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1,2-Trichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Trichloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Trichlorofluoromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,2,3-Trichloropropane	EPA 8260B	8K22023	10	ND	1	11/22/2008	11/22/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Vinyl chloride	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
m,p-Xylenes	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
o-Xylene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*88 %*				
Surrogate: Dibromofluoromethane (80-120%)				*91 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)					**Sampled: 11/12/08**			**RL1**
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Bromobenzene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
Bromochloromethane	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
Bromodichloromethane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Bromoform	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
Bromomethane	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
n-Butylbenzene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
sec-Butylbenzene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
tert-Butylbenzene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
Carbon tetrachloride	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Chlorobenzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Chloroethane	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
Chloroform	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Chloromethane	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
2-Chlorotoluene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
4-Chlorotoluene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
Dibromochloromethane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Dibromomethane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Dichlorodifluoromethane	EPA 8260B	8K18028	200	ND	99.8	11/18/2008	11/19/2008	
1,1-Dichloroethane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,2-Dichloroethane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,1-Dichloroethene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,2-Dichloropropane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,3-Dichloropropane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
2,2-Dichloropropane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,1-Dichloropropene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Ethylbenzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
Isopropylbenzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
p-Isopropyltoluene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Methylene chloride	EPA 8260B	8K18028	1000	ND	99.8	11/18/2008	11/19/2008	
Naphthalene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid) - cont.					**Sampled: 11/12/08**			**RL1**
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Styrene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Tetrachloroethene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Toluene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
1,1,1-Trichloroethane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,1,2-Trichloroethane	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Trichloroethene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Trichlorofluoromethane	EPA 8260B	8K18028	250	ND	99.8	11/18/2008	11/19/2008	
1,2,3-Trichloropropane	EPA 8260B	8K18028	500	ND	99.8	11/18/2008	11/19/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Vinyl chloride	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
m,p-Xylenes	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
o-Xylene	EPA 8260B	8K18028	100	ND	99.8	11/18/2008	11/19/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*83 %*				
Surrogate: Dibromofluoromethane (55-140%)				*29 %*				*Z*
Surrogate: Toluene-d8 (60-140%)				*97 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-16 (EQUIPBLANK-HDB-004 - Water)					**Sampled: 11/12/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Bromobenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Bromochloromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Bromodichloromethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Bromoform	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Bromomethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
n-Butylbenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
sec-Butylbenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
tert-Butylbenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Carbon tetrachloride	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Chlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Chloroethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Chloroform	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Chloromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
2-Chlorotoluene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
4-Chlorotoluene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Dibromochloromethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Dibromomethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dichlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,3-Dichlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,4-Dichlorobenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Dichlorodifluoromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,1-Dichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1-Dichloroethene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2-Dichloropropane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,3-Dichloropropane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
2,2-Dichloropropane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1-Dichloropropene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Ethylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Hexachlorobutadiene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Isopropylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
p-Isopropyltoluene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Methylene chloride	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
Naphthalene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-16 (EQUIPBLANK-HDB-004 - Water) - cont.					**Sampled: 11/12/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Styrene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Tetrachloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Toluene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,1,1-Trichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,1,2-Trichloroethane	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Trichloroethene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Trichlorofluoromethane	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
1,2,3-Trichloropropane	EPA 8260B	8K22023	10	ND	1	11/22/2008	11/22/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Vinyl chloride	EPA 8260B	8K22023	5.0	ND	1	11/22/2008	11/22/2008	
m,p-Xylenes	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
o-Xylene	EPA 8260B	8K22023	2.0	ND	1	11/22/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				
Surrogate: Dibromofluoromethane (80-120%)				*91 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-02 (EQUIPBLANK-HDB-003 - Water)					**Sampled: 11/12/08**			
Reporting Units: ug/l								
Acenaphthene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Acenaphthylene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Aniline	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Anthracene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Benzidine	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Benzo(a)anthracene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Benzo(a)pyrene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Benzo(b)fluoranthene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Benzo(k)fluoranthene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Benzoic acid	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Benzyl alcohol	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Butyl benzyl phthalate	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
4-Chloroaniline	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	C-2
2-Chloronaphthalene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
2-Chlorophenol	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Chrysene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Dibenzofuran	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Di-n-butyl phthalate	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
1,2-Dichlorobenzene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
1,3-Dichlorobenzene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
1,4-Dichlorobenzene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
2,4-Dichlorophenol	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Diethyl phthalate	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
2,4-Dimethylphenol	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Dimethyl phthalate	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
2,4-Dinitrophenol	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
2,4-Dinitrotoluene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
2,6-Dinitrotoluene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Di-n-octyl phthalate	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K17094	51	ND	1.01	11/17/2008	11/21/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

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Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Sample ID: IRK1526-02 (EQUIPBLANK-HDB-003 - Water) - cont. **Sampled: 11/12/08**

Reporting Units: ug/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Fluoranthene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Fluorene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Hexachlorobenzene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Hexachlorobutadiene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Hexachloroethane	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Isophorone	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
2-Methylnaphthalene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
2-Methylphenol	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
4-Methylphenol	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Naphthalene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
2-Nitroaniline	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
3-Nitroaniline	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
4-Nitroaniline	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Nitrobenzene	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
2-Nitrophenol	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
4-Nitrophenol	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Pentachlorophenol	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Phenanthrene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Phenol	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
Pyrene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K17094	10	ND	1.01	11/17/2008	11/21/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K17094	20	ND	1.01	11/17/2008	11/21/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*110 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*80 %*				
Surrogate: 2-Fluorophenol (30-120%)				*70 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*73 %*				
Surrogate: Phenol-d6 (35-120%)				*72 %*				
Surrogate: Terphenyl-d14 (50-125%)				*90 %*				

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B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-16 (EQUIPBLANK-HDB-004 - Water)					**Sampled: 11/12/08**			
Reporting Units: ug/l								
Acenaphthene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Acenaphthylene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Aniline	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Anthracene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Benzidine	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Benzo(a)anthracene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Benzo(a)pyrene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Benzo(b)fluoranthene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Benzo(k)fluoranthene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Benzoic acid	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Benzyl alcohol	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Butyl benzyl phthalate	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
4-Chloroaniline	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	C-2
2-Chloronaphthalene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
2-Chlorophenol	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Chrysene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Dibenzofuran	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Di-n-butyl phthalate	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
1,2-Dichlorobenzene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
1,3-Dichlorobenzene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
1,4-Dichlorobenzene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
2,4-Dichlorophenol	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Diethyl phthalate	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
2,4-Dimethylphenol	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Dimethyl phthalate	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
2,4-Dinitrophenol	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
2,4-Dinitrotoluene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
2,6-Dinitrotoluene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Di-n-octyl phthalate	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K17094	50	ND	1	11/17/2008	11/21/2008	

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Project ID: Oakland
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Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Sample ID: IRK1526-16 (EQUIPBLANK-HDB-004 - Water) - cont. **Sampled: 11/12/08**

Reporting Units: ug/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Fluoranthene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Fluorene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Hexachlorobenzene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Hexachlorobutadiene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Hexachloroethane	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Isophorone	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
2-Methylnaphthalene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
2-Methylphenol	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
4-Methylphenol	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Naphthalene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
2-Nitroaniline	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
3-Nitroaniline	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
4-Nitroaniline	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Nitrobenzene	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
2-Nitrophenol	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
4-Nitrophenol	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Pentachlorophenol	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Phenanthrene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Phenol	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
Pyrene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K17094	10	ND	1	11/17/2008	11/21/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K17094	20	ND	1	11/17/2008	11/21/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*104 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*76 %*				
Surrogate: 2-Fluorophenol (30-120%)				*63 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*68 %*				
Surrogate: Phenol-d6 (35-120%)				*66 %*				
Surrogate: Terphenyl-d14 (50-125%)				*89 %*				

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Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Aniline	EPA 8270C	8K18092	10000	ND	25	11/18/2008	11/18/2008	
Anthracene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzidine	EPA 8270C	8K18092	16000	ND	25	11/18/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	4200	ND	25	11/18/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Chrysene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	10000	ND	25	11/18/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	10000	ND	25	11/18/2008	11/18/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	16000	ND	25	11/18/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid) - cont.					**Sampled: 11/12/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Fluorene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Isophorone	EPA 8270C	8K18092	8300	**18000**	25	11/18/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Naphthalene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	6200	ND	25	11/18/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K18092	21000	ND	25	11/18/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Phenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Pyrene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	8300	ND	25	11/18/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*71 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*76 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*79 %*				*Z3*

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)					**Sampled: 11/12/08**			
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Acenaphthylene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Aniline	EPA 8270C	8K18092	420	ND	1	11/18/2008	11/19/2008	
Anthracene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzidine	EPA 8270C	8K18092	660	ND	1	11/18/2008	11/19/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Benzoic acid	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Benzyl alcohol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Chloroaniline	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	170	ND	1	11/18/2008	11/19/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Chlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Chrysene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	420	ND	1	11/18/2008	11/19/2008	
Dibenzofuran	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Diethyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Dimethyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	420	ND	1	11/18/2008	11/19/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	660	ND	1	11/18/2008	11/19/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid) - cont.					**Sampled: 11/12/08**			
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Fluorene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Hexachlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Hexachloroethane	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Isophorone	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Methylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Methylphenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Naphthalene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Nitroaniline	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
3-Nitroaniline	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Nitroaniline	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Nitrobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2-Nitrophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
4-Nitrophenol	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	250	ND	1	11/18/2008	11/19/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Pentachlorophenol	EPA 8270C	8K18092	830	ND	1	11/18/2008	11/19/2008	
Phenanthrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Phenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Pyrene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	330	ND	1	11/18/2008	11/19/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*76 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*82 %*				
Surrogate: 2-Fluorophenol (25-120%)				*65 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*69 %*				
Surrogate: Phenol-d6 (35-120%)				*69 %*				
Surrogate: Terphenyl-d14 (40-135%)				*101 %*				

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)					**Sampled: 11/12/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Acenaphthylene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Aniline	EPA 8270C	8K18092	2100	ND	5	11/18/2008	11/18/2008	
Anthracene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Benzidine	EPA 8270C	8K18092	3300	ND	5	11/18/2008	11/18/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Benzoic acid	EPA 8270C	8K18092	4200	ND	5	11/18/2008	11/18/2008	
Benzyl alcohol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
4-Chloroaniline	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	840	ND	5	11/18/2008	11/18/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2-Chlorophenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Chrysene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	2100	ND	5	11/18/2008	11/18/2008	
Dibenzofuran	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	4200	ND	5	11/18/2008	11/18/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Diethyl phthalate	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Dimethyl phthalate	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	2100	ND	5	11/18/2008	11/18/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	3300	ND	5	11/18/2008	11/18/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid) - cont.					**Sampled: 11/12/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Fluorene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Hexachlorobenzene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	4200	ND	5	11/18/2008	11/18/2008	
Hexachloroethane	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Isophorone	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2-Methylphenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
4-Methylphenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Naphthalene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2-Nitroaniline	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
3-Nitroaniline	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
4-Nitroaniline	EPA 8270C	8K18092	4200	ND	5	11/18/2008	11/18/2008	
Nitrobenzene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2-Nitrophenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
4-Nitrophenol	EPA 8270C	8K18092	4200	ND	5	11/18/2008	11/18/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	1200	ND	5	11/18/2008	11/18/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Pentachlorophenol	EPA 8270C	8K18092	4200	ND	5	11/18/2008	11/18/2008	
Phenanthrene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Phenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Pyrene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	1700	ND	5	11/18/2008	11/18/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*62 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*71 %*				
Surrogate: 2-Fluorophenol (25-120%)				*11 %*				*Z*
Surrogate: Nitrobenzene-d5 (30-120%)				*81 %*				
Surrogate: Phenol-d6 (35-120%)				*70 %*				
Surrogate: Terphenyl-d14 (40-135%)				*73 %*				

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B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-02 (EQUIPBLANK-HDB-003 - Water)					**Sampled: 11/12/08**			
Reporting Units: ug/l								
Aroclor 1016	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1221	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1232	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1242	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1248	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1254	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Aroclor 1260	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/18/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*81 %*				
Sample ID: IRK1526-16 (EQUIPBLANK-HDB-004 - Water)					**Sampled: 11/12/08**			
Reporting Units: ug/l								
Aroclor 1016	EPA 8082	8K17052	1.0	ND	1	11/17/2008	11/18/2008	
Aroclor 1221	EPA 8082	8K17052	1.0	ND	1	11/17/2008	11/18/2008	
Aroclor 1232	EPA 8082	8K17052	1.0	ND	1	11/17/2008	11/18/2008	
Aroclor 1242	EPA 8082	8K17052	1.0	ND	1	11/17/2008	11/18/2008	
Aroclor 1248	EPA 8082	8K17052	1.0	ND	1	11/17/2008	11/18/2008	
Aroclor 1254	EPA 8082	8K17052	1.0	ND	1	11/17/2008	11/18/2008	
Aroclor 1260	EPA 8082	8K17052	1.0	ND	1	11/17/2008	11/18/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*77 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*59 %*				
Sample ID: IRK1526-01RE1 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**			
Reporting Units: ug/kg								
Aroclor 1260	EPA 8082	8K20033	500	**2100**	9.99	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*64 %*				*Z3*
Sample ID: IRK1526-03 (B2-CF-CP-019 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*74 %*				
Sample ID: IRK1526-03RE1 (B2-CF-CP-019 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1260	EPA 8082	8K20033	1000	**1800**	20	11/20/2008	11/24/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*54 %*				*Z3*

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-04 (B2-CF-CP-019 DUP - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*110 %*				
Sample ID: IRK1526-04RE1 (B2-CF-CP-019 DUP - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1260	EPA 8082	8K20033	5000	**6300**	100	11/20/2008	11/24/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*97 %*				*Z3*
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)					**Sampled: 11/12/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K20033	50	**120**	0.999	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*89 %*				
Sample ID: IRK1526-07 (B2-BW-CP-021 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K20033	50	**200**	1	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*90 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-08 (B2-CF-CP-022 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*86 %*				
Sample ID: IRK1526-08RE1 (B2-CF-CP-022 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1260	EPA 8082	8K20033	1000	**1900**	20	11/20/2008	11/24/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*73 %*				*Z3*
Sample ID: IRK1526-09 (B2-CF-CP-023 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K20033	50	**87**	0.999	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*67 %*				
Sample ID: IRK1526-10 (B2-CF-CP-024 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K20033	50	**51**	0.999	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*82 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-11 (B2-BW-CP-025 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	0.999	11/20/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K20033	50	**240**	0.999	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*82 %*				
Sample ID: IRK1526-12 (B2-BW-CP-027 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K20033	50	**120**	1	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*75 %*				
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)					**Sampled: 11/12/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K20033	50	**63**	1	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*95 %*				

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-14 (B2-SMP-B-029 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	75	ND	1.5	11/20/2008	11/21/2008	RL1
Aroclor 1221	EPA 8082	8K20033	75	ND	1.5	11/20/2008	11/21/2008	RL1
Aroclor 1232	EPA 8082	8K20033	75	ND	1.5	11/20/2008	11/21/2008	RL1
Aroclor 1242	EPA 8082	8K20033	75	ND	1.5	11/20/2008	11/21/2008	RL1
Aroclor 1248	EPA 8082	8K20033	75	ND	1.5	11/20/2008	11/21/2008	RL1
Aroclor 1254	EPA 8082	8K20033	75	ND	1.5	11/20/2008	11/21/2008	RL1
Surrogate: Decachlorobiphenyl (45-120%)				*79 %*				
Sample ID: IRK1526-14RE1 (B2-SMP-B-029 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1260	EPA 8082	8K20033	1500	**3300**	29.9	11/20/2008	11/24/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*73 %*				
Sample ID: IRK1526-15 (B2-CF-CP-028 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K20033	50	ND	1	11/20/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K20033	50	**390**	1	11/20/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20127	0.020	**0.024**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/25/2008	M2
Arsenic	EPA 6010B	8K24135	2.0	**4.2**	1	11/24/2008	11/25/2008	
Barium	EPA 6010B	8K24135	1.0	**110**	1	11/24/2008	11/25/2008	M2
Beryllium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/25/2008	
Cadmium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/25/2008	M2
Chromium	EPA 6010B	8K24135	1.0	**46**	1	11/24/2008	11/25/2008	
Cobalt	EPA 6010B	8K24135	1.0	**6.5**	1	11/24/2008	11/25/2008	M2
Copper	EPA 6010B	8K24135	2.0	**21**	1	11/24/2008	11/25/2008	
Lead	EPA 6010B	8K24135	2.0	**4.1**	1	11/24/2008	11/25/2008	M2
Molybdenum	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/25/2008	
Nickel	EPA 6010B	8K24135	2.0	**39**	1	11/24/2008	11/25/2008	M2
Selenium	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/25/2008	M2
Silver	EPA 6010B	8K24135	1.0	ND	1	11/24/2008	11/25/2008	
Thallium	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/25/2008	M2
Vanadium	EPA 6010B	8K24135	1.0	**33**	1	11/24/2008	11/25/2008	
Zinc	EPA 6010B	8K24135	5.0	**30**	1	11/24/2008	11/25/2008	M2
Sample ID: IRK1526-02 (EQUIPBLANK-HDB-003 - Water)					**Sampled: 11/12/08**			
Reporting Units: mg/l								
Mercury	EPA 7470A	8K21081	0.00020	ND	1	11/21/2008	11/21/2008	
Antimony	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Arsenic	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Barium	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Beryllium	EPA 6010B	8K21096	0.0040	ND	1	11/21/2008	11/22/2008	
Cadmium	EPA 6010B	8K21096	0.0050	ND	1	11/21/2008	11/22/2008	
Chromium	EPA 6010B	8K21096	0.0050	ND	1	11/21/2008	11/22/2008	
Cobalt	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Copper	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Lead	EPA 6010B	8K21096	0.0050	ND	1	11/21/2008	11/22/2008	
Molybdenum	EPA 6010B	8K21096	0.020	ND	1	11/21/2008	11/22/2008	
Nickel	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Selenium	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Silver	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Thallium	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Vanadium	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Zinc	EPA 6010B	8K21096	0.020	ND	1	11/21/2008	11/22/2008	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)				**Sampled: 11/12/08**				
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20127	0.020	**0.051**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/25/2008	
Arsenic	EPA 6010B	8K24135	2.0	**6.4**	1	11/24/2008	11/25/2008	
Barium	EPA 6010B	8K24135	1.0	**140**	1	11/24/2008	11/25/2008	
Beryllium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/25/2008	
Cadmium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/25/2008	
Chromium	EPA 6010B	8K24135	1.0	**19**	1	11/24/2008	11/25/2008	
Cobalt	EPA 6010B	8K24135	1.0	**1.8**	1	11/24/2008	11/25/2008	
Copper	EPA 6010B	8K24135	2.0	**4.9**	1	11/24/2008	11/25/2008	
Lead	EPA 6010B	8K24135	2.0	**16**	1	11/24/2008	11/25/2008	
Molybdenum	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/25/2008	
Nickel	EPA 6010B	8K24135	2.0	**12**	1	11/24/2008	11/25/2008	
Selenium	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/25/2008	
Silver	EPA 6010B	8K24135	1.0	ND	1	11/24/2008	11/25/2008	
Thallium	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/25/2008	
Vanadium	EPA 6010B	8K24135	1.0	**17**	1	11/24/2008	11/25/2008	
Zinc	EPA 6010B	8K24135	5.0	**44**	1	11/24/2008	11/25/2008	
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)				**Sampled: 11/12/08**				
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20127	0.020	**0.043**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/25/2008	
Arsenic	EPA 6010B	8K24135	2.0	**4.4**	1	11/24/2008	11/25/2008	
Barium	EPA 6010B	8K24135	1.0	**150**	1	11/24/2008	11/25/2008	
Beryllium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/25/2008	
Cadmium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/25/2008	
Chromium	EPA 6010B	8K24135	1.0	**45**	1	11/24/2008	11/25/2008	
Cobalt	EPA 6010B	8K24135	1.0	**7.6**	1	11/24/2008	11/25/2008	
Copper	EPA 6010B	8K24135	2.0	**26**	1	11/24/2008	11/25/2008	
Lead	EPA 6010B	8K24135	2.0	**6.9**	1	11/24/2008	11/25/2008	
Molybdenum	EPA 6010B	8K24135	2.0	**2.0**	1	11/24/2008	11/25/2008	
Nickel	EPA 6010B	8K24135	2.0	**46**	1	11/24/2008	11/25/2008	
Selenium	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/25/2008	
Silver	EPA 6010B	8K24135	1.0	ND	1	11/24/2008	11/25/2008	
Thallium	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/25/2008	
Vanadium	EPA 6010B	8K24135	1.0	**34**	1	11/24/2008	11/25/2008	
Zinc	EPA 6010B	8K24135	5.0	**27**	1	11/24/2008	11/25/2008	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-16 (EQUIPBLANK-HDB-004 - Water)					**Sampled: 11/12/08**			
Reporting Units: mg/l								
Mercury	EPA 7470A	8K21081	0.00020	ND	1	11/21/2008	11/21/2008	
Antimony	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Arsenic	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Barium	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Beryllium	EPA 6010B	8K21096	0.0040	ND	1	11/21/2008	11/22/2008	
Cadmium	EPA 6010B	8K21096	0.0050	ND	1	11/21/2008	11/22/2008	
Chromium	EPA 6010B	8K21096	0.0050	ND	1	11/21/2008	11/22/2008	
Cobalt	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Copper	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Lead	EPA 6010B	8K21096	0.0050	ND	1	11/21/2008	11/22/2008	
Molybdenum	EPA 6010B	8K21096	0.020	ND	1	11/21/2008	11/22/2008	
Nickel	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Selenium	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Silver	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Thallium	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Vanadium	EPA 6010B	8K21096	0.010	ND	1	11/21/2008	11/22/2008	
Zinc	EPA 6010B	8K21096	0.020	ND	1	11/21/2008	11/22/2008	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K27008	0.100	**12.2**	1	11/27/2008	11/27/2008	H-1
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)					**Sampled: 11/12/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)					**Sampled: 11/12/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K27008	0.100	**8.58**	1	11/27/2008	11/27/2008	H-1
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)					**Sampled: 11/12/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)					**Sampled: 11/12/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K27008	0.100	**12.3**	1	11/27/2008	11/27/2008	H-1

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**				
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Aniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzidine	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	M2
Benzo(a)anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	M1
Butyl benzyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Chrysene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	M1
1,2-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	7.5	11/22/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	

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Received: 11/14/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid) - cont.					**Sampled: 11/12/08**				
Reporting Units: mg/l									
2,4-Dinitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K22063	0.25	ND	1	NA	11/22/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	M1
Fluorene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	M1
Hexachlorobutadiene	EPA 8270C	8K22063	0.050	ND	1	0.5	11/22/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K22063	0.050	ND	1	3.0	11/22/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Isophorone	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Naphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K22063	0.20	ND	1	2.0	11/22/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K22063	0.20	ND	1	100.0	11/22/2008	11/24/2008	M1
Phenanthrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Phenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	400.0	11/22/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	2.0	11/22/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*117 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*84 %*					

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid) - cont.					**Sampled: 11/12/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*74 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*81 %*					
Surrogate: Phenol-d6 (45-120%)				*83 %*					
Surrogate: Terphenyl-d14 (45-135%)				*88 %*					

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Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid) **Sampled: 11/12/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Aniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzidine	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Chrysene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	7.5	11/22/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	

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Received: 11/14/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid) - cont. **Sampled: 11/12/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K22063	0.25	ND	1	NA	11/22/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Fluorene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K22063	0.050	ND	1	0.5	11/22/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K22063	0.050	ND	1	3.0	11/22/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Isophorone	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Naphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K22063	0.20	ND	1	2.0	11/22/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K22063	0.20	ND	1	100.0	11/22/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Phenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	400.0	11/22/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	2.0	11/22/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*109 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*76 %*					

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Project Manager

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid) - cont.					**Sampled: 11/12/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*62 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*74 %*					
Surrogate: Phenol-d6 (45-120%)				*73 %*					
Surrogate: Terphenyl-d14 (45-135%)				*81 %*					

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Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid) **Sampled: 11/12/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Aniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzidine	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Chrysene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	7.5	11/22/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	

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Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid) - cont.					**Sampled: 11/12/08**				
Reporting Units: mg/l									
2,4-Dinitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K22063	0.25	ND	1	NA	11/22/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Fluorene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K22063	0.050	ND	1	0.5	11/22/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K22063	0.050	ND	1	3.0	11/22/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Isophorone	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Naphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K22063	0.20	ND	1	2.0	11/22/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K22063	0.20	ND	1	100.0	11/22/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Phenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	400.0	11/22/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	2.0	11/22/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*109 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*84 %*					

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid) - cont.					**Sampled: 11/12/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*84 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*84 %*					
Surrogate: Phenol-d6 (45-120%)				*89 %*					
Surrogate: Terphenyl-d14 (45-135%)				*83 %*					

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Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22016	0.10	ND	1	200.0	11/21/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	100.0	11/21/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22016	0.020	ND	1	6.0	11/21/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	7.5	11/21/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22016	0.050	ND	1	0.7	11/21/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid) - cont. **Sampled: 11/12/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Styrene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.7	11/21/2008	11/22/2008	
Toluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22016	0.10	ND	1	NA	11/21/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22016	0.050	ND	1	0.2	11/21/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*					
Surrogate: Dibromofluoromethane (80-120%)				*91 %*					
Surrogate: Toluene-d8 (80-120%)				*99 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid) **Sampled: 11/12/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22016	0.10	ND	1	200.0	11/21/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	100.0	11/21/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22016	0.020	ND	1	6.0	11/21/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	7.5	11/21/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22016	0.050	ND	1	0.7	11/21/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	

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Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid) - cont. **Sampled: 11/12/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Styrene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.7	11/21/2008	11/22/2008	
Toluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22016	0.10	ND	1	NA	11/21/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22016	0.050	ND	1	0.2	11/21/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*					
Surrogate: Dibromofluoromethane (80-120%)				*94 %*					
Surrogate: Toluene-d8 (80-120%)				*97 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid) **Sampled: 11/12/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22016	0.10	ND	1	200.0	11/21/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	100.0	11/21/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22016	0.020	ND	1	6.0	11/21/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	7.5	11/21/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22016	0.050	ND	1	0.7	11/21/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid) - cont. **Sampled: 11/12/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Styrene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.7	11/21/2008	11/22/2008	
Toluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22016	0.10	ND	1	NA	11/21/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22016	0.050	ND	1	0.2	11/21/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*					
Surrogate: Dibromofluoromethane (80-120%)				*94 %*					
Surrogate: Toluene-d8 (80-120%)				*97 %*					

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)					**Sampled: 11/12/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24101	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Barium	6010B-TCLP	8K22035	0.20	**0.21**	1	100.0	11/22/2008	11/25/2008	
Cadmium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Chromium	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Lead	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Selenium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Silver	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)					**Sampled: 11/12/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24101	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Barium	6010B-TCLP	8K22035	0.20	**0.40**	1	100.0	11/22/2008	11/25/2008	
Cadmium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Chromium	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Lead	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Selenium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Silver	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)					**Sampled: 11/12/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24101	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Barium	6010B-TCLP	8K22035	0.20	**0.56**	1	100.0	11/22/2008	11/25/2008	
Cadmium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Chromium	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Lead	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Selenium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Silver	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

TCLP EXTRACTION - Zero Headspace (ZHE)

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)			**Sampled: 11/12/08**		
Extraction	EPA 1311-ZHE	8K21124	11/21/2008	11/22/2008	
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)			**Sampled: 11/12/08**		
Extraction	EPA 1311-ZHE	8K21124	11/21/2008	11/22/2008	
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)			**Sampled: 11/12/08**		
Extraction	EPA 1311-ZHE	8K21124	11/21/2008	11/22/2008	

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TCLP EXTRACTION - Semi Volatiles

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)			**Sampled: 11/12/08**		
Extraction	EPA 1311-SV	8K21125	11/21/2008	11/22/2008	
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)			**Sampled: 11/12/08**		
Extraction	EPA 1311-SV	8K21125	11/21/2008	11/22/2008	
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)			**Sampled: 11/12/08**		
Extraction	EPA 1311-SV	8K21125	11/21/2008	11/22/2008	

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Received: 11/14/08

TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1526-01 (B2-CF-CHWP-018 - Solid)			**Sampled: 11/12/08**		
Extraction	EPA 1311-Met	8K21123	11/21/2008	11/22/2008	
Sample ID: IRK1526-05 (B2-BW-CHWP-020 - Solid)			**Sampled: 11/12/08**		
Extraction	EPA 1311-Met	8K21123	11/21/2008	11/22/2008	
Sample ID: IRK1526-13 (B2-CF-CHWP-026 - Solid)			**Sampled: 11/12/08**		
Extraction	EPA 1311-Met	8K21123	11/21/2008	11/22/2008	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18028-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18028-BLK1)										
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2410*		*ug/kg*	*2500*		*96*	*65-140*			
Surrogate: Dibromofluoromethane	*2340*		*ug/kg*	*2500*		*94*	*55-140*			
Surrogate: Toluene-d8	*2630*		*ug/kg*	*2500*		*105*	*60-140*			
LCS Analyzed: 11/18/2008 (8K18028-BS1)										**MNR1**
Benzene	2730	100	ug/kg	2500		109	65-120			
Bromobenzene	2830	250	ug/kg	2500		113	70-120			
Bromochloromethane	2590	250	ug/kg	2500		104	65-125			
Bromodichloromethane	2260	100	ug/kg	2500		90	65-135			
Bromoform	1820	250	ug/kg	2500		73	50-130			
Bromomethane	1260	250	ug/kg	2500		50	30-140			
n-Butylbenzene	2760	250	ug/kg	2500		110	70-130			
sec-Butylbenzene	2830	250	ug/kg	2500		113	70-125			

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18028-BS1)										**MNR1**
tert-Butylbenzene	2770	250	ug/kg	2500		111	70-125			
Carbon tetrachloride	2230	250	ug/kg	2500		89	65-145			
Chlorobenzene	2640	100	ug/kg	2500		106	70-125			
Chloroethane	1960	250	ug/kg	2500		79	40-140			
Chloroform	2260	100	ug/kg	2500		90	75-130			
Chloromethane	1940	250	ug/kg	2500		78	30-140			
2-Chlorotoluene	2640	250	ug/kg	2500		106	70-125			
4-Chlorotoluene	2660	250	ug/kg	2500		106	70-125			
1,2-Dibromo-3-chloropropane	2190	250	ug/kg	2500		88	45-135			
Dibromochloromethane	2380	100	ug/kg	2500		95	65-140			
1,2-Dibromoethane (EDB)	2530	100	ug/kg	2500		101	70-130			
Dibromomethane	2510	100	ug/kg	2500		100	65-130			
1,2-Dichlorobenzene	2700	100	ug/kg	2500		108	70-120			
1,3-Dichlorobenzene	2780	100	ug/kg	2500		111	70-125			
1,4-Dichlorobenzene	2580	100	ug/kg	2500		103	70-125			
Dichlorodifluoromethane	1740	200	ug/kg	2500		70	10-155			
1,1-Dichloroethane	2530	100	ug/kg	2500		101	65-130			
1,2-Dichloroethane	2180	100	ug/kg	2500		87	60-145			
1,1-Dichloroethene	2650	250	ug/kg	2500		106	75-140			
cis-1,2-Dichloroethene	2840	100	ug/kg	2500		114	65-130			
trans-1,2-Dichloroethene	2750	100	ug/kg	2500		110	65-130			
1,2-Dichloropropane	2760	100	ug/kg	2500		111	75-125			
1,3-Dichloropropane	2620	100	ug/kg	2500		105	65-130			
2,2-Dichloropropane	2350	100	ug/kg	2500		94	60-145			
cis-1,3-Dichloropropene	3280	100	ug/kg	2500		131	70-130			*L*
trans-1,3-Dichloropropene	2410	100	ug/kg	2500		97	65-135			
1,1-Dichloropropene	2720	100	ug/kg	2500		109	70-130			
Ethylbenzene	2720	100	ug/kg	2500		109	80-120			
Hexachlorobutadiene	2650	250	ug/kg	2500		106	60-135			
Isopropylbenzene	2820	100	ug/kg	2500		113	70-125			
p-Isopropyltoluene	2800	100	ug/kg	2500		112	70-125			
Methylene chloride	2610	1000	ug/kg	2500		104	60-140			
Naphthalene	2700	250	ug/kg	2500		108	50-140			
n-Propylbenzene	2790	100	ug/kg	2500		112	70-130			
Styrene	2850	100	ug/kg	2500		114	70-135			
1,1,1,2-Tetrachloroethane	2520	250	ug/kg	2500		101	70-140			

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Project Manager

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18028-BS1)										**MNR1**
1,1,2,2-Tetrachloroethane	2700	100	ug/kg	2500		108	55-135			
Tetrachloroethene	2650	100	ug/kg	2500		106	65-125			
Toluene	2780	100	ug/kg	2500		111	80-120			
1,2,3-Trichlorobenzene	2620	250	ug/kg	2500		105	60-135			
1,2,4-Trichlorobenzene	2660	250	ug/kg	2500		106	65-135			
1,1,1-Trichloroethane	2270	100	ug/kg	2500		91	65-140			
1,1,2-Trichloroethane	2770	100	ug/kg	2500		111	65-130			
Trichloroethene	2710	100	ug/kg	2500		108	70-130			
Trichlorofluoromethane	1560	250	ug/kg	2500		63	50-145			
1,2,3-Trichloropropane	2460	500	ug/kg	2500		98	55-130			
1,2,4-Trimethylbenzene	2790	100	ug/kg	2500		112	70-125			
1,3,5-Trimethylbenzene	2790	100	ug/kg	2500		112	70-125			
Vinyl chloride	1380	250	ug/kg	2500		55	10-120			
m,p-Xylenes	5500	100	ug/kg	5000		110	70-125			
o-Xylene	2760	100	ug/kg	2500		111	70-125			
Surrogate: 4-Bromofluorobenzene	*2410*		*ug/kg*	*2500*		*97*	*65-140*			
Surrogate: Dibromofluoromethane	*2340*		*ug/kg*	*2500*		*94*	*55-140*			
Surrogate: Toluene-d8	*2590*		*ug/kg*	*2500*		*104*	*60-140*			
LCS Dup Analyzed: 11/18/2008 (8K18028-BSD1)										
Benzene	2800	100	ug/kg	2500		112	65-120	3	20	
Bromobenzene	2920	250	ug/kg	2500		117	70-120	3	20	
Bromochloromethane	2710	250	ug/kg	2500		108	65-125	4	20	
Bromodichloromethane	2340	100	ug/kg	2500		93	65-135	3	20	
Bromoform	1560	250	ug/kg	2500		63	50-130	15	25	
Bromomethane	1250	250	ug/kg	2500		50	30-140	1	30	
n-Butylbenzene	2880	250	ug/kg	2500		115	70-130	4	20	
sec-Butylbenzene	2910	250	ug/kg	2500		116	70-125	3	20	
tert-Butylbenzene	2830	250	ug/kg	2500		113	70-125	2	20	
Carbon tetrachloride	2270	250	ug/kg	2500		91	65-145	2	20	
Chlorobenzene	2260	100	ug/kg	2500		90	70-125	16	20	
Chloroethane	1880	250	ug/kg	2500		75	40-140	4	25	
Chloroform	2300	100	ug/kg	2500		92	75-130	2	20	
Chloromethane	2030	250	ug/kg	2500		81	30-140	5	25	
2-Chlorotoluene	2740	250	ug/kg	2500		110	70-125	4	20	
4-Chlorotoluene	2740	250	ug/kg	2500		109	70-125	3	20	

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Project Manager

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
LCS Dup Analyzed: 11/18/2008 (8K18028-BSD1)										
1,2-Dibromo-3-chloropropane	2400	250	ug/kg	2500		96	45-135	9	25	
Dibromochloromethane	2040	100	ug/kg	2500		81	65-140	16	20	
1,2-Dibromoethane (EDB)	2170	100	ug/kg	2500		87	70-130	15	20	
Dibromomethane	2610	100	ug/kg	2500		104	65-130	4	20	
1,2-Dichlorobenzene	2870	100	ug/kg	2500		115	70-120	6	20	
1,3-Dichlorobenzene	2900	100	ug/kg	2500		116	70-125	4	20	
1,4-Dichlorobenzene	2730	100	ug/kg	2500		109	70-125	5	20	
Dichlorodifluoromethane	1700	200	ug/kg	2500		68	10-155	3	30	
1,1-Dichloroethane	2560	100	ug/kg	2500		102	65-130	1	20	
1,2-Dichloroethane	2250	100	ug/kg	2500		90	60-145	3	20	
1,1-Dichloroethene	2670	250	ug/kg	2500		107	75-140	1	20	
cis-1,2-Dichloroethene	2960	100	ug/kg	2500		119	65-130	4	20	
trans-1,2-Dichloroethene	2830	100	ug/kg	2500		113	65-130	3	20	
1,2-Dichloropropane	2850	100	ug/kg	2500		114	75-125	3	20	
1,3-Dichloropropane	2270	100	ug/kg	2500		91	65-130	14	20	
2,2-Dichloropropane	2460	100	ug/kg	2500		98	60-145	4	25	
cis-1,3-Dichloropropene	3350	100	ug/kg	2500		134	70-130	2	20	*L*
trans-1,3-Dichloropropene	2500	100	ug/kg	2500		100	65-135	4	20	
1,1-Dichloropropene	2790	100	ug/kg	2500		112	70-130	3	20	
Ethylbenzene	2310	100	ug/kg	2500		93	80-120	16	20	
Hexachlorobutadiene	2670	250	ug/kg	2500		107	60-135	1	20	
Isopropylbenzene	2920	100	ug/kg	2500		117	70-125	3	20	
p-Isopropyltoluene	2910	100	ug/kg	2500		116	70-125	4	20	
Methylene chloride	2730	1000	ug/kg	2500		109	60-140	5	20	
Naphthalene	2950	250	ug/kg	2500		118	50-140	9	25	
n-Propylbenzene	2950	100	ug/kg	2500		118	70-130	5	20	
Styrene	2410	100	ug/kg	2500		97	70-135	16	20	
1,1,1,2-Tetrachloroethane	2130	250	ug/kg	2500		85	70-140	17	20	
1,1,2,2-Tetrachloroethane	2940	100	ug/kg	2500		118	55-135	8	25	
Tetrachloroethene	2210	100	ug/kg	2500		88	65-125	18	20	
Toluene	2860	100	ug/kg	2500		114	80-120	3	20	
1,2,3-Trichlorobenzene	2770	250	ug/kg	2500		111	60-135	6	20	
1,2,4-Trichlorobenzene	2800	250	ug/kg	2500		112	65-135	5	20	
1,1,1-Trichloroethane	2330	100	ug/kg	2500		93	65-140	3	20	
1,1,2-Trichloroethane	2820	100	ug/kg	2500		113	65-130	2	20	
Trichloroethene	2810	100	ug/kg	2500		112	70-130	4	20	

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Project Manager

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18028 Extracted: 11/18/08										
LCS Dup Analyzed: 11/18/2008 (8K18028-BSD1)										
Trichlorofluoromethane	1590	250	ug/kg	2500		64	50-145	1	25	
1,2,3-Trichloropropane	2710	500	ug/kg	2500		108	55-130	10	25	
1,2,4-Trimethylbenzene	2900	100	ug/kg	2500		116	70-125	4	20	
1,3,5-Trimethylbenzene	2880	100	ug/kg	2500		115	70-125	3	20	
Vinyl chloride	1380	250	ug/kg	2500		55	10-120	0	30	
m,p-Xylenes	4720	100	ug/kg	5000		94	70-125	15	20	
o-Xylene	2310	100	ug/kg	2500		92	70-125	18	20	
Surrogate: 4-Bromofluorobenzene	*1970*		*ug/kg*	*2500*		*79*	*65-140*			
Surrogate: Dibromofluoromethane	*2290*		*ug/kg*	*2500*		*92*	*55-140*			
Surrogate: Toluene-d8	*2550*		*ug/kg*	*2500*		*102*	*60-140*			
Batch: 8K22023 Extracted: 11/22/08										
Blank Analyzed: 11/22/2008 (8K22023-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22023 Extracted: 11/22/08										
Blank Analyzed: 11/22/2008 (8K22023-BLK1)										
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22023 Extracted: 11/22/08										
Blank Analyzed: 11/22/2008 (8K22023-BLK1)										
o-Xylene	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*22.3*		*ug/l*	*25.0*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*22.6*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*101*	*80-120*			
LCS Analyzed: 11/22/2008 (8K22023-BS1)										
Benzene	26.7	2.0	ug/l	25.0		107	70-120			
Bromobenzene	26.3	5.0	ug/l	25.0		105	75-120			
Bromochloromethane	25.4	5.0	ug/l	25.0		101	70-130			
Bromodichloromethane	27.5	2.0	ug/l	25.0		110	70-135			
Bromoform	24.5	5.0	ug/l	25.0		98	55-130			
Bromomethane	24.1	5.0	ug/l	25.0		97	65-140			
n-Butylbenzene	29.8	5.0	ug/l	25.0		119	70-130			
sec-Butylbenzene	29.9	5.0	ug/l	25.0		120	70-125			
tert-Butylbenzene	28.3	5.0	ug/l	25.0		113	70-125			
Carbon tetrachloride	27.6	5.0	ug/l	25.0		110	65-140			
Chlorobenzene	27.0	2.0	ug/l	25.0		108	75-120			
Chloroethane	24.6	5.0	ug/l	25.0		98	60-140			
Chloroform	24.6	2.0	ug/l	25.0		98	70-130			
Chloromethane	21.9	5.0	ug/l	25.0		88	50-140			
2-Chlorotoluene	28.1	5.0	ug/l	25.0		113	70-125			
4-Chlorotoluene	29.4	5.0	ug/l	25.0		117	75-125			
1,2-Dibromo-3-chloropropane	25.7	5.0	ug/l	25.0		103	50-135			
Dibromochloromethane	25.9	2.0	ug/l	25.0		103	70-140			
1,2-Dibromoethane (EDB)	27.8	2.0	ug/l	25.0		111	75-125			
Dibromomethane	26.4	2.0	ug/l	25.0		106	70-125			
1,2-Dichlorobenzene	28.6	2.0	ug/l	25.0		114	75-120			
1,3-Dichlorobenzene	27.7	2.0	ug/l	25.0		111	75-120			
1,4-Dichlorobenzene	27.2	2.0	ug/l	25.0		109	75-120			
Dichlorodifluoromethane	25.7	5.0	ug/l	25.0		103	35-155			
1,1-Dichloroethane	25.9	2.0	ug/l	25.0		104	70-125			
1,2-Dichloroethane	25.7	2.0	ug/l	25.0		103	60-140			
1,1-Dichloroethene	26.0	5.0	ug/l	25.0		104	70-125			
cis-1,2-Dichloroethene	27.1	2.0	ug/l	25.0		108	70-125			
trans-1,2-Dichloroethene	26.4	2.0	ug/l	25.0		106	70-125			
1,2-Dichloropropane	26.4	2.0	ug/l	25.0		106	70-125			

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22023 Extracted: 11/22/08										
LCS Analyzed: 11/22/2008 (8K22023-BS1)										
1,3-Dichloropropane	27.5	2.0	ug/l	25.0		110	70-120			
2,2-Dichloropropane	30.4	2.0	ug/l	25.0		122	65-140			
cis-1,3-Dichloropropene	35.2	2.0	ug/l	25.0		141	75-125			*L*
trans-1,3-Dichloropropene	25.5	2.0	ug/l	25.0		102	70-125			
1,1-Dichloropropene	28.5	2.0	ug/l	25.0		114	75-130			
Ethylbenzene	28.8	2.0	ug/l	25.0		115	75-125			
Hexachlorobutadiene	28.4	5.0	ug/l	25.0		114	65-135			
Isopropylbenzene	28.7	2.0	ug/l	25.0		115	75-130			
p-Isopropyltoluene	29.1	2.0	ug/l	25.0		116	75-125			
Methylene chloride	24.1	5.0	ug/l	25.0		96	55-130			
Naphthalene	30.2	5.0	ug/l	25.0		121	55-135			
n-Propylbenzene	29.6	2.0	ug/l	25.0		119	75-130			
Styrene	26.7	2.0	ug/l	25.0		107	75-130			
1,1,1,2-Tetrachloroethane	26.5	5.0	ug/l	25.0		106	70-130			
1,1,2,2-Tetrachloroethane	27.8	2.0	ug/l	25.0		111	55-130			
Tetrachloroethene	27.0	2.0	ug/l	25.0		108	70-125			
Toluene	29.1	2.0	ug/l	25.0		116	70-120			
1,2,3-Trichlorobenzene	28.6	5.0	ug/l	25.0		115	65-125			
1,2,4-Trichlorobenzene	29.6	5.0	ug/l	25.0		118	70-135			
1,1,1-Trichloroethane	27.8	2.0	ug/l	25.0		111	65-135			
1,1,2-Trichloroethane	27.0	2.0	ug/l	25.0		108	70-125			
Trichloroethene	26.5	2.0	ug/l	25.0		106	70-125			
Trichlorofluoromethane	24.5	5.0	ug/l	25.0		98	65-145			
1,2,3-Trichloropropane	28.6	10	ug/l	25.0		115	60-130			
1,2,4-Trimethylbenzene	29.7	2.0	ug/l	25.0		119	75-125			
1,3,5-Trimethylbenzene	29.2	2.0	ug/l	25.0		117	75-125			
Vinyl chloride	23.7	5.0	ug/l	25.0		95	55-135			
m,p-Xylenes	60.0	2.0	ug/l	50.0		120	75-125			
o-Xylene	30.1	2.0	ug/l	25.0		120	75-125			
Surrogate: 4-Bromofluorobenzene	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22023 Extracted: 11/22/08										
Matrix Spike Analyzed: 11/22/2008 (8K22023-MS1)					**Source: IRK1491-01**					
Benzene	26.6	2.0	ug/l	25.0	ND	106	65-125			
Bromobenzene	25.7	5.0	ug/l	25.0	ND	103	70-125			
Bromochloromethane	24.8	5.0	ug/l	25.0	ND	99	65-135			
Bromodichloromethane	27.3	2.0	ug/l	25.0	ND	109	70-135			
Bromoform	23.7	5.0	ug/l	25.0	ND	95	55-135			
Bromomethane	24.0	5.0	ug/l	25.0	ND	96	55-145			
n-Butylbenzene	29.4	5.0	ug/l	25.0	ND	118	65-135			
sec-Butylbenzene	29.2	5.0	ug/l	25.0	ND	117	70-125			
tert-Butylbenzene	27.6	5.0	ug/l	25.0	ND	110	65-130			
Carbon tetrachloride	27.3	5.0	ug/l	25.0	ND	109	65-140			
Chlorobenzene	26.5	2.0	ug/l	25.0	ND	106	75-125			
Chloroethane	24.5	5.0	ug/l	25.0	ND	98	55-140			
Chloroform	24.2	2.0	ug/l	25.0	ND	97	65-135			
Chloromethane	22.8	5.0	ug/l	25.0	ND	91	45-145			
2-Chlorotoluene	27.2	5.0	ug/l	25.0	ND	109	65-135			
4-Chlorotoluene	28.5	5.0	ug/l	25.0	ND	114	70-135			
1,2-Dibromo-3-chloropropane	22.7	5.0	ug/l	25.0	ND	91	45-145			
Dibromochloromethane	25.1	2.0	ug/l	25.0	ND	100	65-140			
1,2-Dibromoethane (EDB)	26.7	2.0	ug/l	25.0	ND	107	70-130			
Dibromomethane	25.3	2.0	ug/l	25.0	ND	101	65-135			
1,2-Dichlorobenzene	28.1	2.0	ug/l	25.0	ND	112	75-125			
1,3-Dichlorobenzene	27.2	2.0	ug/l	25.0	ND	109	75-125			
1,4-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125			
Dichlorodifluoromethane	26.5	5.0	ug/l	25.0	ND	106	25-155			
1,1-Dichloroethane	25.6	2.0	ug/l	25.0	ND	103	65-130			
1,2-Dichloroethane	25.3	2.0	ug/l	25.0	ND	101	60-140			
1,1-Dichloroethene	25.3	5.0	ug/l	25.0	ND	101	60-130			
cis-1,2-Dichloroethene	26.7	2.0	ug/l	25.0	ND	107	65-130			
trans-1,2-Dichloroethene	25.9	2.0	ug/l	25.0	ND	104	65-130			
1,2-Dichloropropane	26.3	2.0	ug/l	25.0	ND	105	65-130			
1,3-Dichloropropane	26.6	2.0	ug/l	25.0	ND	106	65-135			
2,2-Dichloropropane	30.5	2.0	ug/l	25.0	ND	122	60-145			
cis-1,3-Dichloropropene	34.6	2.0	ug/l	25.0	ND	138	70-130			*M7*
trans-1,3-Dichloropropene	25.1	2.0	ug/l	25.0	ND	100	65-135			
1,1-Dichloropropene	28.0	2.0	ug/l	25.0	ND	112	70-135			
Ethylbenzene	28.3	2.0	ug/l	25.0	ND	113	65-130			

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B0031045.0003
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22023 Extracted: 11/22/08										
Matrix Spike Analyzed: 11/22/2008 (8K22023-MS1)					**Source: IRK1491-01**					
Hexachlorobutadiene	28.1	5.0	ug/l	25.0	ND	112	60-135			
Isopropylbenzene	27.5	2.0	ug/l	25.0	ND	110	70-135			
p-Isopropyltoluene	28.3	2.0	ug/l	25.0	ND	113	65-130			
Methylene chloride	24.3	5.0	ug/l	25.0	ND	97	50-135			
Naphthalene	28.3	5.0	ug/l	25.0	ND	113	50-140			
n-Propylbenzene	28.6	2.0	ug/l	25.0	ND	114	70-135			
Styrene	22.5	2.0	ug/l	25.0	ND	90	50-145			
1,1,1,2-Tetrachloroethane	26.0	5.0	ug/l	25.0	ND	104	65-140			
1,1,2,2-Tetrachloroethane	25.8	2.0	ug/l	25.0	ND	103	55-135			
Tetrachloroethene	29.9	2.0	ug/l	25.0	3.02	108	65-130			
Toluene	28.8	2.0	ug/l	25.0	ND	115	70-125			
1,2,3-Trichlorobenzene	27.7	5.0	ug/l	25.0	ND	111	60-135			
1,2,4-Trichlorobenzene	29.1	5.0	ug/l	25.0	ND	116	65-135			
1,1,1-Trichloroethane	27.3	2.0	ug/l	25.0	ND	109	65-140			
1,1,2-Trichloroethane	26.5	2.0	ug/l	25.0	ND	106	65-130			
Trichloroethene	31.3	2.0	ug/l	25.0	5.08	105	65-125			
Trichlorofluoromethane	23.4	5.0	ug/l	25.0	ND	94	60-145			
1,2,3-Trichloropropane	26.2	10	ug/l	25.0	ND	105	55-135			
1,2,4-Trimethylbenzene	28.1	2.0	ug/l	25.0	ND	112	55-135			
1,3,5-Trimethylbenzene	28.0	2.0	ug/l	25.0	ND	112	70-130			
Vinyl chloride	24.7	5.0	ug/l	25.0	ND	99	45-140			
m,p-Xylenes	59.0	2.0	ug/l	50.0	ND	118	65-130			
o-Xylene	29.4	2.0	ug/l	25.0	ND	118	65-125			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*23.4*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Matrix Spike Dup Analyzed: 11/22/2008 (8K22023-MSD1)					**Source: IRK1491-01**					
Benzene	26.4	2.0	ug/l	25.0	ND	106	65-125	1	20	
Bromobenzene	26.0	5.0	ug/l	25.0	ND	104	70-125	1	20	
Bromochloromethane	24.9	5.0	ug/l	25.0	ND	100	65-135	0	25	
Bromodichloromethane	27.4	2.0	ug/l	25.0	ND	110	70-135	0	20	
Bromoform	24.3	5.0	ug/l	25.0	ND	97	55-135	3	25	
Bromomethane	24.0	5.0	ug/l	25.0	ND	96	55-145	0	25	
n-Butylbenzene	29.1	5.0	ug/l	25.0	ND	116	65-135	1	20	
sec-Butylbenzene	29.2	5.0	ug/l	25.0	ND	117	70-125	0	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22023 Extracted: 11/22/08										
Matrix Spike Dup Analyzed: 11/22/2008 (8K22023-MSD1)					**Source: IRK1491-01**					
tert-Butylbenzene	27.9	5.0	ug/l	25.0	ND	112	65-130	1	20	
Carbon tetrachloride	27.5	5.0	ug/l	25.0	ND	110	65-140	1	25	
Chlorobenzene	26.8	2.0	ug/l	25.0	ND	107	75-125	1	20	
Chloroethane	24.3	5.0	ug/l	25.0	ND	97	55-140	1	25	
Chloroform	23.8	2.0	ug/l	25.0	ND	95	65-135	2	20	
Chloromethane	23.3	5.0	ug/l	25.0	ND	93	45-145	2	25	
2-Chlorotoluene	27.4	5.0	ug/l	25.0	ND	110	65-135	1	20	
4-Chlorotoluene	28.6	5.0	ug/l	25.0	ND	114	70-135	0	20	
1,2-Dibromo-3-chloropropane	24.8	5.0	ug/l	25.0	ND	99	45-145	9	30	
Dibromochloromethane	25.4	2.0	ug/l	25.0	ND	102	65-140	1	25	
1,2-Dibromoethane (EDB)	27.4	2.0	ug/l	25.0	ND	110	70-130	2	25	
Dibromomethane	25.6	2.0	ug/l	25.0	ND	102	65-135	1	25	
1,2-Dichlorobenzene	28.0	2.0	ug/l	25.0	ND	112	75-125	0	20	
1,3-Dichlorobenzene	27.1	2.0	ug/l	25.0	ND	108	75-125	0	20	
1,4-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125	0	20	
Dichlorodifluoromethane	28.2	5.0	ug/l	25.0	ND	113	25-155	6	30	
1,1-Dichloroethane	25.5	2.0	ug/l	25.0	ND	102	65-130	1	20	
1,2-Dichloroethane	25.5	2.0	ug/l	25.0	ND	102	60-140	1	20	
1,1-Dichloroethene	25.2	5.0	ug/l	25.0	ND	101	60-130	0	20	
cis-1,2-Dichloroethene	26.7	2.0	ug/l	25.0	ND	107	65-130	0	20	
trans-1,2-Dichloroethene	26.0	2.0	ug/l	25.0	ND	104	65-130	0	20	
1,2-Dichloropropane	26.3	2.0	ug/l	25.0	ND	105	65-130	0	20	
1,3-Dichloropropane	26.5	2.0	ug/l	25.0	ND	106	65-135	0	25	
2,2-Dichloropropane	30.4	2.0	ug/l	25.0	ND	121	60-145	1	25	
cis-1,3-Dichloropropene	34.7	2.0	ug/l	25.0	ND	139	70-130	1	20	*M7*
trans-1,3-Dichloropropene	25.1	2.0	ug/l	25.0	ND	101	65-135	0	25	
1,1-Dichloropropene	28.4	2.0	ug/l	25.0	ND	113	70-135	1	20	
Ethylbenzene	28.3	2.0	ug/l	25.0	ND	113	65-130	0	20	
Hexachlorobutadiene	28.0	5.0	ug/l	25.0	ND	112	60-135	0	20	
Isopropylbenzene	27.6	2.0	ug/l	25.0	ND	110	70-135	0	20	
p-Isopropyltoluene	27.8	2.0	ug/l	25.0	ND	111	65-130	2	20	
Methylene chloride	24.2	5.0	ug/l	25.0	ND	97	50-135	1	20	
Naphthalene	28.8	5.0	ug/l	25.0	ND	115	50-140	2	30	
n-Propylbenzene	28.6	2.0	ug/l	25.0	ND	114	70-135	0	20	
Styrene	16.7	2.0	ug/l	25.0	ND	67	50-145	30	30	
1,1,1,2-Tetrachloroethane	26.1	5.0	ug/l	25.0	ND	105	65-140	0	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22023 Extracted: 11/22/08										
Matrix Spike Dup Analyzed: 11/22/2008 (8K22023-MSD1)					**Source: IRK1491-01**					
1,1,2,2-Tetrachloroethane	27.0	2.0	ug/l	25.0	ND	108	55-135	5	30	
Tetrachloroethene	30.0	2.0	ug/l	25.0	3.02	108	65-130	0	20	
Toluene	28.6	2.0	ug/l	25.0	ND	114	70-125	1	20	
1,2,3-Trichlorobenzene	27.8	5.0	ug/l	25.0	ND	111	60-135	0	20	
1,2,4-Trichlorobenzene	29.1	5.0	ug/l	25.0	ND	116	65-135	0	20	
1,1,1-Trichloroethane	27.5	2.0	ug/l	25.0	ND	110	65-140	1	20	
1,1,2-Trichloroethane	26.6	2.0	ug/l	25.0	ND	106	65-130	0	25	
Trichloroethene	31.5	2.0	ug/l	25.0	5.08	106	65-125	1	20	
Trichlorofluoromethane	24.0	5.0	ug/l	25.0	ND	96	60-145	2	25	
1,2,3-Trichloropropane	27.3	10	ug/l	25.0	ND	109	55-135	4	30	
1,2,4-Trimethylbenzene	24.6	2.0	ug/l	25.0	ND	99	55-135	13	25	
1,3,5-Trimethylbenzene	26.3	2.0	ug/l	25.0	ND	105	70-130	7	20	
Vinyl chloride	24.8	5.0	ug/l	25.0	ND	99	45-140	0	30	
m,p-Xylenes	57.5	2.0	ug/l	50.0	ND	115	65-130	3	25	
o-Xylene	29.3	2.0	ug/l	25.0	ND	117	65-125	0	20	
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*23.1*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			

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Project ID: Oakland
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Sampled: 11/12/08-11/13/08
Received: 11/14/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K17094-BLK1)										
Acenaphthene	ND	10	ug/l							
Acenaphthylene	ND	10	ug/l							
Aniline	ND	10	ug/l							
Anthracene	ND	10	ug/l							
Benzidine	ND	20	ug/l							
Benzo(a)anthracene	ND	10	ug/l							
Benzo(a)pyrene	ND	10	ug/l							
Benzo(b)fluoranthene	ND	10	ug/l							
Benzo(g,h,i)perylene	ND	10	ug/l							
Benzo(k)fluoranthene	ND	10	ug/l							
Benzoic acid	ND	20	ug/l							
Benzyl alcohol	ND	20	ug/l							
4-Bromophenyl phenyl ether	ND	10	ug/l							
Butyl benzyl phthalate	ND	20	ug/l							
4-Chloro-3-methylphenol	ND	20	ug/l							
4-Chloroaniline	ND	10	ug/l							
Bis(2-chloroethoxy)methane	ND	10	ug/l							
Bis(2-chloroethyl)ether	ND	10	ug/l							
Bis(2-chloroisopropyl)ether	ND	10	ug/l							
2-Chloronaphthalene	ND	10	ug/l							
2-Chlorophenol	ND	10	ug/l							
4-Chlorophenyl phenyl ether	ND	10	ug/l							
Chrysene	ND	10	ug/l							
Dibenz(a,h)anthracene	ND	20	ug/l							
Dibenzofuran	ND	10	ug/l							
Di-n-butyl phthalate	ND	20	ug/l							
1,2-Dichlorobenzene	ND	10	ug/l							
1,3-Dichlorobenzene	ND	10	ug/l							
1,4-Dichlorobenzene	ND	10	ug/l							
3,3'-Dichlorobenzidine	ND	20	ug/l							
2,4-Dichlorophenol	ND	10	ug/l							
Diethyl phthalate	ND	10	ug/l							
2,4-Dimethylphenol	ND	20	ug/l							
Dimethyl phthalate	ND	10	ug/l							
4,6-Dinitro-2-methylphenol	ND	20	ug/l							
2,4-Dinitrophenol	ND	20	ug/l							

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K17094-BLK1)										
2,4-Dinitrotoluene	ND	10	ug/l							
2,6-Dinitrotoluene	ND	10	ug/l							
Di-n-octyl phthalate	ND	20	ug/l							
1,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l							
Bis(2-ethylhexyl)phthalate	ND	50	ug/l							
Fluoranthene	ND	10	ug/l							
Fluorene	ND	10	ug/l							
Hexachlorobenzene	ND	10	ug/l							
Hexachlorobutadiene	ND	10	ug/l							
Hexachlorocyclopentadiene	ND	20	ug/l							
Hexachloroethane	ND	10	ug/l							
Indeno(1,2,3-cd)pyrene	ND	20	ug/l							
Isophorone	ND	10	ug/l							
2-Methylnaphthalene	ND	10	ug/l							
2-Methylphenol	ND	10	ug/l							
4-Methylphenol	ND	10	ug/l							
Naphthalene	ND	10	ug/l							
2-Nitroaniline	ND	20	ug/l							
3-Nitroaniline	ND	20	ug/l							
4-Nitroaniline	ND	20	ug/l							
Nitrobenzene	ND	20	ug/l							
2-Nitrophenol	ND	10	ug/l							
4-Nitrophenol	ND	20	ug/l							
N-Nitroso-di-n-propylamine	ND	10	ug/l							
N-Nitrosodiphenylamine	ND	10	ug/l							
Pentachlorophenol	ND	20	ug/l							
Phenanthrene	ND	10	ug/l							
Phenol	ND	10	ug/l							
Pyrene	ND	10	ug/l							
1,2,4-Trichlorobenzene	ND	10	ug/l							
2,4,5-Trichlorophenol	ND	20	ug/l							
2,4,6-Trichlorophenol	ND	20	ug/l							
Surrogate: 2,4,6-Tribromophenol	*185*		*ug/l*	*200*		*92*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*89.5*		*ug/l*	*100*		*90*	*50-120*			
Surrogate: 2-Fluorophenol	*142*		*ug/l*	*200*		*71*	*30-120*			
Surrogate: Nitrobenzene-d5	*86.5*		*ug/l*	*100*		*86*	*45-120*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
Blank Analyzed: 11/19/2008 (8K17094-BLK1)										
Surrogate: Phenol-d6	*149*		*ug/l*	*200*		*75*	*35-120*			
Surrogate: Terphenyl-d14	*111*		*ug/l*	*100*		*111*	*50-125*			
LCS Analyzed: 11/20/2008 (8K17094-BS1)										**MNR1**
Acenaphthene	82.4	10	ug/l	100		82	60-120			
Acenaphthylene	78.0	10	ug/l	100		78	60-120			
Aniline	77.3	10	ug/l	100		77	35-120			
Anthracene	104	10	ug/l	100		104	65-120			
Benzidine	109	20	ug/l	100		109	30-160			
Benzo(a)anthracene	90.5	10	ug/l	100		90	65-120			
Benzo(a)pyrene	90.1	10	ug/l	100		90	55-130			
Benzo(b)fluoranthene	81.6	10	ug/l	100		82	55-125			
Benzo(g,h,i)perylene	112	10	ug/l	100		112	45-135			
Benzo(k)fluoranthene	93.0	10	ug/l	100		93	50-125			
Benzoic acid	65.1	20	ug/l	100		65	25-120			
Benzyl alcohol	90.0	20	ug/l	100		90	50-120			
4-Bromophenyl phenyl ether	101	10	ug/l	100		101	60-120			
Butyl benzyl phthalate	91.5	20	ug/l	100		92	55-130			
4-Chloro-3-methylphenol	89.3	20	ug/l	100		89	60-120			
4-Chloroaniline	91.8	10	ug/l	100		92	55-120			
Bis(2-chloroethoxy)methane	92.0	10	ug/l	100		92	55-120			
Bis(2-chloroethyl)ether	88.6	10	ug/l	100		89	50-120			
Bis(2-chloroisopropyl)ether	68.4	10	ug/l	100		68	45-120			
2-Chloronaphthalene	85.9	10	ug/l	100		86	60-120			
2-Chlorophenol	75.3	10	ug/l	100		75	45-120			
4-Chlorophenyl phenyl ether	93.2	10	ug/l	100		93	65-120			
Chrysene	91.7	10	ug/l	100		92	65-120			
Dibenz(a,h)anthracene	95.9	20	ug/l	100		96	50-135			
Dibenzofuran	94.1	10	ug/l	100		94	65-120			
Di-n-butyl phthalate	116	20	ug/l	100		116	60-125			
1,2-Dichlorobenzene	67.7	10	ug/l	100		68	40-120			
1,3-Dichlorobenzene	63.7	10	ug/l	100		64	35-120			
1,4-Dichlorobenzene	64.1	10	ug/l	100		64	35-120			
3,3'-Dichlorobenzidine	70.3	20	ug/l	100		70	45-135			
2,4-Dichlorophenol	90.3	10	ug/l	100		90	55-120			
Diethyl phthalate	87.6	10	ug/l	100		88	55-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
LCS Analyzed: 11/20/2008 (8K17094-BS1)										**MNR1**
2,4-Dimethylphenol	82.3	20	ug/l	100		82	40-120			
Dimethyl phthalate	93.4	10	ug/l	100		93	30-120			
4,6-Dinitro-2-methylphenol	90.8	20	ug/l	100		91	45-120			
2,4-Dinitrophenol	70.5	20	ug/l	100		70	40-120			
2,4-Dinitrotoluene	94.1	10	ug/l	100		94	65-120			
2,6-Dinitrotoluene	93.1	10	ug/l	100		93	65-120			
Di-n-octyl phthalate	83.9	20	ug/l	100		84	65-135			
1,2-Diphenylhydrazine/Azobenzene	81.6	20	ug/l	100		82	60-120			
Bis(2-ethylhexyl)phthalate	83.0	50	ug/l	100		83	65-130			
Fluoranthene	117	10	ug/l	100		117	60-120			
Fluorene	94.7	10	ug/l	100		95	65-120			
Hexachlorobenzene	94.6	10	ug/l	100		95	60-120			
Hexachlorobutadiene	71.2	10	ug/l	100		71	40-120			
Hexachlorocyclopentadiene	68.3	20	ug/l	100		68	25-120			
Hexachloroethane	58.2	10	ug/l	100		58	35-120			
Indeno(1,2,3-cd)pyrene	95.8	20	ug/l	100		96	45-135			
Isophorone	85.3	10	ug/l	100		85	50-120			
2-Methylnaphthalene	88.6	10	ug/l	100		89	55-120			
2-Methylphenol	82.3	10	ug/l	100		82	50-120			
4-Methylphenol	82.1	10	ug/l	100		82	50-120			
Naphthalene	77.2	10	ug/l	100		77	55-120			
2-Nitroaniline	87.7	20	ug/l	100		88	65-120			
3-Nitroaniline	89.1	20	ug/l	100		89	60-120			
4-Nitroaniline	100	20	ug/l	100		100	55-125			
Nitrobenzene	77.8	20	ug/l	100		78	55-120			
2-Nitrophenol	84.0	10	ug/l	100		84	50-120			
4-Nitrophenol	57.5	20	ug/l	100		57	45-120			
N-Nitroso-di-n-propylamine	88.8	10	ug/l	100		89	45-120			
N-Nitrosodiphenylamine	93.9	10	ug/l	100		94	60-120			
Pentachlorophenol	107	20	ug/l	100		107	50-120			
Phenanthrene	105	10	ug/l	100		105	65-120			
Phenol	66.5	10	ug/l	100		66	40-120			
Pyrene	80.0	10	ug/l	100		80	55-125			
1,2,4-Trichlorobenzene	72.5	10	ug/l	100		73	45-120			
2,4,5-Trichlorophenol	90.6	20	ug/l	100		91	55-120			
2,4,6-Trichlorophenol	84.0	20	ug/l	100		84	55-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
LCS Analyzed: 11/20/2008 (8K17094-BS1)										**MNR1**
Surrogate: 2,4,6-Tribromophenol	*187*		*ug/l*	*200*		*94*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*88.3*		*ug/l*	*100*		*88*	*50-120*			
Surrogate: 2-Fluorophenol	*131*		*ug/l*	*200*		*66*	*30-120*			
Surrogate: Nitrobenzene-d5	*81.3*		*ug/l*	*100*		*81*	*45-120*			
Surrogate: Phenol-d6	*138*		*ug/l*	*200*		*69*	*35-120*			
Surrogate: Terphenyl-d14	*89.9*		*ug/l*	*100*		*90*	*50-125*			
LCS Dup Analyzed: 11/19/2008 (8K17094-BSD1)										
Acenaphthene	97.4	10	ug/l	100		97	60-120	17	20	
Acenaphthylene	92.6	10	ug/l	100		93	60-120	17	20	
Aniline	81.0	10	ug/l	100		81	35-120	5	30	
Anthracene	102	10	ug/l	100		102	65-120	2	20	
Benzidine	132	20	ug/l	100		132	30-160	19	35	
Benzo(a)anthracene	103	10	ug/l	100		103	65-120	13	20	
Benzo(a)pyrene	105	10	ug/l	100		105	55-130	15	25	
Benzo(b)fluoranthene	94.8	10	ug/l	100		95	55-125	15	25	
Benzo(g,h,i)perylene	105	10	ug/l	100		105	45-135	6	25	
Benzo(k)fluoranthene	102	10	ug/l	100		102	50-125	9	20	
Benzoic acid	68.1	20	ug/l	100		68	25-120	5	30	
Benzyl alcohol	89.3	20	ug/l	100		89	50-120	1	20	
4-Bromophenyl phenyl ether	114	10	ug/l	100		114	60-120	12	25	
Butyl benzyl phthalate	97.3	20	ug/l	100		97	55-130	6	20	
4-Chloro-3-methylphenol	102	20	ug/l	100		102	60-120	13	25	
4-Chloroaniline	92.6	10	ug/l	100		93	55-120	1	25	
Bis(2-chloroethoxy)methane	89.2	10	ug/l	100		89	55-120	3	20	
Bis(2-chloroethyl)ether	84.5	10	ug/l	100		85	50-120	5	20	
Bis(2-chloroisopropyl)ether	79.1	10	ug/l	100		79	45-120	15	20	
2-Chloronaphthalene	94.6	10	ug/l	100		95	60-120	10	20	
2-Chlorophenol	82.2	10	ug/l	100		82	45-120	9	25	
4-Chlorophenyl phenyl ether	102	10	ug/l	100		102	65-120	9	20	
Chrysene	97.4	10	ug/l	100		97	65-120	6	20	
Dibenz(a,h)anthracene	107	20	ug/l	100		107	50-135	11	25	
Dibenzofuran	101	10	ug/l	100		101	65-120	7	20	
Di-n-butyl phthalate	102	20	ug/l	100		102	60-125	12	20	
1,2-Dichlorobenzene	74.3	10	ug/l	100		74	40-120	9	25	
1,3-Dichlorobenzene	68.5	10	ug/l	100		69	35-120	7	25	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
LCS Dup Analyzed: 11/19/2008 (8K17094-BSD1)										
1,4-Dichlorobenzene	69.7	10	ug/l	100		70	35-120	8	25	
3,3'-Dichlorobenzidine	115	20	ug/l	100		115	45-135	48	25	*R-7*
2,4-Dichlorophenol	96.5	10	ug/l	100		97	55-120	7	20	
Diethyl phthalate	101	10	ug/l	100		101	55-120	14	30	
2,4-Dimethylphenol	81.6	20	ug/l	100		82	40-120	1	25	
Dimethyl phthalate	102	10	ug/l	100		102	30-120	9	30	
4,6-Dinitro-2-methylphenol	105	20	ug/l	100		105	45-120	15	25	
2,4-Dinitrophenol	91.9	20	ug/l	100		92	40-120	26	25	*R-7*
2,4-Dinitrotoluene	101	10	ug/l	100		101	65-120	7	20	
2,6-Dinitrotoluene	103	10	ug/l	100		103	65-120	10	20	
Di-n-octyl phthalate	97.8	20	ug/l	100		98	65-135	15	20	
1,2-Diphenylhydrazine/Azobenzene	96.8	20	ug/l	100		97	60-120	17	25	
Bis(2-ethylhexyl)phthalate	97.7	50	ug/l	100		98	65-130	16	20	
Fluoranthene	97.1	10	ug/l	100		97	60-120	19	20	
Fluorene	96.8	10	ug/l	100		97	65-120	2	20	
Hexachlorobenzene	106	10	ug/l	100		106	60-120	12	20	
Hexachlorobutadiene	86.8	10	ug/l	100		87	40-120	20	25	
Hexachlorocyclopentadiene	103	20	ug/l	100		103	25-120	41	30	*R-7*
Hexachloroethane	68.8	10	ug/l	100		69	35-120	17	25	
Indeno(1,2,3-cd)pyrene	106	20	ug/l	100		106	45-135	10	25	
Isophorone	88.3	10	ug/l	100		88	50-120	3	20	
2-Methylnaphthalene	96.9	10	ug/l	100		97	55-120	9	20	
2-Methylphenol	84.3	10	ug/l	100		84	50-120	2	20	
4-Methylphenol	88.0	10	ug/l	100		88	50-120	7	20	
Naphthalene	85.7	10	ug/l	100		86	55-120	10	20	
2-Nitroaniline	99.1	20	ug/l	100		99	65-120	12	20	
3-Nitroaniline	96.3	20	ug/l	100		96	60-120	8	25	
4-Nitroaniline	86.5	20	ug/l	100		86	55-125	15	20	
Nitrobenzene	88.2	20	ug/l	100		88	55-120	13	25	
2-Nitrophenol	93.4	10	ug/l	100		93	50-120	11	25	
4-Nitrophenol	91.5	20	ug/l	100		92	45-120	46	30	*R-7*
N-Nitroso-di-n-propylamine	86.6	10	ug/l	100		87	45-120	2	20	
N-Nitrosodiphenylamine	105	10	ug/l	100		105	60-120	11	20	
Pentachlorophenol	93.8	20	ug/l	100		94	50-120	13	25	
Phenanthrene	97.5	10	ug/l	100		97	65-120	7	20	
Phenol	78.6	10	ug/l	100		79	40-120	17	25	

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Received: 11/14/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17094 Extracted: 11/17/08										
LCS Dup Analyzed: 11/19/2008 (8K17094-BSD1)										
Pyrene	95.3	10	ug/l	100		95	55-125	17	25	
1,2,4-Trichlorobenzene	83.3	10	ug/l	100		83	45-120	14	20	
2,4,5-Trichlorophenol	110	20	ug/l	100		110	55-120	19	30	
2,4,6-Trichlorophenol	109	20	ug/l	100		109	55-120	26	30	
Surrogate: 2,4,6-Tribromophenol	*199*		*ug/l*	*200*		*100*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*95.2*		*ug/l*	*100*		*95*	*50-120*			
Surrogate: 2-Fluorophenol	*149*		*ug/l*	*200*		*75*	*30-120*			
Surrogate: Nitrobenzene-d5	*88.9*		*ug/l*	*100*		*89*	*45-120*			
Surrogate: Phenol-d6	*159*		*ug/l*	*200*		*80*	*35-120*			
Surrogate: Terphenyl-d14	*115*		*ug/l*	*100*		*115*	*50-125*			

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Project Manager

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*6090*		*ug/kg*	*6670*		*91*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2250*		*ug/kg*	*3330*		*67*	*35-120*			
Surrogate: 2-Fluorophenol	*4990*		*ug/kg*	*6670*		*75*	*25-120*			
Surrogate: Nitrobenzene-d5	*2370*		*ug/kg*	*3330*		*71*	*30-120*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
Surrogate: Phenol-d6	*4950*		*ug/kg*	*6670*		*74*	*35-120*			
Surrogate: Terphenyl-d14	*2890*		*ug/kg*	*3330*		*87*	*40-135*			
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
Acenaphthene	2610	330	ug/kg	3330		78	50-120			
Acenaphthylene	2570	330	ug/kg	3330		77	50-120			
Aniline	2380	420	ug/kg	3330		71	25-120			
Anthracene	3270	330	ug/kg	3330		98	55-120			
Benzidine	2500	660	ug/kg	3330		75	20-120			
Benzo(a)anthracene	2980	330	ug/kg	3330		89	55-120			
Benzo(a)pyrene	3160	330	ug/kg	3330		95	50-125			
Benzo(b)fluoranthene	2840	330	ug/kg	3330		85	45-125			
Benzo(g,h,i)perylene	3680	330	ug/kg	3330		110	35-130			
Benzo(k)fluoranthene	3190	330	ug/kg	3330		96	45-125			
Benzoic acid	2690	830	ug/kg	3330		81	20-120			
Benzyl alcohol	2940	330	ug/kg	3330		88	35-120			
4-Bromophenyl phenyl ether	2880	330	ug/kg	3330		87	45-120			
Butyl benzyl phthalate	3750	330	ug/kg	3330		113	50-125			
4-Chloro-3-methylphenol	3360	330	ug/kg	3330		101	50-125			
4-Chloroaniline	2140	330	ug/kg	3330		64	20-120			
Bis(2-chloroethoxy)methane	2670	330	ug/kg	3330		80	45-120			
Bis(2-chloroethyl)ether	2560	170	ug/kg	3330		77	35-120			
Bis(2-chloroisopropyl)ether	2870	330	ug/kg	3330		86	40-120			
2-Chloronaphthalene	2520	330	ug/kg	3330		76	45-120			
2-Chlorophenol	2680	330	ug/kg	3330		80	40-120			
4-Chlorophenyl phenyl ether	2780	330	ug/kg	3330		84	55-120			
Chrysene	3010	330	ug/kg	3330		90	55-120			
Dibenz(a,h)anthracene	3220	420	ug/kg	3330		97	40-135			
Dibenzofuran	2850	330	ug/kg	3330		86	55-120			
Di-n-butyl phthalate	3680	330	ug/kg	3330		110	50-125			
1,2-Dichlorobenzene	2240	330	ug/kg	3330		67	40-120			
1,3-Dichlorobenzene	2010	330	ug/kg	3330		60	35-120			
1,4-Dichlorobenzene	2040	330	ug/kg	3330		61	35-120			
3,3'-Dichlorobenzidine	2330	830	ug/kg	3330		70	20-130			
2,4-Dichlorophenol	3120	330	ug/kg	3330		94	45-120			
Diethyl phthalate	2970	330	ug/kg	3330		89	50-125			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
2,4-Dimethylphenol	2950	330	ug/kg	3330		89	40-120			
Dimethyl phthalate	2850	330	ug/kg	3330		86	50-125			
4,6-Dinitro-2-methylphenol	3060	420	ug/kg	3330		92	40-120			
2,4-Dinitrophenol	2250	660	ug/kg	3330		67	25-120			
2,4-Dinitrotoluene	2990	330	ug/kg	3330		90	55-125			
2,6-Dinitrotoluene	2880	330	ug/kg	3330		86	55-125			
Di-n-octyl phthalate	3530	330	ug/kg	3330		106	50-135			
1,2-Diphenylhydrazine/Azobenzene	2940	330	ug/kg	3330		88	50-125			
Bis(2-ethylhexyl)phthalate	3520	330	ug/kg	3330		106	50-130			
Fluoranthene	3270	330	ug/kg	3330		98	55-120			
Fluorene	2800	330	ug/kg	3330		84	55-120			
Hexachlorobenzene	2610	330	ug/kg	3330		78	50-120			
Hexachlorobutadiene	2370	330	ug/kg	3330		71	40-120			
Hexachlorocyclopentadiene	2220	830	ug/kg	3330		67	30-125			
Hexachloroethane	2080	330	ug/kg	3330		62	40-120			
Indeno(1,2,3-cd)pyrene	3260	330	ug/kg	3330		98	30-135			
Isophorone	2630	330	ug/kg	3330		79	40-120			
2-Methylnaphthalene	2820	330	ug/kg	3330		85	45-120			
2-Methylphenol	2990	330	ug/kg	3330		90	40-120			
4-Methylphenol	2970	330	ug/kg	3330		89	45-120			
Naphthalene	2360	330	ug/kg	3330		71	45-120			
2-Nitroaniline	3600	330	ug/kg	3330		108	50-125			
3-Nitroaniline	2440	330	ug/kg	3330		73	35-120			
4-Nitroaniline	2990	830	ug/kg	3330		90	45-125			
Nitrobenzene	2700	330	ug/kg	3330		81	45-120			
2-Nitrophenol	2610	330	ug/kg	3330		78	45-120			
4-Nitrophenol	2930	830	ug/kg	3330		88	40-125			
N-Nitroso-di-n-propylamine	2800	250	ug/kg	3330		84	40-120			
N-Nitrosodiphenylamine	2950	330	ug/kg	3330		89	50-120			
Pentachlorophenol	2700	830	ug/kg	3330		81	40-120			
Phenanthrene	3280	330	ug/kg	3330		98	50-120			
Phenol	2700	330	ug/kg	3330		81	40-120			
Pyrene	3010	330	ug/kg	3330		90	45-125			
1,2,4-Trichlorobenzene	2350	330	ug/kg	3330		70	40-120			
2,4,5-Trichlorophenol	3040	330	ug/kg	3330		91	50-120			
2,4,6-Trichlorophenol	2820	330	ug/kg	3330		85	50-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
Surrogate: 2,4,6-Tribromophenol	*5760*		*ug/kg*	*6670*		*86*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2630*		*ug/kg*	*3330*		*79*	*35-120*			
Surrogate: 2-Fluorophenol	*5530*		*ug/kg*	*6670*		*83*	*25-120*			
Surrogate: Nitrobenzene-d5	*2710*		*ug/kg*	*3330*		*81*	*30-120*			
Surrogate: Phenol-d6	*5960*		*ug/kg*	*6670*		*89*	*35-120*			
Surrogate: Terphenyl-d14	*2960*		*ug/kg*	*3330*		*89*	*40-135*			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Blank Analyzed: 11/24/2008 (8K22063-BLK1)										
Acenaphthene	ND	0.050	mg/l							
Acenaphthylene	ND	0.050	mg/l							
Aniline	ND	0.050	mg/l							
Anthracene	ND	0.050	mg/l							
Benzidine	ND	0.50	mg/l							
Benzo(a)anthracene	ND	0.050	mg/l							
Benzo(a)pyrene	ND	0.050	mg/l							
Benzo(b)fluoranthene	ND	0.050	mg/l							
Benzo(g,h,i)perylene	ND	0.050	mg/l							
Benzo(k)fluoranthene	ND	0.050	mg/l							
Benzoic acid	ND	0.50	mg/l							
Benzyl alcohol	ND	0.10	mg/l							
4-Bromophenyl phenyl ether	ND	0.050	mg/l							
Butyl benzyl phthalate	ND	0.10	mg/l							
4-Chloro-3-methylphenol	ND	0.10	mg/l							
4-Chloroaniline	ND	0.050	mg/l							
Bis(2-chloroethoxy)methane	ND	0.050	mg/l							
Bis(2-chloroethyl)ether	ND	0.050	mg/l							
Bis(2-chloroisopropyl)ether	ND	0.050	mg/l							
2-Chloronaphthalene	ND	0.050	mg/l							
2-Chlorophenol	ND	0.050	mg/l							
4-Chlorophenyl phenyl ether	ND	0.050	mg/l							
Chrysene	ND	0.050	mg/l							
Dibenz(a,h)anthracene	ND	0.10	mg/l							
Dibenzofuran	ND	0.050	mg/l							
Di-n-butyl phthalate	ND	0.10	mg/l							
1,2-Dichlorobenzene	ND	0.050	mg/l							
1,3-Dichlorobenzene	ND	0.050	mg/l							
1,4-Dichlorobenzene	ND	0.050	mg/l							
3,3'-Dichlorobenzidine	ND	0.20	mg/l							
2,4-Dichlorophenol	ND	0.050	mg/l							
Diethyl phthalate	ND	0.050	mg/l							
2,4-Dimethylphenol	ND	0.10	mg/l							
Dimethyl phthalate	ND	0.050	mg/l							
4,6-Dinitro-2-methylphenol	ND	0.20	mg/l							
2,4-Dinitrophenol	ND	0.50	mg/l							

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Blank Analyzed: 11/24/2008 (8K22063-BLK1)										
2,4-Dinitrotoluene	ND	0.050	mg/l							
2,6-Dinitrotoluene	ND	0.050	mg/l							
Di-n-octyl phthalate	ND	0.20	mg/l							
1,2-Diphenylhydrazine/Azobenzene	ND	0.10	mg/l							
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/l							
Fluoranthene	ND	0.050	mg/l							
Fluorene	ND	0.050	mg/l							
Hexachlorobenzene	ND	0.050	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Hexachlorocyclopentadiene	ND	0.20	mg/l							
Hexachloroethane	ND	0.050	mg/l							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/l							
Isophorone	ND	0.050	mg/l							
2-Methylnaphthalene	ND	0.050	mg/l							
2-Methylphenol	ND	0.050	mg/l							
4-Methylphenol	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
2-Nitroaniline	ND	0.10	mg/l							
3-Nitroaniline	ND	0.10	mg/l							
4-Nitroaniline	ND	0.50	mg/l							
Nitrobenzene	ND	0.20	mg/l							
2-Nitrophenol	ND	0.050	mg/l							
4-Nitrophenol	ND	0.50	mg/l							
N-Nitroso-di-n-propylamine	ND	0.10	mg/l							
N-Nitrosodiphenylamine	ND	0.050	mg/l							
Pentachlorophenol	ND	0.20	mg/l							
Phenanthrene	ND	0.050	mg/l							
Phenol	ND	0.050	mg/l							
Pyrene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
2,4,5-Trichlorophenol	ND	0.10	mg/l							
2,4,6-Trichlorophenol	ND	0.10	mg/l							
Surrogate: 2,4,6-Tribromophenol	*1.01*		*mg/l*	*1.00*		*101*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.388*		*mg/l*	*0.500*		*78*	*45-120*			
Surrogate: 2-Fluorophenol	*0.644*		*mg/l*	*1.00*		*64*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.373*		*mg/l*	*0.500*		*75*	*40-120*			

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Kathleen A. Robb For Sushmitha Reddy
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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Blank Analyzed: 11/24/2008 (8K22063-BLK1)										
Surrogate: Phenol-d6	*0.719*		*mg/l*	*1.00*		*72*	*45-120*			
Surrogate: Terphenyl-d14	*0.373*		*mg/l*	*0.500*		*75*	*45-135*			
LCS Analyzed: 11/24/2008 (8K22063-BS1)										
Acenaphthene	0.364	0.050	mg/l	0.500		73	60-120			
Acenaphthylene	0.369	0.050	mg/l	0.500		74	60-120			
Aniline	0.368	0.050	mg/l	0.500		74	35-120			
Anthracene	0.459	0.050	mg/l	0.500		92	65-120			
Benzidine	0.336	0.50	mg/l	0.500		67	30-160			
Benzo(a)anthracene	0.425	0.050	mg/l	0.500		85	65-120			
Benzo(a)pyrene	0.406	0.050	mg/l	0.500		81	55-130			
Benzo(b)fluoranthene	0.392	0.050	mg/l	0.500		78	55-125			
Benzo(g,h,i)perylene	0.501	0.050	mg/l	0.500		100	45-135			
Benzo(k)fluoranthene	0.430	0.050	mg/l	0.500		86	50-125			
Benzoic acid	0.323	0.50	mg/l	0.500		65	25-120			
Benzyl alcohol	0.392	0.10	mg/l	0.500		78	50-120			
4-Bromophenyl phenyl ether	0.473	0.050	mg/l	0.500		95	60-120			
Butyl benzyl phthalate	0.454	0.10	mg/l	0.500		91	55-130			
4-Chloro-3-methylphenol	0.420	0.10	mg/l	0.500		84	60-120			
4-Chloroaniline	0.408	0.050	mg/l	0.500		82	55-120			
Bis(2-chloroethoxy)methane	0.391	0.050	mg/l	0.500		78	55-120			
Bis(2-chloroethyl)ether	0.390	0.050	mg/l	0.500		78	50-120			
Bis(2-chloroisopropyl)ether	0.328	0.050	mg/l	0.500		66	45-120			
2-Chloronaphthalene	0.376	0.050	mg/l	0.500		75	60-120			
2-Chlorophenol	0.321	0.050	mg/l	0.500		64	45-120			
4-Chlorophenyl phenyl ether	0.411	0.050	mg/l	0.500		82	65-120			
Chrysene	0.426	0.050	mg/l	0.500		85	65-120			
Dibenz(a,h)anthracene	0.439	0.10	mg/l	0.500		88	50-135			
Dibenzofuran	0.394	0.050	mg/l	0.500		79	65-120			
Di-n-butyl phthalate	0.499	0.10	mg/l	0.500		100	60-125			
1,2-Dichlorobenzene	0.334	0.050	mg/l	0.500		67	40-120			
1,3-Dichlorobenzene	0.316	0.050	mg/l	0.500		63	35-120			
1,4-Dichlorobenzene	0.316	0.050	mg/l	0.500		63	35-120			
3,3'-Dichlorobenzidine	0.331	0.20	mg/l	0.500		66	45-135			
2,4-Dichlorophenol	0.395	0.050	mg/l	0.500		79	55-120			
Diethyl phthalate	0.411	0.050	mg/l	0.500		82	55-120			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
LCS Analyzed: 11/24/2008 (8K22063-BS1)										
2,4-Dimethylphenol	0.344	0.10	mg/l	0.500		69	40-120			
Dimethyl phthalate	0.419	0.050	mg/l	0.500		84	30-120			
4,6-Dinitro-2-methylphenol	0.384	0.20	mg/l	0.500		77	45-120			
2,4-Dinitrophenol	0.262	0.50	mg/l	0.500		52	40-120			
2,4-Dinitrotoluene	0.439	0.050	mg/l	0.500		88	65-120			
2,6-Dinitrotoluene	0.411	0.050	mg/l	0.500		82	65-120			
Di-n-octyl phthalate	0.420	0.20	mg/l	0.500		84	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.357	0.10	mg/l	0.500		71	60-120			
Bis(2-ethylhexyl)phthalate	0.390	0.25	mg/l	0.500		78	65-130			
Fluoranthene	0.517	0.050	mg/l	0.500		103	60-120			
Fluorene	0.414	0.050	mg/l	0.500		83	65-120			
Hexachlorobenzene	0.470	0.050	mg/l	0.500		94	60-120			
Hexachlorobutadiene	0.365	0.050	mg/l	0.500		73	40-120			
Hexachlorocyclopentadiene	0.256	0.20	mg/l	0.500		51	25-120			
Hexachloroethane	0.305	0.050	mg/l	0.500		61	35-120			
Indeno(1,2,3-cd)pyrene	0.430	0.10	mg/l	0.500		86	45-135			
Isophorone	0.397	0.050	mg/l	0.500		79	50-120			
2-Methylnaphthalene	0.383	0.050	mg/l	0.500		77	55-120			
2-Methylphenol	0.372	0.050	mg/l	0.500		74	50-120			
4-Methylphenol	0.383	0.050	mg/l	0.500		77	50-120			
Naphthalene	0.352	0.050	mg/l	0.500		70	55-120			
2-Nitroaniline	0.393	0.10	mg/l	0.500		79	65-120			
3-Nitroaniline	0.424	0.10	mg/l	0.500		85	60-120			
4-Nitroaniline	0.431	0.50	mg/l	0.500		86	55-125			
Nitrobenzene	0.351	0.20	mg/l	0.500		70	55-120			
2-Nitrophenol	0.371	0.050	mg/l	0.500		74	50-120			
4-Nitrophenol	0.310	0.50	mg/l	0.500		62	45-120			
N-Nitroso-di-n-propylamine	0.412	0.10	mg/l	0.500		82	45-120			
N-Nitrosodiphenylamine	0.456	0.050	mg/l	0.500		91	60-120			
Pentachlorophenol	0.398	0.20	mg/l	0.500		80	50-120			
Phenanthrene	0.468	0.050	mg/l	0.500		94	65-120			
Phenol	0.297	0.050	mg/l	0.500		59	40-120			
Pyrene	0.409	0.050	mg/l	0.500		82	55-125			
1,2,4-Trichlorobenzene	0.340	0.050	mg/l	0.500		68	45-120			
2,4,5-Trichlorophenol	0.427	0.10	mg/l	0.500		85	55-120			
2,4,6-Trichlorophenol	0.395	0.10	mg/l	0.500		79	55-120			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
LCS Analyzed: 11/24/2008 (8K22063-BS1)										
Surrogate: 2,4,6-Tribromophenol	*0.867*		*mg/l*	*1.00*		*87*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.350*		*mg/l*	*0.500*		*70*	*45-120*			
Surrogate: 2-Fluorophenol	*0.498*		*mg/l*	*1.00*		*50*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.320*		*mg/l*	*0.500*		*64*	*40-120*			
Surrogate: Phenol-d6	*0.579*		*mg/l*	*1.00*		*58*	*45-120*			
Surrogate: Terphenyl-d14	*0.351*		*mg/l*	*0.500*		*70*	*45-135*			
Matrix Spike Analyzed: 11/24/2008 (8K22063-MS1)					**Source: IRK1526-01**					
Acenaphthene	0.497	0.050	mg/l	0.500	ND	99	60-120			
Acenaphthylene	0.502	0.050	mg/l	0.500	ND	100	60-120			
Aniline	0.397	0.050	mg/l	0.500	ND	79	35-120			
Anthracene	0.601	0.050	mg/l	0.500	ND	120	65-120			
Benzidine	0.113	0.50	mg/l	0.500	ND	23	30-160			*M2*
Benzo(a)anthracene	0.550	0.050	mg/l	0.500	ND	110	65-120			
Benzo(a)pyrene	0.522	0.050	mg/l	0.500	ND	104	55-130			
Benzo(b)fluoranthene	0.517	0.050	mg/l	0.500	ND	103	55-125			
Benzo(g,h,i)perylene	0.587	0.050	mg/l	0.500	ND	117	45-135			
Benzo(k)fluoranthene	0.549	0.050	mg/l	0.500	ND	110	55-125			
Benzoic acid	0.493	0.50	mg/l	0.500	0.0592	87	25-125			
Benzyl alcohol	0.554	0.10	mg/l	0.500	ND	111	40-120			
4-Bromophenyl phenyl ether	0.632	0.050	mg/l	0.500	ND	126	60-120			*M1*
Butyl benzyl phthalate	0.604	0.10	mg/l	0.500	ND	121	55-130			
4-Chloro-3-methylphenol	0.553	0.10	mg/l	0.500	ND	111	60-120			
4-Chloroaniline	0.510	0.050	mg/l	0.500	ND	102	55-120			
Bis(2-chloroethoxy)methane	0.539	0.050	mg/l	0.500	ND	108	50-120			
Bis(2-chloroethyl)ether	0.532	0.050	mg/l	0.500	ND	106	50-120			
Bis(2-chloroisopropyl)ether	0.445	0.050	mg/l	0.500	ND	89	45-120			
2-Chloronaphthalene	0.527	0.050	mg/l	0.500	ND	105	60-120			
2-Chlorophenol	0.468	0.050	mg/l	0.500	ND	94	45-120			
4-Chlorophenyl phenyl ether	0.553	0.050	mg/l	0.500	ND	111	65-120			
Chrysene	0.541	0.050	mg/l	0.500	ND	108	65-120			
Dibenz(a,h)anthracene	0.523	0.10	mg/l	0.500	ND	105	45-135			
Dibenzofuran	0.531	0.050	mg/l	0.500	ND	106	65-120			
Di-n-butyl phthalate	0.659	0.10	mg/l	0.500	ND	132	60-125			*M1*
1,2-Dichlorobenzene	0.478	0.050	mg/l	0.500	ND	96	40-120			
1,3-Dichlorobenzene	0.444	0.050	mg/l	0.500	ND	89	35-120			

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Matrix Spike Analyzed: 11/24/2008 (8K22063-MS1)					**Source: IRK1526-01**					
1,4-Dichlorobenzene	0.437	0.050	mg/l	0.500	ND	87	35-120			
3,3'-Dichlorobenzidine	0.334	0.20	mg/l	0.500	ND	67	45-135			
2,4-Dichlorophenol	0.560	0.050	mg/l	0.500	ND	112	55-120			
Diethyl phthalate	0.548	0.050	mg/l	0.500	ND	110	55-120			
2,4-Dimethylphenol	0.461	0.10	mg/l	0.500	ND	92	40-120			
Dimethyl phthalate	0.546	0.050	mg/l	0.500	ND	109	30-120			
4,6-Dinitro-2-methylphenol	0.510	0.20	mg/l	0.500	ND	102	45-120			
2,4-Dinitrophenol	0.376	0.50	mg/l	0.500	ND	75	40-120			
2,4-Dinitrotoluene	0.558	0.050	mg/l	0.500	ND	112	65-120			
2,6-Dinitrotoluene	0.546	0.050	mg/l	0.500	ND	109	65-120			
Di-n-octyl phthalate	0.566	0.20	mg/l	0.500	ND	113	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.475	0.10	mg/l	0.500	ND	95	60-120			
Bis(2-ethylhexyl)phthalate	0.538	0.25	mg/l	0.500	ND	108	65-130			
Fluoranthene	0.657	0.050	mg/l	0.500	ND	131	60-120			*M1*
Fluorene	0.560	0.050	mg/l	0.500	ND	112	65-120			
Hexachlorobenzene	0.623	0.050	mg/l	0.500	ND	125	60-120			*M1*
Hexachlorobutadiene	0.518	0.050	mg/l	0.500	ND	104	40-120			
Hexachlorocyclopentadiene	0.388	0.20	mg/l	0.500	ND	78	25-120			
Hexachloroethane	0.424	0.050	mg/l	0.500	ND	85	35-120			
Indeno(1,2,3-cd)pyrene	0.556	0.10	mg/l	0.500	ND	111	40-135			
Isophorone	0.534	0.050	mg/l	0.500	ND	107	50-120			
2-Methylnaphthalene	0.531	0.050	mg/l	0.500	ND	106	55-120			
2-Methylphenol	0.505	0.050	mg/l	0.500	ND	101	50-120			
4-Methylphenol	0.521	0.050	mg/l	0.500	ND	104	50-120			
Naphthalene	0.499	0.050	mg/l	0.500	ND	100	55-120			
2-Nitroaniline	0.513	0.10	mg/l	0.500	ND	103	65-120			
3-Nitroaniline	0.546	0.10	mg/l	0.500	ND	109	60-120			
4-Nitroaniline	0.512	0.50	mg/l	0.500	ND	102	55-125			
Nitrobenzene	0.486	0.20	mg/l	0.500	ND	97	55-120			
2-Nitrophenol	0.529	0.050	mg/l	0.500	ND	106	50-120			
4-Nitrophenol	0.398	0.50	mg/l	0.500	ND	80	45-120			
N-Nitroso-di-n-propylamine	0.561	0.10	mg/l	0.500	ND	112	45-120			
N-Nitrosodiphenylamine	0.601	0.050	mg/l	0.500	ND	120	60-120			
Pentachlorophenol	0.604	0.20	mg/l	0.500	ND	121	50-120			*M1*
Phenanthrene	0.594	0.050	mg/l	0.500	ND	119	65-120			
Phenol	0.436	0.050	mg/l	0.500	ND	87	40-120			

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Matrix Spike Analyzed: 11/24/2008 (8K22063-MS1)					**Source: IRK1526-01**					
Pyrene	0.518	0.050	mg/l	0.500	ND	104	55-125			
1,2,4-Trichlorobenzene	0.487	0.050	mg/l	0.500	ND	97	45-120			
2,4,5-Trichlorophenol	0.575	0.10	mg/l	0.500	ND	115	55-120			
2,4,6-Trichlorophenol	0.551	0.10	mg/l	0.500	ND	110	55-120			
Surrogate: 2,4,6-Tribromophenol	*1.15*		*mg/l*	*1.00*		*115*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.480*		*mg/l*	*0.500*		*96*	*45-120*			
Surrogate: 2-Fluorophenol	*0.712*		*mg/l*	*1.00*		*71*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.440*		*mg/l*	*0.500*		*88*	*40-120*			
Surrogate: Phenol-d6	*0.831*		*mg/l*	*1.00*		*83*	*45-120*			
Surrogate: Terphenyl-d14	*0.450*		*mg/l*	*0.500*		*90*	*45-135*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17052 Extracted: 11/17/08										
Blank Analyzed: 11/18/2008 (8K17052-BLK1)										
Aroclor 1016	ND	1.0	ug/l							
Aroclor 1221	ND	1.0	ug/l							
Aroclor 1232	ND	1.0	ug/l							
Aroclor 1242	ND	1.0	ug/l							
Aroclor 1248	ND	1.0	ug/l							
Aroclor 1254	ND	1.0	ug/l							
Aroclor 1260	ND	1.0	ug/l							
Surrogate: Decachlorobiphenyl	*0.456*		*ug/l*	*0.500*		*91*	*45-120*			
LCS Analyzed: 11/18/2008 (8K17052-BS2)										
Aroclor 1016	3.25	1.0	ug/l	4.00		81	50-115			
Aroclor 1260	3.31	1.0	ug/l	4.00		83	60-120			
Surrogate: Decachlorobiphenyl	*0.419*		*ug/l*	*0.500*		*84*	*45-120*			
Matrix Spike Analyzed: 11/18/2008 (8K17052-MS2)					**Source: IRK1498-01**					
Aroclor 1016	2.21	0.94	ug/l	3.77	ND	58	45-120			
Aroclor 1260	2.14	0.94	ug/l	3.77	ND	57	55-125			
Surrogate: Decachlorobiphenyl	*0.272*		*ug/l*	*0.472*		*58*	*45-120*			
Matrix Spike Analyzed: 11/18/2008 (8K17052-MS4)					**Source: IRK1543-02**					
Aroclor 1016	1.39	0.94	ug/l	3.77	ND	37	45-120			*M2*
Aroclor 1260	1.65	0.94	ug/l	3.77	ND	44	55-125			*M2*
Surrogate: Decachlorobiphenyl	*0.290*		*ug/l*	*0.472*		*61*	*45-120*			
Matrix Spike Dup Analyzed: 11/18/2008 (8K17052-MSD2)					**Source: IRK1498-01**					
Aroclor 1016	2.76	0.94	ug/l	3.77	ND	73	45-120	23	30	
Aroclor 1260	2.77	0.94	ug/l	3.77	ND	73	55-125	26	25	*R*
Surrogate: Decachlorobiphenyl	*0.376*		*ug/l*	*0.472*		*80*	*45-120*			

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17052 Extracted: 11/17/08										
Matrix Spike Dup Analyzed: 11/18/2008 (8K17052-MSD4)					**Source: IRK1543-02**					
Aroclor 1016	1.31	0.94	ug/l	3.77	ND	35	45-120	6	30	*M2*
Aroclor 1260	1.40	0.94	ug/l	3.77	ND	37	55-125	17	25	*M2*
Surrogate: Decachlorobiphenyl	*0.260*		*ug/l*	*0.472*		*55*	*45-120*			

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9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/12/08-11/13/08
San Diego, CA 92108	Report Number:	IRK1526	Received: 11/14/08
Attention: George Cebula			

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K20033 Extracted: 11/20/08										
Blank Analyzed: 11/20/2008 (8K20033-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*27.2*		*ug/kg*	*33.3*		*82*	*45-120*			
LCS Analyzed: 11/21/2008 (8K20033-BS1)										**MNR**
Aroclor 1016	243	50	ug/kg	267		91	65-115			
Aroclor 1260	261	50	ug/kg	267		98	65-115			
Surrogate: Decachlorobiphenyl	*23.8*		*ug/kg*	*33.3*		*71*	*45-120*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
Blank Analyzed: 11/22/2008 (8K22016-BLK1)										
Benzene	ND	0.020	mg/l							
Bromobenzene	ND	0.050	mg/l							
Bromochloromethane	ND	0.050	mg/l							
Bromodichloromethane	ND	0.020	mg/l							
Bromoform	ND	0.050	mg/l							
Bromomethane	ND	0.050	mg/l							
2-Butanone (MEK)	ND	0.10	mg/l							
n-Butylbenzene	ND	0.050	mg/l							
tert-Butylbenzene	ND	0.050	mg/l							
sec-Butylbenzene	ND	0.050	mg/l							
Carbon tetrachloride	ND	0.050	mg/l							
Chlorobenzene	ND	0.020	mg/l							
Chloroethane	ND	0.050	mg/l							
Chloroform	ND	0.020	mg/l							
Chloromethane	ND	0.050	mg/l							
4-Chlorotoluene	ND	0.050	mg/l							
2-Chlorotoluene	ND	0.050	mg/l							
1,2-Dibromo-3-chloropropane	ND	0.050	mg/l							
Dibromochloromethane	ND	0.020	mg/l							
1,2-Dibromoethane (EDB)	ND	0.020	mg/l							
Dibromomethane	ND	0.020	mg/l							
1,2-Dichlorobenzene	ND	0.020	mg/l							
1,3-Dichlorobenzene	ND	0.020	mg/l							
1,4-Dichlorobenzene	ND	0.020	mg/l							
Dichlorodifluoromethane	ND	0.050	mg/l							
1,1-Dichloroethane	ND	0.020	mg/l							
1,2-Dichloroethane	ND	0.020	mg/l							
1,1-Dichloroethene	ND	0.050	mg/l							
cis-1,2-Dichloroethene	ND	0.020	mg/l							
trans-1,2-Dichloroethene	ND	0.020	mg/l							
1,3-Dichloropropane	ND	0.020	mg/l							
2,2-Dichloropropane	ND	0.020	mg/l							
1,2-Dichloropropane	ND	0.020	mg/l							
cis-1,3-Dichloropropene	ND	0.020	mg/l							
trans-1,3-Dichloropropene	ND	0.020	mg/l							
1,1-Dichloropropene	ND	0.020	mg/l							

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
Blank Analyzed: 11/22/2008 (8K22016-BLK1)										
Ethylbenzene	ND	0.020	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Isopropylbenzene	ND	0.020	mg/l							
p-Isopropyltoluene	ND	0.020	mg/l							
Methylene chloride	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
n-Propylbenzene	ND	0.020	mg/l							
Styrene	ND	0.020	mg/l							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/l							
1,1,2,2-Tetrachloroethane	ND	0.020	mg/l							
Tetrachloroethene	ND	0.020	mg/l							
Toluene	ND	0.020	mg/l							
1,2,3-Trichlorobenzene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
1,1,1-Trichloroethane	ND	0.020	mg/l							
1,1,2-Trichloroethane	ND	0.020	mg/l							
Trichloroethene	ND	0.020	mg/l							
Trichlorofluoromethane	ND	0.050	mg/l							
1,2,3-Trichloropropane	ND	0.10	mg/l							
1,2,4-Trimethylbenzene	ND	0.020	mg/l							
1,3,5-Trimethylbenzene	ND	0.020	mg/l							
Vinyl chloride	ND	0.050	mg/l							
m,p-Xylenes	ND	0.020	mg/l							
o-Xylene	ND	0.020	mg/l							
Surrogate: 4-Bromofluorobenzene	*0.222*		*mg/l*	*0.250*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*0.235*		*mg/l*	*0.250*		*94*	*80-120*			
Surrogate: Toluene-d8	*0.253*		*mg/l*	*0.250*		*101*	*80-120*			

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Project ID: Oakland
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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
LCS Analyzed: 11/22/2008 (8K22016-BS1)										
Benzene	0.265	0.020	mg/l	0.250		106	70-120			
Bromobenzene	0.263	0.050	mg/l	0.250		105	75-120			
Bromochloromethane	0.247	0.050	mg/l	0.250		99	70-130			
Bromodichloromethane	0.269	0.020	mg/l	0.250		107	70-135			
Bromoform	0.238	0.050	mg/l	0.250		95	55-130			
Bromomethane	0.242	0.050	mg/l	0.250		97	65-140			
2-Butanone (MEK)	0.245	0.10	mg/l	0.250		98	40-140			
n-Butylbenzene	0.291	0.050	mg/l	0.250		117	70-130			
tert-Butylbenzene	0.283	0.050	mg/l	0.250		113	70-125			
sec-Butylbenzene	0.295	0.050	mg/l	0.250		118	70-125			
Carbon tetrachloride	0.274	0.050	mg/l	0.250		110	65-140			
Chlorobenzene	0.265	0.020	mg/l	0.250		106	75-120			
Chloroethane	0.243	0.050	mg/l	0.250		97	60-140			
Chloroform	0.243	0.020	mg/l	0.250		97	70-130			
Chloromethane	0.225	0.050	mg/l	0.250		90	50-140			
4-Chlorotoluene	0.288	0.050	mg/l	0.250		115	75-125			
2-Chlorotoluene	0.276	0.050	mg/l	0.250		110	70-125			
1,2-Dibromo-3-chloropropane	0.252	0.050	mg/l	0.250		101	50-135			
Dibromochloromethane	0.250	0.020	mg/l	0.250		100	70-140			
1,2-Dibromoethane (EDB)	0.270	0.020	mg/l	0.250		108	75-125			
Dibromomethane	0.253	0.020	mg/l	0.250		101	70-125			
1,2-Dichlorobenzene	0.279	0.020	mg/l	0.250		112	75-120			
1,3-Dichlorobenzene	0.272	0.020	mg/l	0.250		109	75-120			
1,4-Dichlorobenzene	0.260	0.020	mg/l	0.250		104	75-120			
Dichlorodifluoromethane	0.264	0.050	mg/l	0.250		106	35-155			
1,1-Dichloroethane	0.256	0.020	mg/l	0.250		102	70-125			
1,2-Dichloroethane	0.252	0.020	mg/l	0.250		101	60-140			
1,1-Dichloroethene	0.258	0.050	mg/l	0.250		103	70-125			
cis-1,2-Dichloroethene	0.267	0.020	mg/l	0.250		107	70-125			
trans-1,2-Dichloroethene	0.259	0.020	mg/l	0.250		104	70-125			
1,3-Dichloropropane	0.266	0.020	mg/l	0.250		106	70-120			
2,2-Dichloropropane	0.279	0.020	mg/l	0.250		111	65-140			
1,2-Dichloropropane	0.260	0.020	mg/l	0.250		104	70-125			
cis-1,3-Dichloropropene	0.333	0.020	mg/l	0.250		133	75-125			*L*
trans-1,3-Dichloropropene	0.243	0.020	mg/l	0.250		97	70-125			
1,1-Dichloropropene	0.282	0.020	mg/l	0.250		113	75-130			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
LCS Analyzed: 11/22/2008 (8K22016-BS1)										
Ethylbenzene	0.283	0.020	mg/l	0.250		113	75-125			
Hexachlorobutadiene	0.281	0.050	mg/l	0.250		112	65-135			
Isopropylbenzene	0.282	0.020	mg/l	0.250		113	75-130			
p-Isopropyltoluene	0.286	0.020	mg/l	0.250		114	75-125			
Methylene chloride	0.251	0.050	mg/l	0.250		101	55-130			
Naphthalene	0.294	0.050	mg/l	0.250		117	55-135			
n-Propylbenzene	0.290	0.020	mg/l	0.250		116	75-130			
Styrene	0.260	0.020	mg/l	0.250		104	75-130			
1,1,1,2-Tetrachloroethane	0.257	0.050	mg/l	0.250		103	70-130			
1,1,2,2-Tetrachloroethane	0.273	0.020	mg/l	0.250		109	55-130			
Tetrachloroethene	0.265	0.020	mg/l	0.250		106	70-125			
Toluene	0.286	0.020	mg/l	0.250		115	70-120			
1,2,3-Trichlorobenzene	0.278	0.050	mg/l	0.250		111	65-125			
1,2,4-Trichlorobenzene	0.282	0.050	mg/l	0.250		113	70-135			
1,1,1-Trichloroethane	0.274	0.020	mg/l	0.250		110	65-135			
1,1,2-Trichloroethane	0.264	0.020	mg/l	0.250		105	70-125			
Trichloroethene	0.259	0.020	mg/l	0.250		104	70-125			
Trichlorofluoromethane	0.235	0.050	mg/l	0.250		94	65-145			
1,2,3-Trichloropropane	0.271	0.10	mg/l	0.250		108	60-130			
1,2,4-Trimethylbenzene	0.291	0.020	mg/l	0.250		117	75-125			
1,3,5-Trimethylbenzene	0.287	0.020	mg/l	0.250		115	75-125			
Vinyl chloride	0.248	0.050	mg/l	0.250		99	55-135			
m,p-Xylenes	0.584	0.020	mg/l	0.500		117	75-125			
Surrogate: 4-Bromofluorobenzene	*0.246*		*mg/l*	*0.250*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*0.236*		*mg/l*	*0.250*		*94*	*80-120*			
Surrogate: Toluene-d8	*0.247*		*mg/l*	*0.250*		*99*	*80-120*			
Matrix Spike Analyzed: 11/22/2008 (8K22016-MS1)					**Source: IRK1476-03**					
Benzene	0.283	0.020	mg/l	0.250	0.0166	106	65-125			
Bromobenzene	0.272	0.050	mg/l	0.250	ND	109	70-125			
Bromochloromethane	0.255	0.050	mg/l	0.250	ND	102	65-135			
Bromodichloromethane	0.276	0.020	mg/l	0.250	ND	111	70-135			
Bromoform	0.248	0.050	mg/l	0.250	ND	99	55-135			
Bromomethane	0.240	0.050	mg/l	0.250	ND	96	55-145			
2-Butanone (MEK)	0.253	0.10	mg/l	0.250	ND	101	30-145			
n-Butylbenzene	0.307	0.050	mg/l	0.250	ND	123	65-135			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/22/2008 (8K22016-MS1)					**Source: IRK1476-03**					
tert-Butylbenzene	0.288	0.050	mg/l	0.250	ND	115	65-130			
sec-Butylbenzene	0.306	0.050	mg/l	0.250	0.00380	121	70-125			
Carbon tetrachloride	0.282	0.050	mg/l	0.250	ND	113	65-140			
Chlorobenzene	0.266	0.020	mg/l	0.250	ND	106	75-125			
Chloroethane	0.244	0.050	mg/l	0.250	ND	98	55-140			
Chloroform	0.247	0.020	mg/l	0.250	ND	99	65-135			
Chloromethane	0.235	0.050	mg/l	0.250	ND	94	45-145			
4-Chlorotoluene	0.299	0.050	mg/l	0.250	ND	120	70-135			
2-Chlorotoluene	0.296	0.050	mg/l	0.250	ND	118	65-135			
1,2-Dibromo-3-chloropropane	0.264	0.050	mg/l	0.250	ND	106	45-145			
Dibromochloromethane	0.255	0.020	mg/l	0.250	ND	102	65-140			
1,2-Dibromoethane (EDB)	0.268	0.020	mg/l	0.250	ND	107	70-130			
Dibromomethane	0.260	0.020	mg/l	0.250	ND	104	65-135			
1,2-Dichlorobenzene	0.292	0.020	mg/l	0.250	ND	117	75-125			
1,3-Dichlorobenzene	0.280	0.020	mg/l	0.250	ND	112	75-125			
1,4-Dichlorobenzene	0.268	0.020	mg/l	0.250	ND	107	75-125			
Dichlorodifluoromethane	0.279	0.050	mg/l	0.250	ND	112	25-155			
1,1-Dichloroethane	0.264	0.020	mg/l	0.250	ND	105	65-130			
1,2-Dichloroethane	0.258	0.020	mg/l	0.250	ND	103	60-140			
1,1-Dichloroethene	0.263	0.050	mg/l	0.250	ND	105	60-130			
cis-1,2-Dichloroethene	1.59	0.020	mg/l	0.250	1.32	108	65-130			
trans-1,2-Dichloroethene	0.265	0.020	mg/l	0.250	ND	106	65-130			
1,3-Dichloropropane	0.267	0.020	mg/l	0.250	ND	107	65-135			
2,2-Dichloropropane	0.290	0.020	mg/l	0.250	ND	116	60-145			
1,2-Dichloropropane	0.263	0.020	mg/l	0.250	ND	105	65-130			
cis-1,3-Dichloropropene	0.343	0.020	mg/l	0.250	ND	137	70-130			*M7*
trans-1,3-Dichloropropene	0.250	0.020	mg/l	0.250	ND	100	65-135			
1,1-Dichloropropene	0.287	0.020	mg/l	0.250	ND	115	70-135			
Ethylbenzene	0.396	0.020	mg/l	0.250	0.113	113	65-130			
Hexachlorobutadiene	0.296	0.050	mg/l	0.250	ND	118	60-135			
Isopropylbenzene	0.295	0.020	mg/l	0.250	0.00960	114	70-135			
p-Isopropyltoluene	0.300	0.020	mg/l	0.250	0.00960	116	65-130			
Methylene chloride	0.250	0.050	mg/l	0.250	0.00970	96	50-135			
Naphthalene	0.442	0.050	mg/l	0.250	0.136	123	50-140			
n-Propylbenzene	0.317	0.020	mg/l	0.250	0.0216	118	70-135			
Styrene	0.260	0.020	mg/l	0.250	ND	104	50-145			

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Sampled: 11/12/08-11/13/08
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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/22/2008 (8K22016-MS1)					**Source: IRK1476-03**					
1,1,1,2-Tetrachloroethane	0.262	0.050	mg/l	0.250	ND	105	65-140			
1,1,2,2-Tetrachloroethane	0.266	0.020	mg/l	0.250	ND	107	55-135			
Tetrachloroethene	0.663	0.020	mg/l	0.250	0.390	109	65-130			
Toluene	0.562	0.020	mg/l	0.250	0.282	112	70-125			
1,2,3-Trichlorobenzene	0.289	0.050	mg/l	0.250	ND	115	60-135			
1,2,4-Trichlorobenzene	0.300	0.050	mg/l	0.250	ND	120	65-135			
1,1,1-Trichloroethane	0.282	0.020	mg/l	0.250	ND	113	65-140			
1,1,2-Trichloroethane	0.268	0.020	mg/l	0.250	ND	107	65-130			
Trichloroethene	0.334	0.020	mg/l	0.250	0.0678	106	65-125			
Trichlorofluoromethane	0.250	0.050	mg/l	0.250	ND	100	60-145			
1,2,3-Trichloropropane	0.270	0.10	mg/l	0.250	ND	108	55-135			
1,2,4-Trimethylbenzene	0.478	0.020	mg/l	0.250	0.187	116	55-135			
1,3,5-Trimethylbenzene	0.335	0.020	mg/l	0.250	0.0438	116	70-130			
Vinyl chloride	0.260	0.050	mg/l	0.250	0.00630	101	45-140			
m,p-Xylenes	0.994	0.020	mg/l	0.500	0.407	117	65-130			
o-Xylene	0.497	0.020	mg/l	0.250	0.193	122	65-125			
Surrogate: 4-Bromofluorobenzene	*0.244*		*mg/l*	*0.250*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*0.235*		*mg/l*	*0.250*		*94*	*80-120*			
Surrogate: Toluene-d8	*0.248*		*mg/l*	*0.250*		*99*	*80-120*			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K20127 Extracted: 11/20/08										
Blank Analyzed: 11/20/2008 (8K20127-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 11/20/2008 (8K20127-BS1)										
Mercury	0.843	0.020	mg/kg	0.800		105	80-120			
Matrix Spike Analyzed: 11/20/2008 (8K20127-MS1)					**Source: IRK1506-01**					
Mercury	0.800	0.020	mg/kg	0.800	0.0488	94	70-130			
Matrix Spike Dup Analyzed: 11/20/2008 (8K20127-MSD1)					**Source: IRK1506-01**					
Mercury	0.804	0.020	mg/kg	0.800	0.0488	94	70-130	1	20	
Batch: 8K21081 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21081-BLK1)										
Mercury	ND	0.00020	mg/l							
LCS Analyzed: 11/21/2008 (8K21081-BS1)										
Mercury	0.00801	0.00020	mg/l	0.00800		100	80-120			
Matrix Spike Analyzed: 11/21/2008 (8K21081-MS1)					**Source: IRK1948-01**					
Mercury	0.00765	0.00020	mg/l	0.00800	0.000114	94	70-130			
Matrix Spike Dup Analyzed: 11/21/2008 (8K21081-MSD1)					**Source: IRK1948-01**					
Mercury	0.00787	0.00020	mg/l	0.00800	0.000114	97	70-130	3	20	
Batch: 8K21096 Extracted: 11/21/08										
Blank Analyzed: 11/22/2008 (8K21096-BLK1)										
Antimony	ND	0.010	mg/l							
Arsenic	ND	0.010	mg/l							
Barium	ND	0.010	mg/l							
Beryllium	ND	0.0040	mg/l							
Cadmium	ND	0.0050	mg/l							
Chromium	ND	0.0050	mg/l							
Cobalt	ND	0.010	mg/l							
Copper	ND	0.010	mg/l							
Lead	ND	0.0050	mg/l							
Molybdenum	ND	0.020	mg/l							
Nickel	ND	0.010	mg/l							
Selenium	ND	0.010	mg/l							

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21096 Extracted: 11/21/08										
Blank Analyzed: 11/22/2008 (8K21096-BLK1)										
Silver	ND	0.010	mg/l							
Thallium	ND	0.010	mg/l							
Vanadium	ND	0.010	mg/l							
Zinc	ND	0.020	mg/l							
LCS Analyzed: 11/22/2008 (8K21096-BS1)										
Antimony	0.981	0.010	mg/l	1.00		98	80-120			
Arsenic	0.978	0.010	mg/l	1.00		98	80-120			
Barium	0.985	0.010	mg/l	1.00		99	80-120			
Beryllium	0.990	0.0040	mg/l	1.00		99	80-120			
Cadmium	0.958	0.0050	mg/l	1.00		96	80-120			
Chromium	0.984	0.0050	mg/l	1.00		98	80-120			
Cobalt	0.966	0.010	mg/l	1.00		97	80-120			
Copper	0.980	0.010	mg/l	1.00		98	80-120			
Lead	0.989	0.0050	mg/l	1.00		99	80-120			
Molybdenum	0.953	0.020	mg/l	1.00		95	80-120			
Nickel	0.961	0.010	mg/l	1.00		96	80-120			
Selenium	0.951	0.010	mg/l	1.00		95	80-120			
Silver	0.494	0.010	mg/l	0.500		99	80-120			
Thallium	0.974	0.010	mg/l	1.00		97	80-120			
Vanadium	0.997	0.010	mg/l	1.00		100	80-120			
Zinc	0.955	0.020	mg/l	1.00		96	80-120			
Matrix Spike Analyzed: 11/22/2008 (8K21096-MS1)					**Source: IRK1466-01**					
Antimony	0.965	0.010	mg/l	1.00	ND	97	75-125			
Arsenic	0.976	0.010	mg/l	1.00	ND	98	75-125			
Barium	1.02	0.010	mg/l	1.00	0.0495	97	75-125			
Beryllium	0.986	0.0040	mg/l	1.00	ND	99	75-125			
Cadmium	0.935	0.0050	mg/l	1.00	ND	94	75-125			
Chromium	0.970	0.0050	mg/l	1.00	ND	97	75-125			
Cobalt	0.934	0.010	mg/l	1.00	ND	93	75-125			
Copper	0.981	0.010	mg/l	1.00	ND	98	75-125			
Lead	0.976	0.0050	mg/l	1.00	0.00327	97	75-125			
Molybdenum	0.942	0.020	mg/l	1.00	0.00223	94	75-125			
Nickel	0.927	0.010	mg/l	1.00	ND	93	75-125			
Selenium	0.907	0.010	mg/l	1.00	ND	91	75-125			
Silver	0.487	0.010	mg/l	0.500	ND	97	75-125			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21096 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/22/2008 (8K21096-MS1)					**Source: IRK1466-01**					
Thallium	0.929	0.010	mg/l	1.00	ND	93	75-125			
Vanadium	0.977	0.010	mg/l	1.00	ND	98	75-125			
Zinc	0.950	0.020	mg/l	1.00	0.0160	93	75-125			
Matrix Spike Dup Analyzed: 11/22/2008 (8K21096-MSD1)					**Source: IRK1466-01**					
Antimony	0.981	0.010	mg/l	1.00	ND	98	75-125	2	20	
Arsenic	0.993	0.010	mg/l	1.00	ND	99	75-125	2	20	
Barium	1.06	0.010	mg/l	1.00	0.0495	101	75-125	3	20	
Beryllium	1.01	0.0040	mg/l	1.00	ND	101	75-125	2	20	
Cadmium	0.955	0.0050	mg/l	1.00	ND	95	75-125	2	20	
Chromium	0.988	0.0050	mg/l	1.00	ND	99	75-125	2	20	
Cobalt	0.948	0.010	mg/l	1.00	ND	95	75-125	2	20	
Copper	1.00	0.010	mg/l	1.00	ND	100	75-125	2	20	
Lead	0.988	0.0050	mg/l	1.00	0.00327	98	75-125	1	20	
Molybdenum	0.958	0.020	mg/l	1.00	0.00223	96	75-125	2	20	
Nickel	0.942	0.010	mg/l	1.00	ND	94	75-125	2	20	
Selenium	0.932	0.010	mg/l	1.00	ND	93	75-125	3	20	
Silver	0.500	0.010	mg/l	0.500	ND	100	75-125	2	20	
Thallium	0.944	0.010	mg/l	1.00	ND	94	75-125	2	20	
Vanadium	0.998	0.010	mg/l	1.00	ND	100	75-125	2	20	
Zinc	0.974	0.020	mg/l	1.00	0.0160	96	75-125	3	20	
Batch: 8K24135 Extracted: 11/24/08										
Blank Analyzed: 11/25/2008 (8K24135-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24135 Extracted: 11/24/08										
Blank Analyzed: 11/25/2008 (8K24135-BLK1)										
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
LCS Analyzed: 11/25/2008 (8K24135-BS1)										
Antimony	45.4	10	mg/kg	50.0		91	80-120			
Arsenic	44.4	2.0	mg/kg	50.0		89	80-120			
Barium	46.8	1.0	mg/kg	50.0		94	80-120			
Beryllium	45.7	0.50	mg/kg	50.0		91	80-120			
Cadmium	44.6	0.50	mg/kg	50.0		89	80-120			
Chromium	45.5	1.0	mg/kg	50.0		91	80-120			
Cobalt	45.0	1.0	mg/kg	50.0		90	80-120			
Copper	46.2	2.0	mg/kg	50.0		92	80-120			
Lead	45.3	2.0	mg/kg	50.0		91	80-120			
Molybdenum	44.0	2.0	mg/kg	50.0		88	80-120			
Nickel	44.8	2.0	mg/kg	50.0		90	80-120			
Selenium	43.4	2.0	mg/kg	50.0		87	80-120			
Silver	22.5	1.0	mg/kg	25.0		90	80-120			
Thallium	43.9	10	mg/kg	50.0		88	80-120			
Vanadium	45.4	1.0	mg/kg	50.0		91	80-120			
Zinc	43.9	5.0	mg/kg	50.0		88	80-120			
Matrix Spike Analyzed: 11/25/2008 (8K24135-MS1)					**Source: IRK1526-01**					
Antimony	36.4	10	mg/kg	50.0	ND	73	75-125			*M2*
Arsenic	42.1	2.0	mg/kg	50.0	4.17	76	75-125			
Barium	145	1.0	mg/kg	50.0	110	69	75-125			*M2*
Beryllium	40.7	0.50	mg/kg	50.0	0.229	81	75-125			
Cadmium	37.2	0.50	mg/kg	50.0	0.308	74	75-125			*M2*
Chromium	84.2	1.0	mg/kg	50.0	46.5	75	75-125			
Cobalt	43.5	1.0	mg/kg	50.0	6.51	74	75-125			*M2*
Copper	61.9	2.0	mg/kg	50.0	20.8	82	75-125			
Lead	41.3	2.0	mg/kg	50.0	4.11	74	75-125			*M2*
Molybdenum	38.2	2.0	mg/kg	50.0	0.692	75	75-125			
Nickel	73.5	2.0	mg/kg	50.0	38.6	70	75-125			*M2*
Selenium	35.4	2.0	mg/kg	50.0	ND	71	75-125			*M2*
Silver	21.7	1.0	mg/kg	25.0	ND	87	75-125			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24135 Extracted: 11/24/08										
Matrix Spike Analyzed: 11/25/2008 (8K24135-MS1)					**Source: IRK1526-01**					
Thallium	34.7	10	mg/kg	50.0	ND	69	75-125			*M2*
Vanadium	74.4	1.0	mg/kg	50.0	33.1	83	75-125			
Zinc	66.7	5.0	mg/kg	50.0	30.2	73	75-125			*M2*
Matrix Spike Dup Analyzed: 11/25/2008 (8K24135-MSD1)					**Source: IRK1526-01**					
Antimony	38.3	10	mg/kg	50.0	ND	77	75-125	5	20	
Arsenic	44.4	2.0	mg/kg	50.0	4.17	80	75-125	5	20	
Barium	140	1.0	mg/kg	50.0	110	60	75-125	3	20	*M2*
Beryllium	42.8	0.50	mg/kg	50.0	0.229	85	75-125	5	20	
Cadmium	39.0	0.50	mg/kg	50.0	0.308	77	75-125	5	20	
Chromium	88.1	1.0	mg/kg	50.0	46.5	83	75-125	5	20	
Cobalt	45.9	1.0	mg/kg	50.0	6.51	79	75-125	5	20	
Copper	66.2	2.0	mg/kg	50.0	20.8	91	75-125	7	20	
Lead	43.7	2.0	mg/kg	50.0	4.11	79	75-125	5	20	
Molybdenum	40.5	2.0	mg/kg	50.0	0.692	80	75-125	6	20	
Nickel	79.1	2.0	mg/kg	50.0	38.6	81	75-125	7	20	
Selenium	36.8	2.0	mg/kg	50.0	ND	74	75-125	4	20	*M2*
Silver	22.7	1.0	mg/kg	25.0	ND	91	75-125	5	20	
Thallium	35.9	10	mg/kg	50.0	ND	72	75-125	3	20	*M2*
Vanadium	73.5	1.0	mg/kg	50.0	33.1	81	75-125	1	20	
Zinc	69.5	5.0	mg/kg	50.0	30.2	79	75-125	4	20	

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TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22035 Extracted: 11/22/08										
Blank Analyzed: 11/25/2008 (8K22035-BLK1)										
Arsenic	ND	0.20	mg/l							
Barium	ND	0.20	mg/l							
Cadmium	ND	0.10	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.10	mg/l							
Silver	ND	0.20	mg/l							
LCS Analyzed: 11/25/2008 (8K22035-BS1)										
Arsenic	1.93	0.20	mg/l	2.00		96	80-120			
Barium	1.98	0.20	mg/l	2.00		99	80-120			
Cadmium	1.84	0.10	mg/l	2.00		92	80-120			
Chromium	1.94	0.10	mg/l	2.00		97	80-120			
Lead	1.88	0.10	mg/l	2.00		94	80-120			
Selenium	1.80	0.10	mg/l	2.00		90	80-120			
Silver	0.991	0.20	mg/l	1.00		99	80-120			
Matrix Spike Analyzed: 11/25/2008 (8K22035-MS1)					**Source: IRK1255-01**					
Arsenic	1.90	0.20	mg/l	2.00	ND	95	75-125			
Barium	2.33	0.20	mg/l	2.00	0.390	97	75-125			
Cadmium	1.81	0.10	mg/l	2.00	ND	90	75-125			
Chromium	1.95	0.10	mg/l	2.00	ND	97	75-125			
Lead	2.01	0.10	mg/l	2.00	0.116	94	75-125			
Selenium	1.77	0.10	mg/l	2.00	ND	88	75-125			
Silver	0.986	0.20	mg/l	1.00	ND	99	75-125			
Batch: 8K24101 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008 (8K24101-BLK1)										
Mercury	ND	0.0020	mg/l							

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TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24101 Extracted: 11/24/08										
LCS Analyzed: 11/24/2008 (8K24101-BS1)										
Mercury	0.0787	0.0020	mg/l	0.0800		98	80-120			
Matrix Spike Analyzed: 11/24/2008 (8K24101-MS1)					**Source: IRK1526-01**					
Mercury	0.0791	0.0020	mg/l	0.0800	ND	99	70-130			
Matrix Spike Dup Analyzed: 11/24/2008 (8K24101-MSD1)					**Source: IRK1526-01**					
Mercury	0.0786	0.0020	mg/l	0.0800	ND	98	70-130	1	20	

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1526

Sampled: 11/12/08-11/13/08
Received: 11/14/08

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K27008 Extracted: 11/27/08										
Duplicate Analyzed: 11/27/2008 (8K27008-DUP1)					**Source: IRK1526-05**					
pH	8.56	0.100	pH Units		8.58			0	5	*H-1*

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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GCMS CALIBRATION CHECK CRITERIA

The % recovery for the following individual compounds fell outside the ± 15% criteria, however the average % recovery of all compounds in the calibration check solution was within ± 15%, thus meeting the overall calibration check criteria.

Compound	Footnote	Calibration Check % Recovery	Lab Number	Batch
Bis(2-chloroisopropyl)ether	2	76%	IRK1526-02	8K17094
Bis(2-chloroisopropyl)ether	2	76%	IRK1526-16	8K17094

Footnotes:

1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.

2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result for this compound.

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DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C-2	Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
H-1	Sample analysis performed past the method-specified holding time per client's approval.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-7	LFB/LFBD RPD exceeded the acceptance limit. Recovery met acceptance criteria.
RL1	Reporting limit raised due to sample matrix effects.
RL3	Reporting limit raised due to high concentrations of non-target analytes.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

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Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
6010B-TCLP	Solid	X	X
7470A-TCLP	Solid	X	X
8260B-TCLP	Solid	X	X
EPA 1311-Met	Solid	X	X
EPA 1311-SV	Solid	X	X
EPA 1311-ZHE	Solid	X	X
EPA 6010B	Solid	X	X
EPA 6010B	Water	X	X
EPA 7470A	Water	X	X
EPA 7471A	Solid	X	X
EPA 8082	Solid	X	X
EPA 8082	Water	X	X
EPA 8260B	Solid	X	X
EPA 8260B	Water	X	X
EPA 8270C	Solid	X	X
EPA 8270C	Water	X	X
EPA 9045C	Solid	X	X
SW846 7.1.2	Solid		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

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Project Manager

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030
2 coolers

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1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

TAL-0013(1007)

IRK1526

Client Name/Address: ARCADIS, 9095 Rio San Diego Drive Suite 240, San Diego, CA 92108

Project/PO Number: B0031045.0003

Project Manager: George Cebula

Phone Number: (619) 291-7800 x 24

Sampler: Dennis Wesselhoft

Fax Number: (619) 291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	TCLP metals RCRA 1311/6010/7470	TCLP VOC 1311/8260	TCLP SVOC 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC metals 6010 CAM 17 TTLC VOC 8260 TTLC SVOC 8270	Total VOC 8260			Special Instructions
B2-CF-CHWP-018	Bulk	9oz glass 4oz glass	3/1	11/12/08	1550	NONE	X	X	X	X	X	X	X				
EQUIPBLANK-HDB-003	H_2O	Amber Plastic 40mL VOA	2/3	11/12/08	1615	~~None~~ ~~Birch~~ HCl	X						X				
B2-CF-CP-019	Bulk	4oz glass	1	11/13/08	0923	None	X										
B2-CF-CP-019 DUP	Bulk	4oz glass	1	11/13/08	0926	None	X										
B2-BW-CHWP-020	Bulk	9oz glass 4oz glass	3/1	11/13/08	0946	None	X	X	X	X	X	X	X				
TRIP BLANK 11/13/08	H_2O	40mL VOA	2	11/13/08	0923	HCl								X			
B2-BW-CP-021	Bulk	4oz glass	1	11/13/08	0951	None	X										
B2-CF-CP-022	Bulk	4oz glass	1	11/13/08	1009	None	X										
B2-CF-CP-023	Bulk	4oz glass	1	11/13/08	1056	None	X										
B2-CF-CP-024	Bulk	4oz glass	1	11/13/08	1105	None	X										
B2-BW-CP-025	Bulk	4oz glass	1	11/13/08	1115	None	X										
B2-BW-CP-027	Bulk	4oz glass	1	11/13/08	1123	None	X										
B2-CF-CHWP-026	Bulk	9oz glass 4oz glass	3/1	11/13/08	1212	None	X	X	X	X	X	X	X				
B2-SMP-B-029	Bulk	4oz glass	1	11/13/08	1426	None	X										

LB 11-14-08 15:00

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)	
[signature]	11/13/08 1528	[signature]	11-13-08 15:28	same day ____	72 hours ____
Relinquished By: [signature]	Date/Time: 11-13-08 15:40	Received By:	Date/Time:	24 hours ____	5 days ____
				48 hours ____	normal X
Relinquished By:	Date/Time:	Received in Lab By: [signature]	Date/Time: 11/14/08 1030	Sample Integrity: (Check) intact ✓	on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

3.2°C

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TAL-0013(1007)

Client Name/Address: ARCADIS 9095 Rio San Diego Dr. Suite 240 San Diego, CA 92108

Project/PO Number: B0031045.0003

Project Manager: George Cebula

Phone Number: 619-291-7800 x24

Sampler: Dennis Wesselhoft

Fax Number: 619-291-5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	TCLP metals RCRA8 1311/6010/7470	TCLP VOC 1311/8260	TCLP SVOC 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC metals 6010/7470 TTLC VOC 8260 TTLC SVOC 8270	Total VOC 8260		Special Instructions
B2-CF-CP-028	Bulk	4oz glass	1	11/13/08	1432	None	X									
EQUIPBLANK-HDB-004	H_2O	amber glass 250ml plastic 40ml VOA	2/1/3	11/13/08	1505	~~None~~ ~~HNO_3~~ ~~HCl~~	X						X			

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/13/08 1528	[signature]	11-13-08 1528	same day ____ 72 hours ____
Relinquished By: [signature]	Date/Time: 11-13/08 1540	Received By:	Date/Time:	24 hours ____ 5 days ____
				48 hours ____ normal X
Relinquished By:	Date/Time:	Received in Lab By: [signature]	Date/Time: 11/14/08 1030	Sample Integrity: (Check) intact ✓ on ice ✓

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18 11-14-08 15:00

3.2°C

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LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.0003

Sampled: 11/13/08-11/14/08
Received: 11/15/08
Issued: 12/01/08 17:20

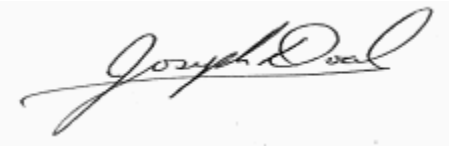
NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRK1643-01	B21-CF-CHWP-010	Solid
IRK1643-02	B21-SMP-CP-011	Solid
IRK1643-03	B21-CF-CHWP-012	Solid
IRK1643-04	Trip Blank 11/14/08	Water
IRK1643-05	B21-SMP-CP-013	Solid
IRK1643-06	B21-CF-CHWP-014	Solid
IRK1643-07	B21-CF-CP-015	Solid
IRK1643-08	B21-CF-CP-016	Solid
IRK1643-09	B21-CF-CP-016 DUP	Solid
IRK1643-10	B8-SMP-CP-011	Solid
IRK1643-11	EQUIPBLANK-HDB-005	Water

Reviewed By:



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Joseph Doak For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Bromobenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
Bromochloromethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
Bromodichloromethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Bromoform	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
Bromomethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
n-Butylbenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
tert-Butylbenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
sec-Butylbenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
Carbon tetrachloride	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Chlorobenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Chloroethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
Chloroform	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Chloromethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
4-Chlorotoluene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
2-Chlorotoluene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
Dibromochloromethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Dibromomethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,2-Dichlorobenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,3-Dichlorobenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,4-Dichlorobenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Dichlorodifluoromethane	EPA 8260B	8K21040	200	ND	100	11/22/2008	11/25/2008	
1,1-Dichloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,2-Dichloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,1-Dichloroethene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,3-Dichloropropane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
2,2-Dichloropropane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,2-Dichloropropane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,1-Dichloropropene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Ethylbenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Hexachlorobutadiene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
Isopropylbenzene	EPA 8260B	8K21040	100	**140**	100	11/22/2008	11/25/2008	
p-Isopropyltoluene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Methylene chloride	EPA 8260B	8K21040	1000	ND	100	11/22/2008	11/25/2008	
Naphthalene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid) - cont.					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Styrene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Tetrachloroethene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Toluene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
1,1,1-Trichloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
1,1,2-Trichloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Trichloroethene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Trichlorofluoromethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/25/2008	
1,2,3-Trichloropropane	EPA 8260B	8K21040	500	ND	100	11/22/2008	11/25/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K21040	100	**1400**	100	11/22/2008	11/25/2008	L
1,3,5-Trimethylbenzene	EPA 8260B	8K21040	100	**1300**	100	11/22/2008	11/25/2008	
Vinyl chloride	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
m,p-Xylenes	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
o-Xylene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/25/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*89 %*				
Surrogate: Dibromofluoromethane (55-140%)				*6 %*				*Z*
Surrogate: Toluene-d8 (60-140%)				*82 %*				

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Bromobenzene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
Bromochloromethane	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
Bromodichloromethane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Bromoform	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
Bromomethane	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
n-Butylbenzene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
tert-Butylbenzene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
sec-Butylbenzene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
Carbon tetrachloride	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Chlorobenzene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Chloroethane	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
Chloroform	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Chloromethane	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
4-Chlorotoluene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
2-Chlorotoluene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
Dibromochloromethane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Dibromomethane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,2-Dichlorobenzene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,3-Dichlorobenzene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,4-Dichlorobenzene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Dichlorodifluoromethane	EPA 8260B	8K21040	200	ND	99.3	11/22/2008	11/25/2008	
1,1-Dichloroethane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,2-Dichloroethane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,1-Dichloroethene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,3-Dichloropropane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
2,2-Dichloropropane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,2-Dichloropropane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,1-Dichloropropene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Ethylbenzene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Hexachlorobutadiene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
Isopropylbenzene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
p-Isopropyltoluene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Methylene chloride	EPA 8260B	8K21040	990	ND	99.3	11/22/2008	11/25/2008	
Naphthalene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid) - cont.					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Styrene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Tetrachloroethene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Toluene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
1,1,1-Trichloroethane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
1,1,2-Trichloroethane	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Trichloroethene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Trichlorofluoromethane	EPA 8260B	8K21040	250	ND	99.3	11/22/2008	11/25/2008	
1,2,3-Trichloropropane	EPA 8260B	8K21040	500	ND	99.3	11/22/2008	11/25/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K21040	99	**760**	99.3	11/22/2008	11/25/2008	L
1,3,5-Trimethylbenzene	EPA 8260B	8K21040	99	**580**	99.3	11/22/2008	11/25/2008	
Vinyl chloride	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
m,p-Xylenes	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
o-Xylene	EPA 8260B	8K21040	99	ND	99.3	11/22/2008	11/25/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*88 %*				
Surrogate: Dibromofluoromethane (55-140%)				*4 %*				*Z*
Surrogate: Toluene-d8 (60-140%)				*84 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-04 (Trip Blank 11/14/08 - Water)					**Sampled: 11/14/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Bromobenzene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
Bromochloromethane	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
Bromodichloromethane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Bromoform	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
Bromomethane	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
n-Butylbenzene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
tert-Butylbenzene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
sec-Butylbenzene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
Carbon tetrachloride	EPA 8260B	8K24051	1.0	ND	1	11/24/2008	11/24/2008	
Chlorobenzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Chloroethane	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
Chloroform	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Chloromethane	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
4-Chlorotoluene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
2-Chlorotoluene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
Dibromochloromethane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Dibromomethane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Dichlorodifluoromethane	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
1,1-Dichloroethane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,2-Dichloroethane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,1-Dichloroethene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,3-Dichloropropane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
2,2-Dichloropropane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,2-Dichloropropane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,1-Dichloropropene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Ethylbenzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Hexachlorobutadiene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
Isopropylbenzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
p-Isopropyltoluene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Methylene chloride	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
Naphthalene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-04 (Trip Blank 11/14/08 - Water) - cont.					**Sampled: 11/14/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Styrene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Tetrachloroethene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Toluene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
1,1,1-Trichloroethane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,1,2-Trichloroethane	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Trichloroethene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Trichlorofluoromethane	EPA 8260B	8K24051	5.0	ND	1	11/24/2008	11/24/2008	
1,2,3-Trichloropropane	EPA 8260B	8K24051	10	ND	1	11/24/2008	11/24/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Vinyl chloride	EPA 8260B	8K24051	1.0	ND	1	11/24/2008	11/24/2008	
m,p-Xylenes	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
o-Xylene	EPA 8260B	8K24051	2.0	ND	1	11/24/2008	11/24/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Surrogate: Dibromofluoromethane (80-120%)				*85 %*				
Surrogate: Toluene-d8 (80-120%)				*88 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Bromobenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
Bromochloromethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
Bromodichloromethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Bromoform	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
Bromomethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
n-Butylbenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
tert-Butylbenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
sec-Butylbenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
Carbon tetrachloride	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Chlorobenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Chloroethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
Chloroform	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Chloromethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
4-Chlorotoluene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
2-Chlorotoluene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
Dibromochloromethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Dibromomethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Dichlorodifluoromethane	EPA 8260B	8K21040	200	ND	100	11/22/2008	11/24/2008	
1,1-Dichloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,2-Dichloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,1-Dichloroethene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,3-Dichloropropane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
2,2-Dichloropropane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,2-Dichloropropane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,1-Dichloropropene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Ethylbenzene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Hexachlorobutadiene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
Isopropylbenzene	EPA 8260B	8K21040	100	**330**	100	11/22/2008	11/24/2008	
p-Isopropyltoluene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Methylene chloride	EPA 8260B	8K21040	1000	ND	100	11/22/2008	11/24/2008	
Naphthalene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid) - cont.					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K21040	100	**490**	100	11/22/2008	11/24/2008	
Styrene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Tetrachloroethene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Toluene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
1,1,1-Trichloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
1,1,2-Trichloroethane	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Trichloroethene	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
Trichlorofluoromethane	EPA 8260B	8K21040	250	ND	100	11/22/2008	11/24/2008	
1,2,3-Trichloropropane	EPA 8260B	8K21040	500	ND	100	11/22/2008	11/24/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K21040	100	**4900**	100	11/22/2008	11/24/2008	L
1,3,5-Trimethylbenzene	EPA 8260B	8K21040	100	**2300**	100	11/22/2008	11/24/2008	
Vinyl chloride	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
m,p-Xylenes	EPA 8260B	8K21040	100	ND	100	11/22/2008	11/24/2008	
o-Xylene	EPA 8260B	8K21040	100	**180**	100	11/22/2008	11/24/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*78 %*				
Surrogate: Dibromofluoromethane (55-140%)				*68 %*				
Surrogate: Toluene-d8 (60-140%)				*73 %*				

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-11 (EQUIPBLANK-HDB-005 - Water)					**Sampled: 11/14/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Bromobenzene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
Bromochloromethane	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
Bromodichloromethane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Bromoform	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
Bromomethane	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
n-Butylbenzene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
tert-Butylbenzene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
sec-Butylbenzene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
Carbon tetrachloride	EPA 8260B	8K21033	1.0	ND	1	11/21/2008	11/22/2008	
Chlorobenzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Chloroethane	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
Chloroform	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Chloromethane	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
4-Chlorotoluene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
2-Chlorotoluene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
Dibromochloromethane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Dibromomethane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,2-Dichlorobenzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,3-Dichlorobenzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,4-Dichlorobenzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Dichlorodifluoromethane	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
1,1-Dichloroethane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,2-Dichloroethane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,1-Dichloroethene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,3-Dichloropropane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
2,2-Dichloropropane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,2-Dichloropropane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,1-Dichloropropene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Ethylbenzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Hexachlorobutadiene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
Isopropylbenzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
p-Isopropyltoluene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Methylene chloride	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
Naphthalene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-11 (EQUIPBLANK-HDB-005 - Water) - cont.					**Sampled: 11/14/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Styrene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Tetrachloroethene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Toluene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
1,1,1-Trichloroethane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,1,2-Trichloroethane	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Trichloroethene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Trichlorofluoromethane	EPA 8260B	8K21033	5.0	ND	1	11/21/2008	11/22/2008	
1,2,3-Trichloropropane	EPA 8260B	8K21033	10	ND	1	11/21/2008	11/22/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Vinyl chloride	EPA 8260B	8K21033	1.0	ND	1	11/21/2008	11/22/2008	
m,p-Xylenes	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
o-Xylene	EPA 8260B	8K21033	2.0	ND	1	11/21/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*85 %*				
Surrogate: Dibromofluoromethane (80-120%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-11 (EQUIPBLANK-HDB-005 - Water)					**Sampled: 11/14/08**			
Reporting Units: ug/l								
Acenaphthene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Acenaphthylene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Aniline	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Anthracene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Benzidine	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Benzo(a)anthracene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Benzo(a)pyrene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Benzo(b)fluoranthene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Benzo(k)fluoranthene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Benzoic acid	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Benzyl alcohol	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Butyl benzyl phthalate	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
4-Chloroaniline	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	C-2
2-Chloronaphthalene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
2-Chlorophenol	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Chrysene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Dibenzofuran	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Di-n-butyl phthalate	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
1,2-Dichlorobenzene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
1,3-Dichlorobenzene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
1,4-Dichlorobenzene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
2,4-Dichlorophenol	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Diethyl phthalate	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
2,4-Dimethylphenol	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Dimethyl phthalate	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
2,4-Dinitrophenol	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
2,4-Dinitrotoluene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
2,6-Dinitrotoluene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Di-n-octyl phthalate	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K19108	47	ND	0.943	11/19/2008	11/21/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Sample ID: IRK1643-11 (EQUIPBLANK-HDB-005 - Water) - cont. **Sampled: 11/14/08**

Reporting Units: ug/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Fluoranthene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Fluorene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Hexachlorobenzene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Hexachlorobutadiene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Hexachloroethane	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Isophorone	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
2-Methylnaphthalene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
2-Methylphenol	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
4-Methylphenol	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Naphthalene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
2-Nitroaniline	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
3-Nitroaniline	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
4-Nitroaniline	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Nitrobenzene	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
2-Nitrophenol	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
4-Nitrophenol	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Pentachlorophenol	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Phenanthrene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Phenol	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
Pyrene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K19108	9.4	ND	0.943	11/19/2008	11/21/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K19108	19	ND	0.943	11/19/2008	11/21/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*91 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*68 %*				
Surrogate: 2-Fluorophenol (30-120%)				*65 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*68 %*				
Surrogate: Phenol-d6 (35-120%)				*68 %*				
Surrogate: Terphenyl-d14 (50-125%)				*78 %*				

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Project ID: Oakland
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Received: 11/15/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)					**Sampled: 11/13/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Acenaphthylene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Aniline	EPA 8270C	8K18092	8300	ND	20	11/18/2008	11/19/2008	
Anthracene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzidine	EPA 8270C	8K18092	13000	ND	20	11/18/2008	11/19/2008	
Benzo(a)anthracene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzo(a)pyrene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzo(b)fluoranthene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzo(k)fluoranthene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Benzoic acid	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
Benzyl alcohol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Butyl benzyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	C
4-Chloro-3-methylphenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Chloroaniline	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K18092	3300	ND	20	11/18/2008	11/19/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Chloronaphthalene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Chlorophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Chrysene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K18092	8300	ND	20	11/18/2008	11/19/2008	
Dibenzofuran	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Di-n-butyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,2-Dichlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,3-Dichlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,4-Dichlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
2,4-Dichlorophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Diethyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2,4-Dimethylphenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Dimethyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K18092	8300	ND	20	11/18/2008	11/19/2008	
2,4-Dinitrophenol	EPA 8270C	8K18092	13000	ND	20	11/18/2008	11/19/2008	
2,4-Dinitrotoluene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2,6-Dinitrotoluene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Di-n-octyl phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid) - cont.					**Sampled: 11/13/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Fluorene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Hexachlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Hexachlorobutadiene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
Hexachloroethane	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Isophorone	EPA 8270C	8K18092	6700	**14000**	20	11/18/2008	11/19/2008	
2-Methylnaphthalene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Methylphenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Methylphenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Naphthalene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Nitroaniline	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
3-Nitroaniline	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Nitroaniline	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
Nitrobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2-Nitrophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
4-Nitrophenol	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K18092	5000	ND	20	11/18/2008	11/19/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Pentachlorophenol	EPA 8270C	8K18092	17000	ND	20	11/18/2008	11/19/2008	
Phenanthrene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Phenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Pyrene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K18092	6700	ND	20	11/18/2008	11/19/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*66 %*				*Z3*
Surrogate: 2-Fluorophenol (25-120%)				*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*73 %*				*Z3*
Surrogate: Phenol-d6 (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (40-135%)				*66 %*				*Z3*

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Project Manager

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)					**Sampled: 11/14/08**			**RL3**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Acenaphthylene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Aniline	EPA 8270C	8K19114	830	ND	2	11/19/2008	11/21/2008	
Anthracene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Benzidine	EPA 8270C	8K19114	1300	ND	2	11/19/2008	11/21/2008	
Benzo(a)anthracene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Benzo(a)pyrene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Benzo(b)fluoranthene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Benzo(k)fluoranthene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Benzoic acid	EPA 8270C	8K19114	1700	ND	2	11/19/2008	11/21/2008	
Benzyl alcohol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Butyl benzyl phthalate	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
4-Chloroaniline	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K19114	330	ND	2	11/19/2008	11/21/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	C-2
2-Chloronaphthalene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
2-Chlorophenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Chrysene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K19114	830	ND	2	11/19/2008	11/21/2008	
Dibenzofuran	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Di-n-butyl phthalate	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
1,2-Dichlorobenzene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
1,3-Dichlorobenzene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
1,4-Dichlorobenzene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K19114	1700	ND	2	11/19/2008	11/21/2008	
2,4-Dichlorophenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Diethyl phthalate	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
2,4-Dimethylphenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Dimethyl phthalate	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K19114	830	ND	2	11/19/2008	11/21/2008	
2,4-Dinitrophenol	EPA 8270C	8K19114	1300	ND	2	11/19/2008	11/21/2008	
2,4-Dinitrotoluene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
2,6-Dinitrotoluene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Di-n-octyl phthalate	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	

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B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid) - cont.					**Sampled: 11/14/08**			**RL3**
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Fluorene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Hexachlorobenzene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Hexachlorobutadiene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K19114	1700	ND	2	11/19/2008	11/21/2008	
Hexachloroethane	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Isophorone	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
2-Methylnaphthalene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
2-Methylphenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
4-Methylphenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Naphthalene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
2-Nitroaniline	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
3-Nitroaniline	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
4-Nitroaniline	EPA 8270C	8K19114	1700	ND	2	11/19/2008	11/21/2008	
Nitrobenzene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
2-Nitrophenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
4-Nitrophenol	EPA 8270C	8K19114	1700	ND	2	11/19/2008	11/21/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K19114	500	ND	2	11/19/2008	11/21/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Pentachlorophenol	EPA 8270C	8K19114	1700	ND	2	11/19/2008	11/21/2008	
Phenanthrene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Phenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Pyrene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K19114	670	ND	2	11/19/2008	11/21/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*65 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*66 %*				
Surrogate: 2-Fluorophenol (25-120%)				*48 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*56 %*				
Surrogate: Phenol-d6 (35-120%)				*67 %*				
Surrogate: Terphenyl-d14 (40-135%)				*67 %*				

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Sampled: 11/13/08-11/14/08
Received: 11/15/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Acenaphthylene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Aniline	EPA 8270C	8K19114	420	ND	1	11/19/2008	11/20/2008	
Anthracene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Benzidine	EPA 8270C	8K19114	660	ND	1	11/19/2008	11/20/2008	
Benzo(a)anthracene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Benzo(a)pyrene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Benzo(b)fluoranthene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Benzo(k)fluoranthene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Benzoic acid	EPA 8270C	8K19114	830	ND	1	11/19/2008	11/20/2008	M2
Benzyl alcohol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Butyl benzyl phthalate	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
4-Chloroaniline	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K19114	170	ND	1	11/19/2008	11/20/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2-Chloronaphthalene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2-Chlorophenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Chrysene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K19114	420	ND	1	11/19/2008	11/20/2008	
Dibenzofuran	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Di-n-butyl phthalate	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
1,2-Dichlorobenzene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
1,3-Dichlorobenzene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
1,4-Dichlorobenzene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K19114	830	ND	1	11/19/2008	11/20/2008	
2,4-Dichlorophenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Diethyl phthalate	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2,4-Dimethylphenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Dimethyl phthalate	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K19114	420	ND	1	11/19/2008	11/20/2008	
2,4-Dinitrophenol	EPA 8270C	8K19114	660	ND	1	11/19/2008	11/20/2008	
2,4-Dinitrotoluene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2,6-Dinitrotoluene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Di-n-octyl phthalate	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid) - cont.					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Fluorene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Hexachlorobenzene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Hexachlorobutadiene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K19114	830	ND	1	11/19/2008	11/20/2008	
Hexachloroethane	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Isophorone	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2-Methylnaphthalene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2-Methylphenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
4-Methylphenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Naphthalene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2-Nitroaniline	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
3-Nitroaniline	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
4-Nitroaniline	EPA 8270C	8K19114	830	ND	1	11/19/2008	11/20/2008	
Nitrobenzene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2-Nitrophenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
4-Nitrophenol	EPA 8270C	8K19114	830	ND	1	11/19/2008	11/20/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K19114	250	ND	1	11/19/2008	11/20/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Pentachlorophenol	EPA 8270C	8K19114	830	ND	1	11/19/2008	11/20/2008	
Phenanthrene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Phenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Pyrene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K19114	330	ND	1	11/19/2008	11/20/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*78 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*70 %*				
Surrogate: 2-Fluorophenol (25-120%)				*87 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*67 %*				
Surrogate: Phenol-d6 (35-120%)				*86 %*				
Surrogate: Terphenyl-d14 (40-135%)				*65 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-11 (EQUIPBLANK-HDB-005 - Water)					**Sampled: 11/14/08**			
Reporting Units: ug/l								
Aroclor 1016	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/19/2008	
Aroclor 1221	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/19/2008	
Aroclor 1232	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/19/2008	
Aroclor 1242	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/19/2008	
Aroclor 1248	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/19/2008	
Aroclor 1254	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/19/2008	
Aroclor 1260	EPA 8082	8K17052	0.94	ND	0.943	11/17/2008	11/19/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*61 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K18115	50	ND	0.999	11/18/2008	11/21/2008	
Aroclor 1221	EPA 8082	8K18115	50	ND	0.999	11/18/2008	11/21/2008	
Aroclor 1232	EPA 8082	8K18115	50	ND	0.999	11/18/2008	11/21/2008	
Aroclor 1242	EPA 8082	8K18115	50	ND	0.999	11/18/2008	11/21/2008	
Aroclor 1248	EPA 8082	8K18115	50	ND	0.999	11/18/2008	11/21/2008	
Aroclor 1254	EPA 8082	8K18115	50	ND	0.999	11/18/2008	11/21/2008	
Aroclor 1260	EPA 8082	8K18115	50	ND	0.999	11/18/2008	11/21/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*71 %*				
Sample ID: IRK1643-02 (B21-SMP-CP-011 - Solid)					**Sampled: 11/13/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K18115	50	**180**	1	11/18/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*65 %*				
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)					**Sampled: 11/14/08**			**RL1**
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*60 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-05 (B21-SMP-CP-013 - Solid)					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K18115	50	ND	0.998	11/18/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K18115	50	ND	0.998	11/18/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K18115	50	ND	0.998	11/18/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K18115	50	ND	0.998	11/18/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K18115	50	ND	0.998	11/18/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K18115	50	ND	0.998	11/18/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K18115	50	**220**	0.998	11/18/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*73 %*				
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*78 %*				
Sample ID: IRK1643-07 (B21-CF-CP-015 - Solid)					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*78 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-08 (B21-CF-CP-016 - Solid)					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*80 %*				
Sample ID: IRK1643-09 (B21-CF-CP-016 DUP - Solid)					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K18115	50	ND	1	11/18/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*63 %*				
Sample ID: IRK1643-10 (B8-SMP-CP-011 - Solid)					**Sampled: 11/14/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1221	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1232	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1242	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1248	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1254	EPA 8082	8K18115	75	ND	1.5	11/18/2008	11/20/2008	
Aroclor 1260	EPA 8082	8K18115	75	**83**	1.5	11/18/2008	11/20/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*58 %*				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)					**Sampled: 11/13/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20127	0.020	**0.032**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/25/2008	
Arsenic	EPA 6010B	8K24135	2.0	**3.5**	1	11/24/2008	11/25/2008	
Barium	EPA 6010B	8K24135	1.0	**130**	1	11/24/2008	11/25/2008	
Beryllium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/25/2008	
Cadmium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/25/2008	
Chromium	EPA 6010B	8K24135	1.0	**43**	1	11/24/2008	11/25/2008	
Cobalt	EPA 6010B	8K24135	1.0	**7.9**	1	11/24/2008	11/25/2008	
Copper	EPA 6010B	8K24135	2.0	**23**	1	11/24/2008	11/25/2008	
Lead	EPA 6010B	8K24135	2.0	**3.4**	1	11/24/2008	11/25/2008	
Molybdenum	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/25/2008	
Nickel	EPA 6010B	8K24135	2.0	**38**	1	11/24/2008	11/25/2008	
Selenium	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/25/2008	
Silver	EPA 6010B	8K24135	1.0	ND	1	11/24/2008	11/25/2008	
Thallium	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/25/2008	
Vanadium	EPA 6010B	8K24135	1.0	**45**	1	11/24/2008	11/25/2008	
Zinc	EPA 6010B	8K24135	5.0	**32**	1	11/24/2008	11/25/2008	
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)					**Sampled: 11/14/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20127	0.020	**0.023**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/26/2008	
Arsenic	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/26/2008	
Barium	EPA 6010B	8K24135	1.0	**120**	1	11/24/2008	11/26/2008	
Beryllium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/26/2008	
Cadmium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/26/2008	
Chromium	EPA 6010B	8K24135	1.0	**38**	1	11/24/2008	11/26/2008	
Cobalt	EPA 6010B	8K24135	1.0	**6.5**	1	11/24/2008	11/26/2008	
Copper	EPA 6010B	8K24135	2.0	**19**	1	11/24/2008	11/26/2008	
Lead	EPA 6010B	8K24135	2.0	**3.3**	1	11/24/2008	11/26/2008	
Molybdenum	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/26/2008	
Nickel	EPA 6010B	8K24135	2.0	**45**	1	11/24/2008	11/26/2008	
Selenium	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/26/2008	
Silver	EPA 6010B	8K24135	1.0	ND	1	11/24/2008	11/26/2008	
Thallium	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/26/2008	
Vanadium	EPA 6010B	8K24135	1.0	**33**	1	11/24/2008	11/26/2008	
Zinc	EPA 6010B	8K24135	5.0	**28**	1	11/24/2008	11/26/2008	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)					**Sampled: 11/14/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K20127	0.020	**0.068**	1	11/20/2008	11/20/2008	
Antimony	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/26/2008	
Arsenic	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/26/2008	
Barium	EPA 6010B	8K24135	1.0	**160**	1	11/24/2008	11/26/2008	
Beryllium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/26/2008	
Cadmium	EPA 6010B	8K24135	0.50	ND	1	11/24/2008	11/26/2008	
Chromium	EPA 6010B	8K24135	1.0	**44**	1	11/24/2008	11/26/2008	
Cobalt	EPA 6010B	8K24135	1.0	**6.4**	1	11/24/2008	11/26/2008	
Copper	EPA 6010B	8K24135	2.0	**22**	1	11/24/2008	11/26/2008	
Lead	EPA 6010B	8K24135	2.0	**2.9**	1	11/24/2008	11/26/2008	
Molybdenum	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/26/2008	
Nickel	EPA 6010B	8K24135	2.0	**48**	1	11/24/2008	11/26/2008	
Selenium	EPA 6010B	8K24135	2.0	ND	1	11/24/2008	11/26/2008	
Silver	EPA 6010B	8K24135	1.0	ND	1	11/24/2008	11/26/2008	
Thallium	EPA 6010B	8K24135	10	ND	1	11/24/2008	11/26/2008	
Vanadium	EPA 6010B	8K24135	1.0	**44**	1	11/24/2008	11/26/2008	
Zinc	EPA 6010B	8K24135	5.0	**32**	1	11/24/2008	11/26/2008	
Sample ID: IRK1643-11 (EQUIPBLANK-HDB-005 - Water)					**Sampled: 11/14/08**			
Reporting Units: mg/l								
Mercury	EPA 7470A	8K21081	0.00020	ND	1	11/21/2008	11/21/2008	
Antimony	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Arsenic	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Barium	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Beryllium	EPA 6010B	8K22043	0.0040	ND	1	11/22/2008	11/25/2008	
Cadmium	EPA 6010B	8K22043	0.0050	ND	1	11/22/2008	11/25/2008	
Chromium	EPA 6010B	8K22043	0.0050	ND	1	11/22/2008	11/25/2008	
Cobalt	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Copper	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Lead	EPA 6010B	8K22043	0.0050	ND	1	11/22/2008	11/25/2008	
Molybdenum	EPA 6010B	8K22043	0.020	ND	1	11/22/2008	11/25/2008	
Nickel	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Selenium	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Silver	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Thallium	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Vanadium	EPA 6010B	8K22043	0.010	ND	1	11/22/2008	11/25/2008	
Zinc	EPA 6010B	8K22043	0.020	ND	1	11/22/2008	11/25/2008	

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)					**Sampled: 11/13/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)					**Sampled: 11/13/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K27008	0.100	**12.2**	1	11/27/2008	11/27/2008	H-1
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)					**Sampled: 11/14/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)					**Sampled: 11/14/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K27008	0.100	**12.2**	1	11/27/2008	11/27/2008	H-1
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)					**Sampled: 11/14/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K18147	NA	Not Ignitable	1	11/18/2008	11/18/2008	
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)					**Sampled: 11/14/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8K27008	0.100	**8.55**	1	11/27/2008	11/27/2008	H-1

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid) **Sampled: 11/13/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Aniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzidine	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Chrysene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	7.5	11/22/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid) - cont. **Sampled: 11/13/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
1,2-Diphenylhydrazine/Azobe	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K22063	0.25	ND	1	NA	11/22/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Fluorene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K22063	0.050	ND	1	0.5	11/22/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K22063	0.050	ND	1	3.0	11/22/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Isophorone	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Naphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K22063	0.20	ND	1	2.0	11/22/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K22063	0.20	ND	1	100.0	11/22/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Phenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	400.0	11/22/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	2.0	11/22/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*100 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*73 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid) - cont.					**Sampled: 11/13/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*65 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*72 %*					
Surrogate: Phenol-d6 (45-120%)				*72 %*					
Surrogate: Terphenyl-d14 (45-135%)				*77 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid) **Sampled: 11/14/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Aniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzidine	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Chrysene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	7.5	11/22/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	

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Sampled: 11/13/08-11/14/08
Received: 11/15/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid) - cont. **Sampled: 11/14/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
1,2-Diphenylhydrazine/Azobe	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K22063	0.25	ND	1	NA	11/22/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Fluorene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K22063	0.050	ND	1	0.5	11/22/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K22063	0.050	ND	1	3.0	11/22/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Isophorone	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Naphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K22063	0.20	ND	1	2.0	11/22/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K22063	0.20	ND	1	100.0	11/22/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Phenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	400.0	11/22/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	2.0	11/22/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*103 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*77 %*					

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid) - cont.					**Sampled: 11/14/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*75 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*78 %*					
Surrogate: Phenol-d6 (45-120%)				*83 %*					
Surrogate: Terphenyl-d14 (45-135%)				*76 %*					

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Received: 11/15/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid) **Sampled: 11/14/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Acenaphthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Acenaphthylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Aniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzidine	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)anthracene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(a)pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(b)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzo(k)fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Benzoic acid	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Benzyl alcohol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Butyl benzyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Chloroaniline	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chloronaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Chlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Chrysene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dibenzofuran	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-butyl phthalate	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	7.5	11/22/2008	11/24/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dichlorophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Diethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dimethylphenol	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Dimethyl phthalate	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	

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Sampled: 11/13/08-11/14/08
Received: 11/15/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid) - cont. **Sampled: 11/14/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
2,4-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
2,6-Dinitrotoluene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Di-n-octyl phthalate	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
1,2-Diphenylhydrazine/Azobe	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K22063	0.25	ND	1	NA	11/22/2008	11/24/2008	
Fluoranthene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Fluorene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Hexachlorobenzene	EPA 8270C	8K22063	0.050	ND	1	0.13	11/22/2008	11/24/2008	
Hexachlorobutadiene	EPA 8270C	8K22063	0.050	ND	1	0.5	11/22/2008	11/24/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K22063	0.20	ND	1	NA	11/22/2008	11/24/2008	
Hexachloroethane	EPA 8270C	8K22063	0.050	ND	1	3.0	11/22/2008	11/24/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
Isophorone	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylnaphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Methylphenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Naphthalene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
3-Nitroaniline	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
4-Nitroaniline	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
Nitrobenzene	EPA 8270C	8K22063	0.20	ND	1	2.0	11/22/2008	11/24/2008	
2-Nitrophenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
4-Nitrophenol	EPA 8270C	8K22063	0.50	ND	1	NA	11/22/2008	11/24/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K22063	0.10	ND	1	NA	11/22/2008	11/24/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pentachlorophenol	EPA 8270C	8K22063	0.20	ND	1	100.0	11/22/2008	11/24/2008	
Phenanthrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Phenol	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
Pyrene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K22063	0.050	ND	1	NA	11/22/2008	11/24/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	400.0	11/22/2008	11/24/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K22063	0.10	ND	1	2.0	11/22/2008	11/24/2008	
Surrogate: 2,4,6-Tribromophenol (40-125%)				*106 %*					
Surrogate: 2-Fluorobiphenyl (45-120%)				*78 %*					

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid) - cont.					**Sampled: 11/14/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (35-120%)				*54 %*					
Surrogate: Nitrobenzene-d5 (40-120%)				*73 %*					
Surrogate: Phenol-d6 (45-120%)				*61 %*					
Surrogate: Terphenyl-d14 (45-135%)				*83 %*					

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)					**Sampled: 11/13/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22016	0.10	ND	1	200.0	11/21/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	100.0	11/21/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22016	0.020	ND	1	6.0	11/21/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	7.5	11/21/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22016	0.050	ND	1	0.7	11/21/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid) - cont.					**Sampled: 11/13/08**				
Reporting Units: mg/l									
1,1-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Styrene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.7	11/21/2008	11/22/2008	
Toluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22016	0.10	ND	1	NA	11/21/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22016	0.050	ND	1	0.2	11/21/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*					
Surrogate: Dibromofluoromethane (80-120%)				*96 %*					
Surrogate: Toluene-d8 (80-120%)				*97 %*					

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Joseph Doak For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid) **Sampled: 11/14/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22016	0.10	ND	1	200.0	11/21/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	100.0	11/21/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22016	0.020	ND	1	6.0	11/21/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	7.5	11/21/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22016	0.050	ND	1	0.7	11/21/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid) - cont. **Sampled: 11/14/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Styrene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.7	11/21/2008	11/22/2008	
Toluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22016	0.10	ND	1	NA	11/21/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22016	0.050	ND	1	0.2	11/21/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*					
Surrogate: Dibromofluoromethane (80-120%)				*97 %*					
Surrogate: Toluene-d8 (80-120%)				*98 %*					

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B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)					**Sampled: 11/14/08**				
Reporting Units: mg/l									
Benzene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Bromobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromochloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromodichloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Bromoform	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Bromomethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Butanone (MEK)	8260B-TCLP	8K22016	0.10	ND	1	200.0	11/21/2008	11/22/2008	
n-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
tert-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
sec-Butylbenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Carbon tetrachloride	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Chlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	100.0	11/21/2008	11/22/2008	
Chloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Chloroform	8260B-TCLP	8K22016	0.020	ND	1	6.0	11/21/2008	11/22/2008	
Chloromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
4-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
2-Chlorotoluene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Dibromochloromethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Dibromomethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K22016	0.020	ND	1	7.5	11/21/2008	11/22/2008	
Dichlorodifluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloroethane	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
1,1-Dichloroethene	8260B-TCLP	8K22016	0.050	ND	1	0.7	11/21/2008	11/22/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
2,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2-Dichloropropane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	L
trans-1,3-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid) - cont. **Sampled: 11/14/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Ethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Hexachlorobutadiene	8260B-TCLP	8K22016	0.050	ND	1	0.5	11/21/2008	11/22/2008	
Isopropylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
p-Isopropyltoluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Methylene chloride	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
Naphthalene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
n-Propylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Styrene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Tetrachloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.7	11/21/2008	11/22/2008	
Toluene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	C
1,2,4-Trichlorobenzene	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Trichloroethene	8260B-TCLP	8K22016	0.020	ND	1	0.5	11/21/2008	11/22/2008	
Trichlorofluoromethane	8260B-TCLP	8K22016	0.050	ND	1	NA	11/21/2008	11/22/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K22016	0.10	ND	1	NA	11/21/2008	11/22/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Vinyl chloride	8260B-TCLP	8K22016	0.050	ND	1	0.2	11/21/2008	11/22/2008	
m,p-Xylenes	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
o-Xylene	8260B-TCLP	8K22016	0.020	ND	1	NA	11/21/2008	11/22/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*					
Surrogate: Dibromofluoromethane (80-120%)				*97 %*					
Surrogate: Toluene-d8 (80-120%)				*96 %*					

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)					**Sampled: 11/13/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24101	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Barium	6010B-TCLP	8K22035	0.20	**0.49**	1	100.0	11/22/2008	11/25/2008	
Cadmium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Chromium	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Lead	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Selenium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Silver	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)					**Sampled: 11/14/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24101	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Barium	6010B-TCLP	8K22035	0.20	**0.44**	1	100.0	11/22/2008	11/25/2008	
Cadmium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Chromium	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Lead	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Selenium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Silver	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)					**Sampled: 11/14/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K24101	0.0020	ND	1	0.2	11/24/2008	11/24/2008	
Arsenic	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	
Barium	6010B-TCLP	8K22035	0.20	**0.89**	1	100.0	11/22/2008	11/25/2008	
Cadmium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Chromium	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Lead	6010B-TCLP	8K22035	0.10	ND	1	5.0	11/22/2008	11/25/2008	
Selenium	6010B-TCLP	8K22035	0.10	ND	1	1.0	11/22/2008	11/25/2008	
Silver	6010B-TCLP	8K22035	0.20	ND	1	5.0	11/22/2008	11/25/2008	

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B0031045.0003
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Sampled: 11/13/08-11/14/08
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TCLP EXTRACTION - Zero Headspace (ZHE)

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)			**Sampled: 11/13/08**		
Extraction	EPA 1311-ZHE	8K21124	11/21/2008	11/22/2008	
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)			**Sampled: 11/14/08**		
Extraction	EPA 1311-ZHE	8K21124	11/21/2008	11/22/2008	
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)			**Sampled: 11/14/08**		
Extraction	EPA 1311-ZHE	8K21124	11/21/2008	11/22/2008	

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TCLP EXTRACTION - Semi Volatiles

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)			**Sampled: 11/13/08**		
Extraction	EPA 1311-SV	8K21125	11/21/2008	11/22/2008	
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)			**Sampled: 11/14/08**		
Extraction	EPA 1311-SV	8K21125	11/21/2008	11/22/2008	
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)			**Sampled: 11/14/08**		
Extraction	EPA 1311-SV	8K21125	11/21/2008	11/22/2008	

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TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK1643-01 (B21-CF-CHWP-010 - Solid)			**Sampled: 11/13/08**		
Extraction	EPA 1311-Met	8K21123	11/21/2008	11/22/2008	
Sample ID: IRK1643-03 (B21-CF-CHWP-012 - Solid)			**Sampled: 11/14/08**		
Extraction	EPA 1311-Met	8K21123	11/21/2008	11/22/2008	
Sample ID: IRK1643-06 (B21-CF-CHWP-014 - Solid)			**Sampled: 11/14/08**		
Extraction	EPA 1311-Met	8K21123	11/21/2008	11/22/2008	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21033 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21033-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21033 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21033-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*22.9*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*22.6*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Toluene-d8	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
LCS Analyzed: 11/21/2008 (8K21033-BS1)										
Benzene	26.8	2.0	ug/l	25.0		107	70-120			
Bromobenzene	26.4	5.0	ug/l	25.0		106	75-120			
Bromochloromethane	25.3	5.0	ug/l	25.0		101	70-130			
Bromodichloromethane	27.7	2.0	ug/l	25.0		111	70-135			
Bromoform	23.7	5.0	ug/l	25.0		95	55-130			
Bromomethane	23.6	5.0	ug/l	25.0		94	65-140			
n-Butylbenzene	29.4	5.0	ug/l	25.0		117	70-130			
tert-Butylbenzene	28.5	5.0	ug/l	25.0		114	70-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21033 Extracted: 11/21/08										
LCS Analyzed: 11/21/2008 (8K21033-BS1)										
sec-Butylbenzene	29.4	5.0	ug/l	25.0		118	70-125			
Carbon tetrachloride	27.5	5.0	ug/l	25.0		110	65-140			
Chlorobenzene	26.7	2.0	ug/l	25.0		107	75-120			
Chloroethane	23.1	5.0	ug/l	25.0		92	60-140			
Chloroform	24.3	2.0	ug/l	25.0		97	70-130			
Chloromethane	22.2	5.0	ug/l	25.0		89	50-140			
4-Chlorotoluene	29.3	5.0	ug/l	25.0		117	75-125			
2-Chlorotoluene	28.0	5.0	ug/l	25.0		112	70-125			
1,2-Dibromo-3-chloropropane	24.5	5.0	ug/l	25.0		98	50-135			
Dibromochloromethane	25.4	2.0	ug/l	25.0		101	70-140			
1,2-Dibromoethane (EDB)	27.3	2.0	ug/l	25.0		109	75-125			
Dibromomethane	26.2	2.0	ug/l	25.0		105	70-125			
1,2-Dichlorobenzene	28.2	2.0	ug/l	25.0		113	75-120			
1,3-Dichlorobenzene	27.4	2.0	ug/l	25.0		109	75-120			
1,4-Dichlorobenzene	26.9	2.0	ug/l	25.0		108	75-120			
Dichlorodifluoromethane	27.1	5.0	ug/l	25.0		108	35-155			
1,1-Dichloroethane	25.7	2.0	ug/l	25.0		103	70-125			
1,2-Dichloroethane	26.0	2.0	ug/l	25.0		104	60-140			
1,1-Dichloroethene	25.5	5.0	ug/l	25.0		102	70-125			
cis-1,2-Dichloroethene	26.7	2.0	ug/l	25.0		107	70-125			
trans-1,2-Dichloroethene	26.4	2.0	ug/l	25.0		106	70-125			
1,3-Dichloropropane	27.1	2.0	ug/l	25.0		108	70-120			
2,2-Dichloropropane	29.7	2.0	ug/l	25.0		119	65-140			
1,2-Dichloropropane	26.7	2.0	ug/l	25.0		107	70-125			
cis-1,3-Dichloropropene	35.4	2.0	ug/l	25.0		142	75-125			*L*
trans-1,3-Dichloropropene	25.8	2.0	ug/l	25.0		103	70-125			
1,1-Dichloropropene	28.7	2.0	ug/l	25.0		115	75-130			
Ethylbenzene	28.5	2.0	ug/l	25.0		114	75-125			
Hexachlorobutadiene	27.8	5.0	ug/l	25.0		111	65-135			
Isopropylbenzene	28.5	2.0	ug/l	25.0		114	75-130			
p-Isopropyltoluene	28.6	2.0	ug/l	25.0		114	75-125			
Methylene chloride	24.8	5.0	ug/l	25.0		99	55-130			
Naphthalene	29.3	5.0	ug/l	25.0		117	55-135			
n-Propylbenzene	29.2	2.0	ug/l	25.0		117	75-130			
Styrene	26.8	2.0	ug/l	25.0		107	75-130			
1,1,1,2-Tetrachloroethane	26.3	5.0	ug/l	25.0		105	70-130			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21033 Extracted: 11/21/08										
LCS Analyzed: 11/21/2008 (8K21033-BS1)										
1,1,2,2-Tetrachloroethane	27.0	2.0	ug/l	25.0		108	55-130			
Tetrachloroethene	26.4	2.0	ug/l	25.0		106	70-125			
Toluene	28.9	2.0	ug/l	25.0		116	70-120			
1,2,3-Trichlorobenzene	28.0	5.0	ug/l	25.0		112	65-125			
1,2,4-Trichlorobenzene	29.0	5.0	ug/l	25.0		116	70-135			
1,1,1-Trichloroethane	27.4	2.0	ug/l	25.0		110	65-135			
1,1,2-Trichloroethane	26.9	2.0	ug/l	25.0		107	70-125			
Trichloroethene	26.6	2.0	ug/l	25.0		107	70-125			
Trichlorofluoromethane	24.0	5.0	ug/l	25.0		96	65-145			
1,2,3-Trichloropropane	26.8	10	ug/l	25.0		107	60-130			
1,2,4-Trimethylbenzene	29.7	2.0	ug/l	25.0		119	75-125			
1,3,5-Trimethylbenzene	29.1	2.0	ug/l	25.0		116	75-125			
Vinyl chloride	23.1	5.0	ug/l	25.0		92	55-135			
m,p-Xylenes	59.8	2.0	ug/l	50.0		120	75-125			
o-Xylene	29.9	2.0	ug/l	25.0		120	75-125			
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Matrix Spike Analyzed: 11/21/2008 (8K21033-MS1)					**Source: IRK2233-03**					
Benzene	26.3	2.0	ug/l	25.0	ND	105	65-125			
Bromobenzene	26.3	5.0	ug/l	25.0	ND	105	70-125			
Bromochloromethane	24.6	5.0	ug/l	25.0	ND	98	65-135			
Bromodichloromethane	26.9	2.0	ug/l	25.0	ND	108	70-135			
Bromoform	23.2	5.0	ug/l	25.0	ND	93	55-135			
Bromomethane	22.9	5.0	ug/l	25.0	ND	92	55-145			
n-Butylbenzene	28.9	5.0	ug/l	25.0	ND	116	65-135			
tert-Butylbenzene	28.1	5.0	ug/l	25.0	ND	112	65-130			
sec-Butylbenzene	29.1	5.0	ug/l	25.0	ND	116	70-125			
Carbon tetrachloride	27.0	5.0	ug/l	25.0	ND	108	65-140			
Chlorobenzene	26.1	2.0	ug/l	25.0	ND	105	75-125			
Chloroethane	23.0	5.0	ug/l	25.0	ND	92	55-140			
Chloroform	24.1	2.0	ug/l	25.0	ND	96	65-135			
Chloromethane	21.9	5.0	ug/l	25.0	ND	87	45-145			
4-Chlorotoluene	29.0	5.0	ug/l	25.0	ND	116	70-135			
2-Chlorotoluene	27.9	5.0	ug/l	25.0	ND	111	65-135			

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21033 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/21/2008 (8K21033-MS1)					**Source: IRK2233-03**					
1,2-Dibromo-3-chloropropane	24.2	5.0	ug/l	25.0	ND	97	45-145			
Dibromochloromethane	25.0	2.0	ug/l	25.0	ND	100	65-140			
1,2-Dibromoethane (EDB)	26.9	2.0	ug/l	25.0	ND	107	70-130			
Dibromomethane	25.5	2.0	ug/l	25.0	ND	102	65-135			
1,2-Dichlorobenzene	27.8	2.0	ug/l	25.0	ND	111	75-125			
1,3-Dichlorobenzene	27.1	2.0	ug/l	25.0	ND	109	75-125			
1,4-Dichlorobenzene	26.3	2.0	ug/l	25.0	ND	105	75-125			
Dichlorodifluoromethane	26.3	5.0	ug/l	25.0	ND	105	25-155			
1,1-Dichloroethane	25.4	2.0	ug/l	25.0	ND	102	65-130			
1,2-Dichloroethane	25.6	2.0	ug/l	25.0	ND	102	60-140			
1,1-Dichloroethene	24.8	5.0	ug/l	25.0	ND	99	60-130			
cis-1,2-Dichloroethene	26.2	2.0	ug/l	25.0	ND	105	65-130			
trans-1,2-Dichloroethene	25.8	2.0	ug/l	25.0	ND	103	65-130			
1,3-Dichloropropane	26.6	2.0	ug/l	25.0	ND	106	65-135			
2,2-Dichloropropane	29.8	2.0	ug/l	25.0	ND	119	60-145			
1,2-Dichloropropane	26.3	2.0	ug/l	25.0	ND	105	65-130			
cis-1,3-Dichloropropene	35.0	2.0	ug/l	25.0	ND	140	70-130			*M7*
trans-1,3-Dichloropropene	25.4	2.0	ug/l	25.0	ND	102	65-135			
1,1-Dichloropropene	28.4	2.0	ug/l	25.0	ND	114	70-135			
Ethylbenzene	27.8	2.0	ug/l	25.0	ND	111	65-130			
Hexachlorobutadiene	27.0	5.0	ug/l	25.0	ND	108	60-135			
Isopropylbenzene	28.2	2.0	ug/l	25.0	ND	113	70-135			
p-Isopropyltoluene	28.2	2.0	ug/l	25.0	ND	113	65-130			
Methylene chloride	23.7	5.0	ug/l	25.0	ND	95	50-135			
Naphthalene	28.9	5.0	ug/l	25.0	ND	115	50-140			
n-Propylbenzene	29.0	2.0	ug/l	25.0	ND	116	70-135			
Styrene	26.1	2.0	ug/l	25.0	ND	104	50-145			
1,1,1,2-Tetrachloroethane	25.6	5.0	ug/l	25.0	ND	102	65-140			
1,1,2,2-Tetrachloroethane	27.0	2.0	ug/l	25.0	ND	108	55-135			
Tetrachloroethene	26.0	2.0	ug/l	25.0	ND	104	65-130			
Toluene	28.4	2.0	ug/l	25.0	ND	114	70-125			
1,2,3-Trichlorobenzene	27.4	5.0	ug/l	25.0	ND	110	60-135			
1,2,4-Trichlorobenzene	28.8	5.0	ug/l	25.0	ND	115	65-135			
1,1,1-Trichloroethane	26.9	2.0	ug/l	25.0	ND	108	65-140			
1,1,2-Trichloroethane	26.8	2.0	ug/l	25.0	ND	107	65-130			
Trichloroethene	25.8	2.0	ug/l	25.0	ND	103	65-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21033 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/21/2008 (8K21033-MS1)					**Source: IRK2233-03**					
Trichlorofluoromethane	27.2	5.0	ug/l	25.0	ND	109	60-145			
1,2,3-Trichloropropane	26.2	10	ug/l	25.0	ND	105	55-135			
1,2,4-Trimethylbenzene	29.3	2.0	ug/l	25.0	ND	117	55-135			
1,3,5-Trimethylbenzene	28.9	2.0	ug/l	25.0	ND	116	70-130			
Vinyl chloride	22.9	5.0	ug/l	25.0	ND	92	45-140			
m,p-Xylenes	58.2	2.0	ug/l	50.0	ND	116	65-130			
o-Xylene	29.4	2.0	ug/l	25.0	ND	118	65-125			
Surrogate: 4-Bromofluorobenzene	*24.1*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Matrix Spike Dup Analyzed: 11/21/2008 (8K21033-MSD1)					**Source: IRK2233-03**					
Benzene	26.6	2.0	ug/l	25.0	ND	107	65-125	1	20	
Bromobenzene	27.0	5.0	ug/l	25.0	ND	108	70-125	2	20	
Bromochloromethane	24.8	5.0	ug/l	25.0	ND	99	65-135	1	25	
Bromodichloromethane	27.7	2.0	ug/l	25.0	ND	111	70-135	3	20	
Bromoform	23.7	5.0	ug/l	25.0	ND	95	55-135	2	25	
Bromomethane	23.3	5.0	ug/l	25.0	ND	93	55-145	2	25	
n-Butylbenzene	29.3	5.0	ug/l	25.0	ND	117	65-135	1	20	
tert-Butylbenzene	28.5	5.0	ug/l	25.0	ND	114	65-130	2	20	
sec-Butylbenzene	29.6	5.0	ug/l	25.0	ND	118	70-125	2	20	
Carbon tetrachloride	27.5	5.0	ug/l	25.0	ND	110	65-140	2	25	
Chlorobenzene	26.6	2.0	ug/l	25.0	ND	106	75-125	2	20	
Chloroethane	23.4	5.0	ug/l	25.0	ND	94	55-140	2	25	
Chloroform	23.9	2.0	ug/l	25.0	ND	96	65-135	1	20	
Chloromethane	23.3	5.0	ug/l	25.0	ND	93	45-145	6	25	
4-Chlorotoluene	29.4	5.0	ug/l	25.0	ND	117	70-135	1	20	
2-Chlorotoluene	28.3	5.0	ug/l	25.0	ND	113	65-135	2	20	
1,2-Dibromo-3-chloropropane	24.7	5.0	ug/l	25.0	ND	99	45-145	2	30	
Dibromochloromethane	25.4	2.0	ug/l	25.0	ND	102	65-140	2	25	
1,2-Dibromoethane (EDB)	27.6	2.0	ug/l	25.0	ND	110	70-130	3	25	
Dibromomethane	25.9	2.0	ug/l	25.0	ND	104	65-135	2	25	
1,2-Dichlorobenzene	28.4	2.0	ug/l	25.0	ND	114	75-125	2	20	
1,3-Dichlorobenzene	27.8	2.0	ug/l	25.0	ND	111	75-125	2	20	
1,4-Dichlorobenzene	27.1	2.0	ug/l	25.0	ND	108	75-125	3	20	
Dichlorodifluoromethane	26.5	5.0	ug/l	25.0	ND	106	25-155	1	30	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21033 Extracted: 11/21/08										
Matrix Spike Dup Analyzed: 11/21/2008 (8K21033-MSD1)					**Source: IRK2233-03**					
1,1-Dichloroethane	25.4	2.0	ug/l	25.0	ND	102	65-130	0	20	
1,2-Dichloroethane	25.9	2.0	ug/l	25.0	ND	104	60-140	1	20	
1,1-Dichloroethene	24.7	5.0	ug/l	25.0	ND	99	60-130	1	20	
cis-1,2-Dichloroethene	26.2	2.0	ug/l	25.0	ND	105	65-130	0	20	
trans-1,2-Dichloroethene	25.9	2.0	ug/l	25.0	ND	104	65-130	1	20	
1,3-Dichloropropane	27.0	2.0	ug/l	25.0	ND	108	65-135	1	25	
2,2-Dichloropropane	30.2	2.0	ug/l	25.0	ND	121	60-145	1	25	
1,2-Dichloropropane	26.8	2.0	ug/l	25.0	ND	107	65-130	2	20	
cis-1,3-Dichloropropene	35.6	2.0	ug/l	25.0	ND	142	70-130	2	20	*M7*
trans-1,3-Dichloropropene	26.1	2.0	ug/l	25.0	ND	105	65-135	3	25	
1,1-Dichloropropene	28.9	2.0	ug/l	25.0	ND	116	70-135	2	20	
Ethylbenzene	28.1	2.0	ug/l	25.0	ND	113	65-130	1	20	
Hexachlorobutadiene	27.2	5.0	ug/l	25.0	ND	109	60-135	1	20	
Isopropylbenzene	28.7	2.0	ug/l	25.0	ND	115	70-135	2	20	
p-Isopropyltoluene	28.8	2.0	ug/l	25.0	ND	115	65-130	2	20	
Methylene chloride	23.3	5.0	ug/l	25.0	ND	93	50-135	2	20	
Naphthalene	30.0	5.0	ug/l	25.0	ND	120	50-140	4	30	
n-Propylbenzene	29.4	2.0	ug/l	25.0	ND	118	70-135	1	20	
Styrene	26.5	2.0	ug/l	25.0	ND	106	50-145	1	30	
1,1,1,2-Tetrachloroethane	26.0	5.0	ug/l	25.0	ND	104	65-140	2	20	
1,1,2,2-Tetrachloroethane	27.4	2.0	ug/l	25.0	ND	110	55-135	2	30	
Tetrachloroethene	26.0	2.0	ug/l	25.0	ND	104	65-130	0	20	
Toluene	28.9	2.0	ug/l	25.0	ND	116	70-125	2	20	
1,2,3-Trichlorobenzene	28.0	5.0	ug/l	25.0	ND	112	60-135	2	20	
1,2,4-Trichlorobenzene	28.9	5.0	ug/l	25.0	ND	116	65-135	1	20	
1,1,1-Trichloroethane	26.9	2.0	ug/l	25.0	ND	108	65-140	0	20	
1,1,2-Trichloroethane	27.3	2.0	ug/l	25.0	ND	109	65-130	2	25	
Trichloroethene	26.1	2.0	ug/l	25.0	ND	105	65-125	1	20	
Trichlorofluoromethane	27.2	5.0	ug/l	25.0	ND	109	60-145	0	25	
1,2,3-Trichloropropane	27.2	10	ug/l	25.0	ND	109	55-135	4	30	
1,2,4-Trimethylbenzene	29.7	2.0	ug/l	25.0	ND	119	55-135	1	25	
1,3,5-Trimethylbenzene	29.3	2.0	ug/l	25.0	ND	117	70-130	1	20	
Vinyl chloride	23.2	5.0	ug/l	25.0	ND	93	45-140	1	30	
m,p-Xylenes	59.1	2.0	ug/l	50.0	ND	118	65-130	2	25	
o-Xylene	29.5	2.0	ug/l	25.0	ND	118	65-125	0	20	
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*97*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21033 Extracted: 11/21/08										
Matrix Spike Dup Analyzed: 11/21/2008 (8K21033-MSD1)					**Source: IRK2233-03**					
Surrogate: Dibromofluoromethane	*22.7*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Batch: 8K21040 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21040-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	100	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21040 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21040-BLK1)										
2,2-Dichloropropane	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2270*		*ug/kg*	*2500*		*91*	*65-140*			
Surrogate: Dibromofluoromethane	*2110*		*ug/kg*	*2500*		*84*	*55-140*			
Surrogate: Toluene-d8	*2310*		*ug/kg*	*2500*		*92*	*60-140*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21040 Extracted: 11/21/08										
LCS Analyzed: 11/21/2008 (8K21040-BS1)										**MNR1**
Benzene	2620	100	ug/kg	2500		105	65-120			
Bromobenzene	2780	250	ug/kg	2500		111	70-120			
Bromochloromethane	2420	250	ug/kg	2500		97	65-125			
Bromodichloromethane	3000	100	ug/kg	2500		120	65-135			
Bromoform	2310	250	ug/kg	2500		93	50-130			
Bromomethane	2620	250	ug/kg	2500		105	30-140			
n-Butylbenzene	3110	250	ug/kg	2500		124	70-130			
tert-Butylbenzene	3060	250	ug/kg	2500		122	70-125			
sec-Butylbenzene	3030	250	ug/kg	2500		121	70-125			
Carbon tetrachloride	3100	100	ug/kg	2500		124	65-145			
Chlorobenzene	2920	100	ug/kg	2500		117	70-125			
Chloroethane	2830	250	ug/kg	2500		113	40-140			
Chloroform	2600	100	ug/kg	2500		104	75-130			
Chloromethane	2760	250	ug/kg	2500		110	30-140			
4-Chlorotoluene	3030	250	ug/kg	2500		121	70-125			
2-Chlorotoluene	2980	250	ug/kg	2500		119	70-125			
1,2-Dibromo-3-chloropropane	2570	250	ug/kg	2500		103	45-135			
Dibromochloromethane	2730	100	ug/kg	2500		109	65-140			
1,2-Dibromoethane (EDB)	2660	100	ug/kg	2500		107	70-130			
Dibromomethane	2660	100	ug/kg	2500		106	65-130			
1,2-Dichlorobenzene	2870	100	ug/kg	2500		115	70-120			
1,3-Dichlorobenzene	2930	100	ug/kg	2500		117	70-125			
1,4-Dichlorobenzene	2860	100	ug/kg	2500		115	70-125			
Dichlorodifluoromethane	2580	200	ug/kg	2500		103	10-155			
1,1-Dichloroethane	2640	100	ug/kg	2500		106	65-130			
1,2-Dichloroethane	2900	100	ug/kg	2500		116	60-145			
1,1-Dichloroethene	2740	250	ug/kg	2500		110	75-140			
cis-1,2-Dichloroethene	2650	100	ug/kg	2500		106	65-130			
trans-1,2-Dichloroethene	2530	100	ug/kg	2500		101	65-130			
1,3-Dichloropropane	2810	100	ug/kg	2500		113	65-130			
2,2-Dichloropropane	3460	100	ug/kg	2500		138	60-145			
1,2-Dichloropropane	2740	100	ug/kg	2500		109	75-125			
cis-1,3-Dichloropropene	3540	100	ug/kg	2500		142	70-130			*L*
trans-1,3-Dichloropropene	2840	100	ug/kg	2500		114	65-135			
1,1-Dichloropropene	3110	100	ug/kg	2500		124	70-130			
Ethylbenzene	2940	100	ug/kg	2500		118	80-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21040 Extracted: 11/21/08										
LCS Analyzed: 11/21/2008 (8K21040-BS1)										**MNR1**
Hexachlorobutadiene	3180	250	ug/kg	2500		127	60-135			
Isopropylbenzene	2940	100	ug/kg	2500		117	70-125			
p-Isopropyltoluene	3070	100	ug/kg	2500		123	70-125			
Methylene chloride	2540	1000	ug/kg	2500		102	60-140			
Naphthalene	2780	250	ug/kg	2500		111	50-140			
n-Propylbenzene	3020	100	ug/kg	2500		121	70-130			
Styrene	3000	100	ug/kg	2500		120	70-135			
1,1,1,2-Tetrachloroethane	3210	250	ug/kg	2500		128	70-140			
1,1,2,2-Tetrachloroethane	2820	100	ug/kg	2500		113	55-135			
Tetrachloroethene	2860	100	ug/kg	2500		114	65-125			
Toluene	2690	100	ug/kg	2500		108	80-120			
1,2,3-Trichlorobenzene	2870	250	ug/kg	2500		115	60-135			
1,2,4-Trichlorobenzene	3010	250	ug/kg	2500		120	65-135			
1,1,1-Trichloroethane	3200	100	ug/kg	2500		128	65-140			
1,1,2-Trichloroethane	2640	100	ug/kg	2500		105	65-130			
Trichloroethene	2770	100	ug/kg	2500		111	70-130			
Trichlorofluoromethane	2580	250	ug/kg	2500		103	50-145			
1,2,3-Trichloropropane	2680	500	ug/kg	2500		107	55-130			
1,2,4-Trimethylbenzene	3160	100	ug/kg	2500		126	70-125			*L*
1,3,5-Trimethylbenzene	3000	100	ug/kg	2500		120	70-125			
Vinyl chloride	1630	100	ug/kg	2500		65	10-120			
m,p-Xylenes	5950	100	ug/kg	5000		119	70-125			
o-Xylene	3000	100	ug/kg	2500		120	70-125			
Surrogate: 4-Bromofluorobenzene	*2490*		*ug/kg*	*2500*		*100*	*65-140*			
Surrogate: Dibromofluoromethane	*2230*		*ug/kg*	*2500*		*89*	*55-140*			
Surrogate: Toluene-d8	*2340*		*ug/kg*	*2500*		*94*	*60-140*			
LCS Dup Analyzed: 11/21/2008 (8K21040-BSD1)										
Benzene	2560	100	ug/kg	2500		102	65-120	2	20	
Bromobenzene	2720	250	ug/kg	2500		109	70-120	2	20	
Bromochloromethane	2400	250	ug/kg	2500		96	65-125	1	20	
Bromodichloromethane	2930	100	ug/kg	2500		117	65-135	2	20	
Bromoform	2280	250	ug/kg	2500		91	50-130	1	25	
Bromomethane	2550	250	ug/kg	2500		102	30-140	3	30	
n-Butylbenzene	3010	250	ug/kg	2500		120	70-130	3	20	
tert-Butylbenzene	2980	250	ug/kg	2500		119	70-125	3	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21040 Extracted: 11/21/08										
LCS Dup Analyzed: 11/21/2008 (8K21040-BSD1)										
sec-Butylbenzene	2980	250	ug/kg	2500		119	70-125	2	20	
Carbon tetrachloride	3020	100	ug/kg	2500		121	65-145	3	20	
Chlorobenzene	2850	100	ug/kg	2500		114	70-125	2	20	
Chloroethane	2780	250	ug/kg	2500		111	40-140	2	25	
Chloroform	2540	100	ug/kg	2500		102	75-130	2	20	
Chloromethane	2660	250	ug/kg	2500		106	30-140	4	25	
4-Chlorotoluene	2970	250	ug/kg	2500		119	70-125	2	20	
2-Chlorotoluene	2900	250	ug/kg	2500		116	70-125	3	20	
1,2-Dibromo-3-chloropropane	2550	250	ug/kg	2500		102	45-135	1	25	
Dibromochloromethane	2700	100	ug/kg	2500		108	65-140	1	20	
1,2-Dibromoethane (EDB)	2680	100	ug/kg	2500		107	70-130	1	20	
Dibromomethane	2640	100	ug/kg	2500		106	65-130	1	20	
1,2-Dichlorobenzene	2830	100	ug/kg	2500		113	70-120	1	20	
1,3-Dichlorobenzene	2860	100	ug/kg	2500		114	70-125	2	20	
1,4-Dichlorobenzene	2790	100	ug/kg	2500		111	70-125	3	20	
Dichlorodifluoromethane	2370	200	ug/kg	2500		95	10-155	8	30	
1,1-Dichloroethane	2560	100	ug/kg	2500		103	65-130	3	20	
1,2-Dichloroethane	2880	100	ug/kg	2500		115	60-145	1	20	
1,1-Dichloroethene	2580	250	ug/kg	2500		103	75-140	6	20	
cis-1,2-Dichloroethene	2580	100	ug/kg	2500		103	65-130	3	20	
trans-1,2-Dichloroethene	2470	100	ug/kg	2500		99	65-130	2	20	
1,3-Dichloropropane	2820	100	ug/kg	2500		113	65-130	0	20	
2,2-Dichloropropane	3250	100	ug/kg	2500		130	60-145	6	25	
1,2-Dichloropropane	2690	100	ug/kg	2500		108	75-125	2	20	
cis-1,3-Dichloropropene	3470	100	ug/kg	2500		139	70-130	2	20	*L*
trans-1,3-Dichloropropene	2800	100	ug/kg	2500		112	65-135	2	20	
1,1-Dichloropropene	3040	100	ug/kg	2500		122	70-130	2	20	
Ethylbenzene	2860	100	ug/kg	2500		115	80-120	3	20	
Hexachlorobutadiene	3090	250	ug/kg	2500		124	60-135	3	20	
Isopropylbenzene	2860	100	ug/kg	2500		114	70-125	3	20	
p-Isopropyltoluene	2990	100	ug/kg	2500		120	70-125	3	20	
Methylene chloride	2490	1000	ug/kg	2500		100	60-140	2	20	
Naphthalene	2740	250	ug/kg	2500		109	50-140	2	25	
n-Propylbenzene	2930	100	ug/kg	2500		117	70-130	3	20	
Styrene	2950	100	ug/kg	2500		118	70-135	2	20	
1,1,1,2-Tetrachloroethane	3160	250	ug/kg	2500		126	70-140	2	20	

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Attention: George Cebula

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21040 Extracted: 11/21/08										
LCS Dup Analyzed: 11/21/2008 (8K21040-BSD1)										
1,1,2,2-Tetrachloroethane	2790	100	ug/kg	2500		111	55-135	1	25	
Tetrachloroethene	2760	100	ug/kg	2500		110	65-125	4	20	
Toluene	2630	100	ug/kg	2500		105	80-120	2	20	
1,2,3-Trichlorobenzene	2810	250	ug/kg	2500		112	60-135	2	20	
1,2,4-Trichlorobenzene	2930	250	ug/kg	2500		117	65-135	3	20	
1,1,1-Trichloroethane	3040	100	ug/kg	2500		122	65-140	5	20	
1,1,2-Trichloroethane	2590	100	ug/kg	2500		104	65-130	2	20	
Trichloroethene	2730	100	ug/kg	2500		109	70-130	2	20	
Trichlorofluoromethane	2440	250	ug/kg	2500		98	50-145	5	25	
1,2,3-Trichloropropane	2670	500	ug/kg	2500		107	55-130	0	25	
1,2,4-Trimethylbenzene	3080	100	ug/kg	2500		123	70-125	2	20	
1,3,5-Trimethylbenzene	2920	100	ug/kg	2500		117	70-125	3	20	
Vinyl chloride	1500	100	ug/kg	2500		60	10-120	8	30	
m,p-Xylenes	5780	100	ug/kg	5000		116	70-125	3	20	
o-Xylene	2930	100	ug/kg	2500		117	70-125	2	20	
Surrogate: 4-Bromofluorobenzene	*2400*		*ug/kg*	*2500*		*96*	*65-140*			
Surrogate: Dibromofluoromethane	*2120*		*ug/kg*	*2500*		*85*	*55-140*			
Surrogate: Toluene-d8	*2260*		*ug/kg*	*2500*		*91*	*60-140*			
Batch: 8K24051 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008 (8K24051-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24051 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008 (8K24051-BLK1)										
4-Chlorotoluene	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24051 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008 (8K24051-BLK1)										
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*22.6*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Dibromofluoromethane	*21.5*		*ug/l*	*25.0*		*86*	*80-120*			
Surrogate: Toluene-d8	*22.1*		*ug/l*	*25.0*		*88*	*80-120*			
LCS Analyzed: 11/24/2008 (8K24051-BS1)										
Benzene	20.2	2.0	ug/l	25.0		81	70-120			
Bromobenzene	22.0	5.0	ug/l	25.0		88	75-120			
Bromochloromethane	19.6	5.0	ug/l	25.0		79	70-130			
Bromodichloromethane	24.7	2.0	ug/l	25.0		99	70-135			
Bromoform	19.6	5.0	ug/l	25.0		78	55-130			
Bromomethane	26.6	5.0	ug/l	25.0		107	65-140			
n-Butylbenzene	24.3	5.0	ug/l	25.0		97	70-130			
tert-Butylbenzene	24.0	5.0	ug/l	25.0		96	70-125			
sec-Butylbenzene	23.8	5.0	ug/l	25.0		95	70-125			
Carbon tetrachloride	26.2	5.0	ug/l	25.0		105	65-140			
Chlorobenzene	22.9	2.0	ug/l	25.0		92	75-120			
Chloroethane	25.0	5.0	ug/l	25.0		100	60-140			
Chloroform	20.9	2.0	ug/l	25.0		84	70-130			
Chloromethane	23.3	5.0	ug/l	25.0		93	50-140			
4-Chlorotoluene	23.9	5.0	ug/l	25.0		96	75-125			
2-Chlorotoluene	23.3	5.0	ug/l	25.0		93	70-125			
1,2-Dibromo-3-chloropropane	23.5	5.0	ug/l	25.0		94	50-135			
Dibromochloromethane	22.7	2.0	ug/l	25.0		91	70-140			
1,2-Dibromoethane (EDB)	22.2	2.0	ug/l	25.0		89	75-125			
Dibromomethane	21.6	2.0	ug/l	25.0		86	70-125			
1,2-Dichlorobenzene	22.8	2.0	ug/l	25.0		91	75-120			
1,3-Dichlorobenzene	22.9	2.0	ug/l	25.0		92	75-120			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24051 Extracted: 11/24/08										
LCS Analyzed: 11/24/2008 (8K24051-BS1)										
1,4-Dichlorobenzene	22.5	2.0	ug/l	25.0		90	75-120			
Dichlorodifluoromethane	22.0	5.0	ug/l	25.0		88	35-155			
1,1-Dichloroethane	21.2	2.0	ug/l	25.0		85	70-125			
1,2-Dichloroethane	23.8	2.0	ug/l	25.0		95	60-140			
1,1-Dichloroethene	23.5	5.0	ug/l	25.0		94	70-125			
cis-1,2-Dichloroethene	20.9	2.0	ug/l	25.0		84	70-125			
trans-1,2-Dichloroethene	22.4	2.0	ug/l	25.0		89	70-125			
1,3-Dichloropropane	22.5	2.0	ug/l	25.0		90	70-120			
2,2-Dichloropropane	27.4	2.0	ug/l	25.0		109	65-140			
1,2-Dichloropropane	21.2	2.0	ug/l	25.0		85	70-125			
cis-1,3-Dichloropropene	27.3	2.0	ug/l	25.0		109	75-125			
trans-1,3-Dichloropropene	22.6	2.0	ug/l	25.0		90	70-125			
1,1-Dichloropropene	24.0	2.0	ug/l	25.0		96	75-130			
Ethylbenzene	22.8	2.0	ug/l	25.0		91	75-125			
Hexachlorobutadiene	25.2	5.0	ug/l	25.0		101	65-135			
Isopropylbenzene	22.9	2.0	ug/l	25.0		92	75-130			
p-Isopropyltoluene	24.2	2.0	ug/l	25.0		97	75-125			
Methylene chloride	19.3	5.0	ug/l	25.0		77	55-130			
Naphthalene	23.6	5.0	ug/l	25.0		94	55-135			
n-Propylbenzene	23.6	2.0	ug/l	25.0		94	75-130			
Styrene	23.1	2.0	ug/l	25.0		93	75-130			
1,1,1,2-Tetrachloroethane	25.6	5.0	ug/l	25.0		102	70-130			
1,1,2,2-Tetrachloroethane	23.3	2.0	ug/l	25.0		93	55-130			
Tetrachloroethene	22.0	2.0	ug/l	25.0		88	70-125			
Toluene	20.8	2.0	ug/l	25.0		83	70-120			
1,2,3-Trichlorobenzene	23.4	5.0	ug/l	25.0		94	65-125			
1,2,4-Trichlorobenzene	24.3	5.0	ug/l	25.0		97	70-135			
1,1,1-Trichloroethane	25.8	2.0	ug/l	25.0		103	65-135			
1,1,2-Trichloroethane	21.0	2.0	ug/l	25.0		84	70-125			
Trichloroethene	21.5	2.0	ug/l	25.0		86	70-125			
Trichlorofluoromethane	25.5	5.0	ug/l	25.0		102	65-145			
1,2,3-Trichloropropane	22.5	10	ug/l	25.0		90	60-130			
1,2,4-Trimethylbenzene	24.7	2.0	ug/l	25.0		99	75-125			
1,3,5-Trimethylbenzene	23.6	2.0	ug/l	25.0		94	75-125			
Vinyl chloride	24.4	5.0	ug/l	25.0		97	55-135			
m,p-Xylenes	45.7	2.0	ug/l	50.0		91	75-125			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24051 Extracted: 11/24/08										
LCS Analyzed: 11/24/2008 (8K24051-BS1)										
o-Xylene	23.4	2.0	ug/l	25.0		93	75-125			
Surrogate: 4-Bromofluorobenzene	*23.1*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*22.0*		*ug/l*	*25.0*		*88*	*80-120*			
Surrogate: Toluene-d8	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
Matrix Spike Analyzed: 11/24/2008 (8K24051-MS1)					**Source: IRK2191-02**					
Benzene	22.4	2.0	ug/l	25.0	ND	90	65-125			
Bromobenzene	23.6	5.0	ug/l	25.0	ND	94	70-125			
Bromochloromethane	22.2	5.0	ug/l	25.0	ND	89	65-135			
Bromodichloromethane	28.0	2.0	ug/l	25.0	ND	112	70-135			
Bromoform	21.4	5.0	ug/l	25.0	ND	85	55-135			
Bromomethane	29.5	5.0	ug/l	25.0	ND	118	55-145			
n-Butylbenzene	26.2	5.0	ug/l	25.0	ND	105	65-135			
tert-Butylbenzene	25.6	5.0	ug/l	25.0	ND	103	65-130			
sec-Butylbenzene	25.7	5.0	ug/l	25.0	ND	103	70-125			
Carbon tetrachloride	27.4	5.0	ug/l	25.0	ND	110	65-140			
Chlorobenzene	25.5	2.0	ug/l	25.0	0.450	100	75-125			
Chloroethane	27.0	5.0	ug/l	25.0	ND	108	55-140			
Chloroform	23.6	2.0	ug/l	25.0	ND	94	65-135			
Chloromethane	26.3	5.0	ug/l	25.0	ND	105	45-145			
4-Chlorotoluene	25.5	5.0	ug/l	25.0	ND	102	70-135			
2-Chlorotoluene	25.0	5.0	ug/l	25.0	ND	100	65-135			
1,2-Dibromo-3-chloropropane	25.3	5.0	ug/l	25.0	ND	101	45-145			
Dibromochloromethane	24.8	2.0	ug/l	25.0	ND	99	65-140			
1,2-Dibromoethane (EDB)	24.3	2.0	ug/l	25.0	ND	97	70-130			
Dibromomethane	24.2	2.0	ug/l	25.0	ND	97	65-135			
1,2-Dichlorobenzene	24.7	2.0	ug/l	25.0	ND	99	75-125			
1,3-Dichlorobenzene	24.7	2.0	ug/l	25.0	ND	99	75-125			
1,4-Dichlorobenzene	24.4	2.0	ug/l	25.0	ND	98	75-125			
Dichlorodifluoromethane	25.4	5.0	ug/l	25.0	ND	101	25-155			
1,1-Dichloroethane	23.4	2.0	ug/l	25.0	ND	94	65-130			
1,2-Dichloroethane	27.1	2.0	ug/l	25.0	ND	108	60-140			
1,1-Dichloroethene	23.6	5.0	ug/l	25.0	ND	95	60-130			
cis-1,2-Dichloroethene	23.7	2.0	ug/l	25.0	ND	95	65-130			
trans-1,2-Dichloroethene	23.6	2.0	ug/l	25.0	ND	94	65-130			
1,3-Dichloropropane	25.0	2.0	ug/l	25.0	ND	100	65-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24051 Extracted: 11/24/08										
Matrix Spike Analyzed: 11/24/2008 (8K24051-MS1)					**Source: IRK2191-02**					
2,2-Dichloropropane	29.6	2.0	ug/l	25.0	ND	118	60-145			
1,2-Dichloropropane	23.8	2.0	ug/l	25.0	ND	95	65-130			
cis-1,3-Dichloropropene	30.2	2.0	ug/l	25.0	ND	121	70-130			
trans-1,3-Dichloropropene	25.2	2.0	ug/l	25.0	ND	101	65-135			
1,1-Dichloropropene	26.3	2.0	ug/l	25.0	ND	105	70-135			
Ethylbenzene	24.8	2.0	ug/l	25.0	ND	99	65-130			
Hexachlorobutadiene	27.2	5.0	ug/l	25.0	ND	109	60-135			
Isopropylbenzene	24.3	2.0	ug/l	25.0	ND	97	70-135			
p-Isopropyltoluene	26.0	2.0	ug/l	25.0	ND	104	65-130			
Methylene chloride	21.4	5.0	ug/l	25.0	ND	86	50-135			
Naphthalene	25.6	5.0	ug/l	25.0	ND	102	50-140			
n-Propylbenzene	25.2	2.0	ug/l	25.0	ND	101	70-135			
Styrene	23.3	2.0	ug/l	25.0	ND	93	50-145			
1,1,1,2-Tetrachloroethane	28.4	5.0	ug/l	25.0	ND	114	65-140			
1,1,2,2-Tetrachloroethane	25.3	2.0	ug/l	25.0	ND	101	55-135			
Tetrachloroethene	34.9	2.0	ug/l	25.0	10.6	97	65-130			
Toluene	23.1	2.0	ug/l	25.0	ND	92	70-125			
1,2,3-Trichlorobenzene	25.4	5.0	ug/l	25.0	ND	101	60-135			
1,2,4-Trichlorobenzene	26.0	5.0	ug/l	25.0	ND	104	65-135			
1,1,1-Trichloroethane	28.0	2.0	ug/l	25.0	ND	112	65-140			
1,1,2-Trichloroethane	23.6	2.0	ug/l	25.0	ND	94	65-130			
Trichloroethene	68.0	2.0	ug/l	25.0	41.2	107	65-125			
Trichlorofluoromethane	26.9	5.0	ug/l	25.0	ND	108	60-145			
1,2,3-Trichloropropane	24.0	10	ug/l	25.0	ND	96	55-135			
1,2,4-Trimethylbenzene	26.1	2.0	ug/l	25.0	ND	105	55-135			
1,3,5-Trimethylbenzene	25.0	2.0	ug/l	25.0	ND	100	70-130			
Vinyl chloride	26.8	5.0	ug/l	25.0	ND	107	45-140			
m,p-Xylenes	49.6	2.0	ug/l	50.0	ND	99	65-130			
o-Xylene	25.5	2.0	ug/l	25.0	ND	102	65-125			
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Dibromofluoromethane	*22.6*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Toluene-d8	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			

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B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24051 Extracted: 11/24/08										
Matrix Spike Dup Analyzed: 11/24/2008 (8K24051-MSD1)					**Source: IRK2191-02**					
Benzene	24.2	2.0	ug/l	25.0	ND	97	65-125	8	20	
Bromobenzene	25.6	5.0	ug/l	25.0	ND	102	70-125	8	20	
Bromochloromethane	24.2	5.0	ug/l	25.0	ND	97	65-135	9	25	
Bromodichloromethane	30.4	2.0	ug/l	25.0	ND	122	70-135	8	20	
Bromoform	23.5	5.0	ug/l	25.0	ND	94	55-135	10	25	
Bromomethane	32.6	5.0	ug/l	25.0	ND	131	55-145	10	25	
n-Butylbenzene	27.4	5.0	ug/l	25.0	ND	110	65-135	4	20	
tert-Butylbenzene	27.4	5.0	ug/l	25.0	ND	110	65-130	7	20	
sec-Butylbenzene	27.2	5.0	ug/l	25.0	ND	109	70-125	6	20	
Carbon tetrachloride	30.8	5.0	ug/l	25.0	ND	123	65-140	12	25	
Chlorobenzene	27.1	2.0	ug/l	25.0	0.450	107	75-125	6	20	
Chloroethane	33.4	5.0	ug/l	25.0	ND	134	55-140	21	25	
Chloroform	25.7	2.0	ug/l	25.0	ND	103	65-135	9	20	
Chloromethane	28.8	5.0	ug/l	25.0	ND	115	45-145	9	25	
4-Chlorotoluene	27.4	5.0	ug/l	25.0	ND	110	70-135	7	20	
2-Chlorotoluene	26.8	5.0	ug/l	25.0	ND	107	65-135	7	20	
1,2-Dibromo-3-chloropropane	27.7	5.0	ug/l	25.0	ND	111	45-145	9	30	
Dibromochloromethane	27.0	2.0	ug/l	25.0	ND	108	65-140	8	25	
1,2-Dibromoethane (EDB)	26.3	2.0	ug/l	25.0	ND	105	70-130	8	25	
Dibromomethane	26.2	2.0	ug/l	25.0	ND	105	65-135	8	25	
1,2-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125	7	20	
1,3-Dichlorobenzene	26.3	2.0	ug/l	25.0	ND	105	75-125	6	20	
1,4-Dichlorobenzene	26.0	2.0	ug/l	25.0	ND	104	75-125	6	20	
Dichlorodifluoromethane	27.6	5.0	ug/l	25.0	ND	110	25-155	8	30	
1,1-Dichloroethane	25.8	2.0	ug/l	25.0	ND	103	65-130	10	20	
1,2-Dichloroethane	28.5	2.0	ug/l	25.0	ND	114	60-140	5	20	
1,1-Dichloroethene	27.4	5.0	ug/l	25.0	ND	109	60-130	15	20	
cis-1,2-Dichloroethene	26.1	2.0	ug/l	25.0	ND	104	65-130	10	20	
trans-1,2-Dichloroethene	23.8	2.0	ug/l	25.0	ND	95	65-130	1	20	
1,3-Dichloropropane	27.1	2.0	ug/l	25.0	ND	108	65-135	8	25	
2,2-Dichloropropane	31.3	2.0	ug/l	25.0	ND	125	60-145	6	25	
1,2-Dichloropropane	25.8	2.0	ug/l	25.0	ND	103	65-130	8	20	
cis-1,3-Dichloropropene	32.6	2.0	ug/l	25.0	ND	130	70-130	8	20	
trans-1,3-Dichloropropene	27.3	2.0	ug/l	25.0	ND	109	65-135	8	25	
1,1-Dichloropropene	28.1	2.0	ug/l	25.0	ND	112	70-135	6	20	
Ethylbenzene	26.5	2.0	ug/l	25.0	ND	106	65-130	7	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24051 Extracted: 11/24/08										
Matrix Spike Dup Analyzed: 11/24/2008 (8K24051-MSD1)					**Source: IRK2191-02**					
Hexachlorobutadiene	28.7	5.0	ug/l	25.0	ND	115	60-135	5	20	
Isopropylbenzene	26.2	2.0	ug/l	25.0	ND	105	70-135	8	20	
p-Isopropyltoluene	27.4	2.0	ug/l	25.0	ND	110	65-130	5	20	
Methylene chloride	24.0	5.0	ug/l	25.0	ND	96	50-135	11	20	
Naphthalene	27.7	5.0	ug/l	25.0	ND	111	50-140	8	30	
n-Propylbenzene	27.0	2.0	ug/l	25.0	ND	108	70-135	7	20	
Styrene	24.5	2.0	ug/l	25.0	ND	98	50-145	5	30	
1,1,1,2-Tetrachloroethane	30.4	5.0	ug/l	25.0	ND	121	65-140	7	20	
1,1,2,2-Tetrachloroethane	27.8	2.0	ug/l	25.0	ND	111	55-135	10	30	
Tetrachloroethene	36.9	2.0	ug/l	25.0	10.6	105	65-130	6	20	
Toluene	25.0	2.0	ug/l	25.0	ND	100	70-125	8	20	
1,2,3-Trichlorobenzene	26.8	5.0	ug/l	25.0	ND	107	60-135	5	20	
1,2,4-Trichlorobenzene	27.4	5.0	ug/l	25.0	ND	110	65-135	5	20	
1,1,1-Trichloroethane	30.8	2.0	ug/l	25.0	ND	123	65-140	9	20	
1,1,2-Trichloroethane	25.5	2.0	ug/l	25.0	ND	102	65-130	8	25	
Trichloroethene	71.2	2.0	ug/l	25.0	41.2	120	65-125	5	20	
Trichlorofluoromethane	30.4	5.0	ug/l	25.0	ND	122	60-145	12	25	
1,2,3-Trichloropropane	26.7	10	ug/l	25.0	ND	107	55-135	11	30	
1,2,4-Trimethylbenzene	27.9	2.0	ug/l	25.0	ND	112	55-135	7	25	
1,3,5-Trimethylbenzene	26.6	2.0	ug/l	25.0	ND	107	70-130	7	20	
Vinyl chloride	30.2	5.0	ug/l	25.0	ND	121	45-140	12	30	
m,p-Xylenes	53.2	2.0	ug/l	50.0	ND	106	65-130	7	25	
o-Xylene	27.0	2.0	ug/l	25.0	ND	108	65-125	6	20	
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Dibromofluoromethane	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19108 Extracted: 11/19/08										
Blank Analyzed: 11/21/2008 (8K19108-BLK1)										
Acenaphthene	ND	10	ug/l							
Acenaphthylene	ND	10	ug/l							
Aniline	ND	10	ug/l							
Anthracene	ND	10	ug/l							
Benzidine	ND	20	ug/l							
Benzo(a)anthracene	ND	10	ug/l							
Benzo(a)pyrene	ND	10	ug/l							
Benzo(b)fluoranthene	ND	10	ug/l							
Benzo(g,h,i)perylene	ND	10	ug/l							
Benzo(k)fluoranthene	ND	10	ug/l							
Benzoic acid	ND	20	ug/l							
Benzyl alcohol	ND	20	ug/l							
4-Bromophenyl phenyl ether	ND	10	ug/l							
Butyl benzyl phthalate	ND	20	ug/l							
4-Chloro-3-methylphenol	ND	20	ug/l							
4-Chloroaniline	ND	10	ug/l							
Bis(2-chloroethoxy)methane	ND	10	ug/l							
Bis(2-chloroethyl)ether	ND	10	ug/l							
Bis(2-chloroisopropyl)ether	ND	10	ug/l							
2-Chloronaphthalene	ND	10	ug/l							
2-Chlorophenol	ND	10	ug/l							
4-Chlorophenyl phenyl ether	ND	10	ug/l							
Chrysene	ND	10	ug/l							
Dibenz(a,h)anthracene	ND	20	ug/l							
Dibenzofuran	ND	10	ug/l							
Di-n-butyl phthalate	ND	20	ug/l							
1,2-Dichlorobenzene	ND	10	ug/l							
1,3-Dichlorobenzene	ND	10	ug/l							
1,4-Dichlorobenzene	ND	10	ug/l							
3,3'-Dichlorobenzidine	ND	20	ug/l							
2,4-Dichlorophenol	ND	10	ug/l							
Diethyl phthalate	ND	10	ug/l							
2,4-Dimethylphenol	ND	20	ug/l							
Dimethyl phthalate	ND	10	ug/l							
4,6-Dinitro-2-methylphenol	ND	20	ug/l							
2,4-Dinitrophenol	ND	20	ug/l							

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19108 Extracted: 11/19/08										
Blank Analyzed: 11/21/2008 (8K19108-BLK1)										
2,4-Dinitrotoluene	ND	10	ug/l							
2,6-Dinitrotoluene	ND	10	ug/l							
Di-n-octyl phthalate	ND	20	ug/l							
1,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l							
Bis(2-ethylhexyl)phthalate	ND	50	ug/l							
Fluoranthene	ND	10	ug/l							
Fluorene	ND	10	ug/l							
Hexachlorobenzene	ND	10	ug/l							
Hexachlorobutadiene	ND	10	ug/l							
Hexachlorocyclopentadiene	ND	20	ug/l							
Hexachloroethane	ND	10	ug/l							
Indeno(1,2,3-cd)pyrene	ND	20	ug/l							
Isophorone	ND	10	ug/l							
2-Methylnaphthalene	ND	10	ug/l							
2-Methylphenol	ND	10	ug/l							
4-Methylphenol	ND	10	ug/l							
Naphthalene	ND	10	ug/l							
2-Nitroaniline	ND	20	ug/l							
3-Nitroaniline	ND	20	ug/l							
4-Nitroaniline	ND	20	ug/l							
Nitrobenzene	ND	20	ug/l							
2-Nitrophenol	ND	10	ug/l							
4-Nitrophenol	ND	20	ug/l							
N-Nitroso-di-n-propylamine	ND	10	ug/l							
N-Nitrosodiphenylamine	ND	10	ug/l							
Pentachlorophenol	ND	20	ug/l							
Phenanthrene	ND	10	ug/l							
Phenol	ND	10	ug/l							
Pyrene	ND	10	ug/l							
1,2,4-Trichlorobenzene	ND	10	ug/l							
2,4,5-Trichlorophenol	ND	20	ug/l							
2,4,6-Trichlorophenol	ND	20	ug/l							
Surrogate: 2,4,6-Tribromophenol	*175*		*ug/l*	*200*		*87*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*82.8*		*ug/l*	*100*		*83*	*50-120*			
Surrogate: 2-Fluorophenol	*134*		*ug/l*	*200*		*67*	*30-120*			
Surrogate: Nitrobenzene-d5	*76.0*		*ug/l*	*100*		*76*	*45-120*			

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Project ID: Oakland
B0031045.0003
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Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19108 Extracted: 11/19/08										
Blank Analyzed: 11/21/2008 (8K19108-BLK1)										
Surrogate: Phenol-d6	*132*		*ug/l*	*200*		*66*	*35-120*			
Surrogate: Terphenyl-d14	*98.7*		*ug/l*	*100*		*99*	*50-125*			
LCS Analyzed: 11/21/2008 (8K19108-BS1)										**MNR**
Acenaphthene	92.3	10	ug/l	100		92	60-120			
Acenaphthylene	91.7	10	ug/l	100		92	60-120			
Aniline	72.5	10	ug/l	100		72	35-120			
Anthracene	98.6	10	ug/l	100		99	65-120			
Benzidine	94.8	20	ug/l	100		95	30-160			
Benzo(a)anthracene	101	10	ug/l	100		101	65-120			
Benzo(a)pyrene	99.3	10	ug/l	100		99	55-130			
Benzo(b)fluoranthene	92.3	10	ug/l	100		92	55-125			
Benzo(g,h,i)perylene	129	10	ug/l	100		129	45-135			
Benzo(k)fluoranthene	99.7	10	ug/l	100		100	50-125			
Benzoic acid	51.5	20	ug/l	100		51	25-120			
Benzyl alcohol	85.3	20	ug/l	100		85	50-120			
4-Bromophenyl phenyl ether	108	10	ug/l	100		108	60-120			
Butyl benzyl phthalate	92.9	20	ug/l	100		93	55-130			
4-Chloro-3-methylphenol	90.2	20	ug/l	100		90	60-120			
4-Chloroaniline	83.7	10	ug/l	100		84	55-120			
Bis(2-chloroethoxy)methane	82.6	10	ug/l	100		83	55-120			
Bis(2-chloroethyl)ether	78.3	10	ug/l	100		78	50-120			
Bis(2-chloroisopropyl)ether	77.0	10	ug/l	100		77	45-120			
2-Chloronaphthalene	91.6	10	ug/l	100		92	60-120			
2-Chlorophenol	80.0	10	ug/l	100		80	45-120			
4-Chlorophenyl phenyl ether	102	10	ug/l	100		102	65-120			
Chrysene	95.3	10	ug/l	100		95	65-120			
Dibenz(a,h)anthracene	123	20	ug/l	100		123	50-135			
Dibenzofuran	93.4	10	ug/l	100		93	65-120			
Di-n-butyl phthalate	107	20	ug/l	100		107	60-125			
1,2-Dichlorobenzene	83.7	10	ug/l	100		84	40-120			
1,3-Dichlorobenzene	78.2	10	ug/l	100		78	35-120			
1,4-Dichlorobenzene	79.1	10	ug/l	100		79	35-120			
3,3'-Dichlorobenzidine	97.8	20	ug/l	100		98	45-135			
2,4-Dichlorophenol	90.4	10	ug/l	100		90	55-120			
Diethyl phthalate	97.0	10	ug/l	100		97	55-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19108 Extracted: 11/19/08										
LCS Analyzed: 11/21/2008 (8K19108-BS1)										**MNR**
2,4-Dimethylphenol	75.9	20	ug/l	100		76	40-120			
Dimethyl phthalate	96.7	10	ug/l	100		97	30-120			
4,6-Dinitro-2-methylphenol	98.0	20	ug/l	100		98	45-120			
2,4-Dinitrophenol	72.5	20	ug/l	100		73	40-120			
2,4-Dinitrotoluene	95.6	10	ug/l	100		96	65-120			
2,6-Dinitrotoluene	92.4	10	ug/l	100		92	65-120			
Di-n-octyl phthalate	99.0	20	ug/l	100		99	65-135			
1,2-Diphenylhydrazine/Azobenzene	89.7	20	ug/l	100		90	60-120			
Bis(2-ethylhexyl)phthalate	96.0	50	ug/l	100		96	65-130			
Fluoranthene	108	10	ug/l	100		108	60-120			
Fluorene	95.2	10	ug/l	100		95	65-120			
Hexachlorobenzene	112	10	ug/l	100		112	60-120			
Hexachlorobutadiene	103	10	ug/l	100		103	40-120			
Hexachlorocyclopentadiene	99.4	20	ug/l	100		99	25-120			
Hexachloroethane	82.9	10	ug/l	100		83	35-120			
Indeno(1,2,3-cd)pyrene	126	20	ug/l	100		126	45-135			
Isophorone	85.2	10	ug/l	100		85	50-120			
2-Methylnaphthalene	94.2	10	ug/l	100		94	55-120			
2-Methylphenol	80.8	10	ug/l	100		81	50-120			
4-Methylphenol	84.4	10	ug/l	100		84	50-120			
Naphthalene	90.7	10	ug/l	100		91	55-120			
2-Nitroaniline	85.9	20	ug/l	100		86	65-120			
3-Nitroaniline	84.5	20	ug/l	100		84	60-120			
4-Nitroaniline	71.3	20	ug/l	100		71	55-125			
Nitrobenzene	84.3	20	ug/l	100		84	55-120			
2-Nitrophenol	89.3	10	ug/l	100		89	50-120			
4-Nitrophenol	76.7	20	ug/l	100		77	45-120			
N-Nitroso-di-n-propylamine	81.1	10	ug/l	100		81	45-120			
N-Nitrosodiphenylamine	93.9	10	ug/l	100		94	60-120			
Pentachlorophenol	96.9	20	ug/l	100		97	50-120			
Phenanthrene	97.1	10	ug/l	100		97	65-120			
Phenol	75.3	10	ug/l	100		75	40-120			
Pyrene	89.1	10	ug/l	100		89	55-125			
1,2,4-Trichlorobenzene	90.8	10	ug/l	100		91	45-120			
2,4,5-Trichlorophenol	96.8	20	ug/l	100		97	55-120			
2,4,6-Trichlorophenol	103	20	ug/l	100		103	55-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19108 Extracted: 11/19/08										
LCS Analyzed: 11/21/2008 (8K19108-BS1)										**MNR**
Surrogate: 2,4,6-Tribromophenol	*186*		*ug/l*	*200*		*93*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*93.1*		*ug/l*	*100*		*93*	*50-120*			
Surrogate: 2-Fluorophenol	*144*		*ug/l*	*200*		*72*	*30-120*			
Surrogate: Nitrobenzene-d5	*84.0*		*ug/l*	*100*		*84*	*45-120*			
Surrogate: Phenol-d6	*150*		*ug/l*	*200*		*75*	*35-120*			
Surrogate: Terphenyl-d14	*96.0*		*ug/l*	*100*		*96*	*50-125*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*6090*		*ug/kg*	*6670*		*91*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2250*		*ug/kg*	*3330*		*67*	*35-120*			
Surrogate: 2-Fluorophenol	*4990*		*ug/kg*	*6670*		*75*	*25-120*			
Surrogate: Nitrobenzene-d5	*2370*		*ug/kg*	*3330*		*71*	*30-120*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
Blank Analyzed: 11/18/2008 (8K18092-BLK1)										
Surrogate: Phenol-d6	*4950*		*ug/kg*	*6670*		*74*	*35-120*			
Surrogate: Terphenyl-d14	*2890*		*ug/kg*	*3330*		*87*	*40-135*			
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
Acenaphthene	2610	330	ug/kg	3330		78	50-120			
Acenaphthylene	2570	330	ug/kg	3330		77	50-120			
Aniline	2380	420	ug/kg	3330		71	25-120			
Anthracene	3270	330	ug/kg	3330		98	55-120			
Benzidine	2500	660	ug/kg	3330		75	20-120			
Benzo(a)anthracene	2980	330	ug/kg	3330		89	55-120			
Benzo(a)pyrene	3160	330	ug/kg	3330		95	50-125			
Benzo(b)fluoranthene	2840	330	ug/kg	3330		85	45-125			
Benzo(g,h,i)perylene	3680	330	ug/kg	3330		110	35-130			
Benzo(k)fluoranthene	3190	330	ug/kg	3330		96	45-125			
Benzoic acid	2690	830	ug/kg	3330		81	20-120			
Benzyl alcohol	2940	330	ug/kg	3330		88	35-120			
4-Bromophenyl phenyl ether	2880	330	ug/kg	3330		87	45-120			
Butyl benzyl phthalate	3750	330	ug/kg	3330		113	50-125			
4-Chloro-3-methylphenol	3360	330	ug/kg	3330		101	50-125			
4-Chloroaniline	2140	330	ug/kg	3330		64	20-120			
Bis(2-chloroethoxy)methane	2670	330	ug/kg	3330		80	45-120			
Bis(2-chloroethyl)ether	2560	170	ug/kg	3330		77	35-120			
Bis(2-chloroisopropyl)ether	2870	330	ug/kg	3330		86	40-120			
2-Chloronaphthalene	2520	330	ug/kg	3330		76	45-120			
2-Chlorophenol	2680	330	ug/kg	3330		80	40-120			
4-Chlorophenyl phenyl ether	2780	330	ug/kg	3330		84	55-120			
Chrysene	3010	330	ug/kg	3330		90	55-120			
Dibenz(a,h)anthracene	3220	420	ug/kg	3330		97	40-135			
Dibenzofuran	2850	330	ug/kg	3330		86	55-120			
Di-n-butyl phthalate	3680	330	ug/kg	3330		110	50-125			
1,2-Dichlorobenzene	2240	330	ug/kg	3330		67	40-120			
1,3-Dichlorobenzene	2010	330	ug/kg	3330		60	35-120			
1,4-Dichlorobenzene	2040	330	ug/kg	3330		61	35-120			
3,3'-Dichlorobenzidine	2330	830	ug/kg	3330		70	20-130			
2,4-Dichlorophenol	3120	330	ug/kg	3330		94	45-120			
Diethyl phthalate	2970	330	ug/kg	3330		89	50-125			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
2,4-Dimethylphenol	2950	330	ug/kg	3330		89	40-120			
Dimethyl phthalate	2850	330	ug/kg	3330		86	50-125			
4,6-Dinitro-2-methylphenol	3060	420	ug/kg	3330		92	40-120			
2,4-Dinitrophenol	2250	660	ug/kg	3330		67	25-120			
2,4-Dinitrotoluene	2990	330	ug/kg	3330		90	55-125			
2,6-Dinitrotoluene	2880	330	ug/kg	3330		86	55-125			
Di-n-octyl phthalate	3530	330	ug/kg	3330		106	50-135			
1,2-Diphenylhydrazine/Azobenzene	2940	330	ug/kg	3330		88	50-125			
Bis(2-ethylhexyl)phthalate	3520	330	ug/kg	3330		106	50-130			
Fluoranthene	3270	330	ug/kg	3330		98	55-120			
Fluorene	2800	330	ug/kg	3330		84	55-120			
Hexachlorobenzene	2610	330	ug/kg	3330		78	50-120			
Hexachlorobutadiene	2370	330	ug/kg	3330		71	40-120			
Hexachlorocyclopentadiene	2220	830	ug/kg	3330		67	30-125			
Hexachloroethane	2080	330	ug/kg	3330		62	40-120			
Indeno(1,2,3-cd)pyrene	3260	330	ug/kg	3330		98	30-135			
Isophorone	2630	330	ug/kg	3330		79	40-120			
2-Methylnaphthalene	2820	330	ug/kg	3330		85	45-120			
2-Methylphenol	2990	330	ug/kg	3330		90	40-120			
4-Methylphenol	2970	330	ug/kg	3330		89	45-120			
Naphthalene	2360	330	ug/kg	3330		71	45-120			
2-Nitroaniline	3600	330	ug/kg	3330		108	50-125			
3-Nitroaniline	2440	330	ug/kg	3330		73	35-120			
4-Nitroaniline	2990	830	ug/kg	3330		90	45-125			
Nitrobenzene	2700	330	ug/kg	3330		81	45-120			
2-Nitrophenol	2610	330	ug/kg	3330		78	45-120			
4-Nitrophenol	2930	830	ug/kg	3330		88	40-125			
N-Nitroso-di-n-propylamine	2800	250	ug/kg	3330		84	40-120			
N-Nitrosodiphenylamine	2950	330	ug/kg	3330		89	50-120			
Pentachlorophenol	2700	830	ug/kg	3330		81	40-120			
Phenanthrene	3280	330	ug/kg	3330		98	50-120			
Phenol	2700	330	ug/kg	3330		81	40-120			
Pyrene	3010	330	ug/kg	3330		90	45-125			
1,2,4-Trichlorobenzene	2350	330	ug/kg	3330		70	40-120			
2,4,5-Trichlorophenol	3040	330	ug/kg	3330		91	50-120			
2,4,6-Trichlorophenol	2820	330	ug/kg	3330		85	50-120			

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18092 Extracted: 11/18/08										
LCS Analyzed: 11/18/2008 (8K18092-BS1)										**MNR**
Surrogate: 2,4,6-Tribromophenol	*5760*		*ug/kg*	*6670*		*86*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2630*		*ug/kg*	*3330*		*79*	*35-120*			
Surrogate: 2-Fluorophenol	*5530*		*ug/kg*	*6670*		*83*	*25-120*			
Surrogate: Nitrobenzene-d5	*2710*		*ug/kg*	*3330*		*81*	*30-120*			
Surrogate: Phenol-d6	*5960*		*ug/kg*	*6670*		*89*	*35-120*			
Surrogate: Terphenyl-d14	*2960*		*ug/kg*	*3330*		*89*	*40-135*			
Batch: 8K19114 Extracted: 11/19/08										
Blank Analyzed: 11/20/2008 (8K19114-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19114 Extracted: 11/19/08										
Blank Analyzed: 11/20/2008 (8K19114-BLK1)										
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19114 Extracted: 11/19/08										
Blank Analyzed: 11/20/2008 (8K19114-BLK1)										
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*5930*		*ug/kg*	*6670*		*89*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2350*		*ug/kg*	*3330*		*71*	*35-120*			
Surrogate: 2-Fluorophenol	*5150*		*ug/kg*	*6670*		*77*	*25-120*			
Surrogate: Nitrobenzene-d5	*2200*		*ug/kg*	*3330*		*66*	*30-120*			
Surrogate: Phenol-d6	*4880*		*ug/kg*	*6670*		*73*	*35-120*			
Surrogate: Terphenyl-d14	*2350*		*ug/kg*	*3330*		*70*	*40-135*			
LCS Analyzed: 11/20/2008 (8K19114-BS1)										
Acenaphthene	2590	330	ug/kg	3330		78	50-120			
Acenaphthylene	2630	330	ug/kg	3330		79	50-120			
Aniline	2370	420	ug/kg	3330		71	25-120			
Anthracene	3130	330	ug/kg	3330		94	55-120			
Benzidine	1320	660	ug/kg	3330		40	20-120			
Benzo(a)anthracene	2860	330	ug/kg	3330		86	55-120			
Benzo(a)pyrene	2780	330	ug/kg	3330		83	50-125			
Benzo(b)fluoranthene	2600	330	ug/kg	3330		78	45-125			
Benzo(g,h,i)perylene	3660	330	ug/kg	3330		110	35-130			
Benzo(k)fluoranthene	2980	330	ug/kg	3330		89	45-125			
Benzoic acid	2610	830	ug/kg	3330		78	20-120			
Benzyl alcohol	3000	330	ug/kg	3330		90	35-120			
4-Bromophenyl phenyl ether	2930	330	ug/kg	3330		88	45-120			
Butyl benzyl phthalate	2800	330	ug/kg	3330		84	50-125			
4-Chloro-3-methylphenol	3050	330	ug/kg	3330		91	50-125			
4-Chloroaniline	2070	330	ug/kg	3330		62	20-120			
Bis(2-chloroethoxy)methane	2690	330	ug/kg	3330		81	45-120			
Bis(2-chloroethyl)ether	2710	170	ug/kg	3330		81	35-120			
Bis(2-chloroisopropyl)ether	2150	330	ug/kg	3330		65	40-120			
2-Chloronaphthalene	2660	330	ug/kg	3330		80	45-120			
2-Chlorophenol	2730	330	ug/kg	3330		82	40-120			
4-Chlorophenyl phenyl ether	2940	330	ug/kg	3330		88	55-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19114 Extracted: 11/19/08										
LCS Analyzed: 11/20/2008 (8K19114-BS1)										
Chrysene	2880	330	ug/kg	3330		86	55-120			
Dibenz(a,h)anthracene	3090	420	ug/kg	3330		93	40-135			
Dibenzofuran	2790	330	ug/kg	3330		84	55-120			
Di-n-butyl phthalate	3440	330	ug/kg	3330		103	50-125			
1,2-Dichlorobenzene	2540	330	ug/kg	3330		76	40-120			
1,3-Dichlorobenzene	2450	330	ug/kg	3330		73	35-120			
1,4-Dichlorobenzene	2430	330	ug/kg	3330		73	35-120			
3,3'-Dichlorobenzidine	2080	830	ug/kg	3330		62	20-130			
2,4-Dichlorophenol	3050	330	ug/kg	3330		91	45-120			
Diethyl phthalate	2620	330	ug/kg	3330		79	50-125			
2,4-Dimethylphenol	2610	330	ug/kg	3330		78	40-120			
Dimethyl phthalate	2890	330	ug/kg	3330		87	50-125			
4,6-Dinitro-2-methylphenol	2800	420	ug/kg	3330		84	40-120			
2,4-Dinitrophenol	2140	660	ug/kg	3330		64	25-120			
2,4-Dinitrotoluene	2890	330	ug/kg	3330		87	55-125			
2,6-Dinitrotoluene	2950	330	ug/kg	3330		89	55-125			
Di-n-octyl phthalate	2640	330	ug/kg	3330		79	50-135			
1,2-Diphenylhydrazine/Azobenzene	2420	330	ug/kg	3330		73	50-125			
Bis(2-ethylhexyl)phthalate	2500	330	ug/kg	3330		75	50-130			
Fluoranthene	3590	330	ug/kg	3330		108	55-120			
Fluorene	2910	330	ug/kg	3330		87	55-120			
Hexachlorobenzene	2930	330	ug/kg	3330		88	50-120			
Hexachlorobutadiene	2590	330	ug/kg	3330		78	40-120			
Hexachlorocyclopentadiene	1990	830	ug/kg	3330		60	30-125			
Hexachloroethane	2320	330	ug/kg	3330		70	40-120			
Indeno(1,2,3-cd)pyrene	3160	330	ug/kg	3330		95	30-135			
Isophorone	2540	330	ug/kg	3330		76	40-120			
2-Methylnaphthalene	2730	330	ug/kg	3330		82	45-120			
2-Methylphenol	2960	330	ug/kg	3330		89	40-120			
4-Methylphenol	3030	330	ug/kg	3330		91	45-120			
Naphthalene	2550	330	ug/kg	3330		76	45-120			
2-Nitroaniline	2640	330	ug/kg	3330		79	50-125			
3-Nitroaniline	2270	330	ug/kg	3330		68	35-120			
4-Nitroaniline	2920	830	ug/kg	3330		88	45-125			
Nitrobenzene	2370	330	ug/kg	3330		71	45-120			
2-Nitrophenol	2760	330	ug/kg	3330		83	45-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19114 Extracted: 11/19/08										
LCS Analyzed: 11/20/2008 (8K19114-BS1)										
4-Nitrophenol	1920	830	ug/kg	3330		58	40-125			
N-Nitroso-di-n-propylamine	2680	250	ug/kg	3330		80	40-120			
N-Nitrosodiphenylamine	2800	330	ug/kg	3330		84	50-120			
Pentachlorophenol	3010	830	ug/kg	3330		90	40-120			
Phenanthrene	3130	330	ug/kg	3330		94	50-120			
Phenol	2730	330	ug/kg	3330		82	40-120			
Pyrene	2560	330	ug/kg	3330		77	45-125			
1,2,4-Trichlorobenzene	2500	330	ug/kg	3330		75	40-120			
2,4,5-Trichlorophenol	2940	330	ug/kg	3330		88	50-120			
2,4,6-Trichlorophenol	2810	330	ug/kg	3330		84	50-120			
Surrogate: 2,4,6-Tribromophenol	*5500*		*ug/kg*	*6670*		*82*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2660*		*ug/kg*	*3330*		*80*	*35-120*			
Surrogate: 2-Fluorophenol	*5760*		*ug/kg*	*6670*		*86*	*25-120*			
Surrogate: Nitrobenzene-d5	*2400*		*ug/kg*	*3330*		*72*	*30-120*			
Surrogate: Phenol-d6	*5910*		*ug/kg*	*6670*		*89*	*35-120*			
Surrogate: Terphenyl-d14	*2360*		*ug/kg*	*3330*		*71*	*40-135*			
Matrix Spike Analyzed: 11/20/2008 (8K19114-MS1)					**Source: IRK1643-06**					
Acenaphthene	2480	330	ug/kg	3330	ND	74	45-120			
Acenaphthylene	2580	330	ug/kg	3330	ND	77	45-120			
Aniline	2420	420	ug/kg	3330	ND	73	25-120			
Anthracene	3010	330	ug/kg	3330	ND	90	55-120			
Benzidine	1520	660	ug/kg	3330	ND	46	20-120			
Benzo(a)anthracene	2710	330	ug/kg	3330	ND	81	50-120			
Benzo(a)pyrene	2620	330	ug/kg	3330	ND	79	45-125			
Benzo(b)fluoranthene	2420	330	ug/kg	3330	ND	73	45-125			
Benzo(g,h,i)perylene	3410	330	ug/kg	3330	ND	102	25-130			
Benzo(k)fluoranthene	2760	330	ug/kg	3330	ND	83	45-125			
Benzoic acid	1050	830	ug/kg	3330	335	21	20-120			
Benzyl alcohol	3050	330	ug/kg	3330	ND	92	20-120			
4-Bromophenyl phenyl ether	2900	330	ug/kg	3330	ND	87	45-120			
Butyl benzyl phthalate	2770	330	ug/kg	3330	ND	83	45-125			
4-Chloro-3-methylphenol	2950	330	ug/kg	3330	ND	89	50-125			
4-Chloroaniline	2100	330	ug/kg	3330	ND	63	20-120			
Bis(2-chloroethoxy)methane	2670	330	ug/kg	3330	ND	80	45-120			
Bis(2-chloroethyl)ether	2810	170	ug/kg	3330	ND	84	35-110			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19114 Extracted: 11/19/08										
Matrix Spike Analyzed: 11/20/2008 (8K19114-MS1)					**Source: IRK1643-06**					
Bis(2-chloroisopropyl)ether	2130	330	ug/kg	3330	ND	64	40-120			
2-Chloronaphthalene	2650	330	ug/kg	3330	ND	80	45-120			
2-Chlorophenol	2890	330	ug/kg	3330	ND	87	40-120			
4-Chlorophenyl phenyl ether	2810	330	ug/kg	3330	ND	84	50-120			
Chrysene	2760	330	ug/kg	3330	ND	83	55-120			
Dibenz(a,h)anthracene	2840	420	ug/kg	3330	ND	85	25-135			
Dibenzofuran	2740	330	ug/kg	3330	ND	82	50-120			
Di-n-butyl phthalate	3460	330	ug/kg	3330	ND	104	50-125			
1,2-Dichlorobenzene	2560	330	ug/kg	3330	ND	77	40-120			
1,3-Dichlorobenzene	2370	330	ug/kg	3330	ND	71	35-120			
1,4-Dichlorobenzene	2400	330	ug/kg	3330	ND	72	35-120			
3,3'-Dichlorobenzidine	1950	830	ug/kg	3330	ND	58	20-130			
2,4-Dichlorophenol	3130	330	ug/kg	3330	ND	94	45-120			
Diethyl phthalate	2570	330	ug/kg	3330	ND	77	50-125			
2,4-Dimethylphenol	2730	330	ug/kg	3330	ND	82	30-120			
Dimethyl phthalate	2750	330	ug/kg	3330	ND	83	45-125			
4,6-Dinitro-2-methylphenol	2440	420	ug/kg	3330	ND	73	35-120			
2,4-Dinitrophenol	1880	660	ug/kg	3330	ND	56	20-120			
2,4-Dinitrotoluene	2770	330	ug/kg	3330	ND	83	50-125			
2,6-Dinitrotoluene	2770	330	ug/kg	3330	ND	83	50-125			
Di-n-octyl phthalate	2650	330	ug/kg	3330	ND	79	50-135			
1,2-Diphenylhydrazine/Azobenzene	2280	330	ug/kg	3330	ND	68	50-125			
Bis(2-ethylhexyl)phthalate	2470	330	ug/kg	3330	ND	74	45-130			
Fluoranthene	3470	330	ug/kg	3330	ND	104	45-120			
Fluorene	2790	330	ug/kg	3330	ND	84	50-120			
Hexachlorobenzene	2860	330	ug/kg	3330	ND	86	50-120			
Hexachlorobutadiene	2680	330	ug/kg	3330	ND	80	40-120			
Hexachlorocyclopentadiene	1870	830	ug/kg	3330	ND	56	20-125			
Hexachloroethane	2350	330	ug/kg	3330	ND	71	35-120			
Indeno(1,2,3-cd)pyrene	3000	330	ug/kg	3330	ND	90	20-130			
Isophorone	2510	330	ug/kg	3330	ND	75	40-120			
2-Methylnaphthalene	2760	330	ug/kg	3330	ND	83	40-120			
2-Methylphenol	3100	330	ug/kg	3330	ND	93	40-120			
4-Methylphenol	3120	330	ug/kg	3330	ND	94	45-120			
Naphthalene	2560	330	ug/kg	3330	ND	77	40-120			
2-Nitroaniline	2570	330	ug/kg	3330	ND	77	45-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19114 Extracted: 11/19/08										
Matrix Spike Analyzed: 11/20/2008 (8K19114-MS1)					**Source: IRK1643-06**					
3-Nitroaniline	2230	330	ug/kg	3330	ND	67	30-120			
4-Nitroaniline	2840	830	ug/kg	3330	ND	85	40-125			
Nitrobenzene	2330	330	ug/kg	3330	ND	70	40-120			
2-Nitrophenol	2740	330	ug/kg	3330	ND	82	40-120			
4-Nitrophenol	1980	830	ug/kg	3330	ND	60	35-125			
N-Nitroso-di-n-propylamine	2800	250	ug/kg	3330	ND	84	35-120			
N-Nitrosodiphenylamine	2680	330	ug/kg	3330	ND	80	45-125			
Pentachlorophenol	2370	830	ug/kg	3330	ND	71	30-120			
Phenanthrene	3060	330	ug/kg	3330	ND	92	50-120			
Phenol	2810	330	ug/kg	3330	ND	84	40-120			
Pyrene	2460	330	ug/kg	3330	ND	74	40-125			
1,2,4-Trichlorobenzene	2510	330	ug/kg	3330	ND	75	40-120			
2,4,5-Trichlorophenol	2880	330	ug/kg	3330	ND	86	45-120			
2,4,6-Trichlorophenol	2590	330	ug/kg	3330	ND	78	45-120			
Surrogate: 2,4,6-Tribromophenol	*4850*		*ug/kg*	*6670*		*73*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2580*		*ug/kg*	*3330*		*77*	*35-120*			
Surrogate: 2-Fluorophenol	*6000*		*ug/kg*	*6670*		*90*	*25-120*			
Surrogate: Nitrobenzene-d5	*2370*		*ug/kg*	*3330*		*71*	*30-120*			
Surrogate: Phenol-d6	*6050*		*ug/kg*	*6670*		*91*	*35-120*			
Surrogate: Terphenyl-d14	*2300*		*ug/kg*	*3330*		*69*	*40-135*			
Matrix Spike Dup Analyzed: 11/20/2008 (8K19114-MSD1)					**Source: IRK1643-06**					
Acenaphthene	2700	330	ug/kg	3330	ND	81	45-120	9	25	
Acenaphthylene	2780	330	ug/kg	3330	ND	83	45-120	7	20	
Aniline	2730	420	ug/kg	3330	ND	82	25-120	12	30	
Anthracene	3280	330	ug/kg	3330	ND	98	55-120	9	25	
Benzidine	1850	660	ug/kg	3330	ND	56	20-120	20	30	
Benzo(a)anthracene	2870	330	ug/kg	3330	ND	86	50-120	6	25	
Benzo(a)pyrene	2830	330	ug/kg	3330	ND	85	45-125	8	25	
Benzo(b)fluoranthene	2720	330	ug/kg	3330	ND	82	45-125	12	30	
Benzo(g,h,i)perylene	3610	330	ug/kg	3330	ND	108	25-130	6	30	
Benzo(k)fluoranthene	2860	330	ug/kg	3330	ND	86	45-125	4	30	
Benzoic acid	978	830	ug/kg	3330	335	19	20-120	7	30	*M2*
Benzyl alcohol	3180	330	ug/kg	3330	ND	95	20-120	4	30	
4-Bromophenyl phenyl ether	3110	330	ug/kg	3330	ND	93	45-120	7	20	
Butyl benzyl phthalate	2940	330	ug/kg	3330	ND	88	45-125	6	25	

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19114 Extracted: 11/19/08										
Matrix Spike Dup Analyzed: 11/20/2008 (8K19114-MSD1)					**Source: IRK1643-06**					
4-Chloro-3-methylphenol	3270	330	ug/kg	3330	ND	98	50-125	10	25	
4-Chloroaniline	2390	330	ug/kg	3330	ND	72	20-120	13	30	
Bis(2-chloroethoxy)methane	2940	330	ug/kg	3330	ND	88	45-120	9	25	
Bis(2-chloroethyl)ether	2910	170	ug/kg	3330	ND	87	35-110	3	25	
Bis(2-chloroisopropyl)ether	2220	330	ug/kg	3330	ND	67	40-120	4	25	
2-Chloronaphthalene	2870	330	ug/kg	3330	ND	86	45-120	8	20	
2-Chlorophenol	3060	330	ug/kg	3330	ND	92	40-120	6	20	
4-Chlorophenyl phenyl ether	3060	330	ug/kg	3330	ND	92	50-120	8	25	
Chrysene	2830	330	ug/kg	3330	ND	85	55-120	3	25	
Dibenz(a,h)anthracene	2990	420	ug/kg	3330	ND	90	25-135	5	30	
Dibenzofuran	2970	330	ug/kg	3330	ND	89	50-120	8	25	
Di-n-butyl phthalate	3590	330	ug/kg	3330	ND	108	50-125	4	25	
1,2-Dichlorobenzene	2720	330	ug/kg	3330	ND	82	40-120	6	25	
1,3-Dichlorobenzene	2540	330	ug/kg	3330	ND	76	35-120	7	25	
1,4-Dichlorobenzene	2550	330	ug/kg	3330	ND	76	35-120	6	25	
3,3'-Dichlorobenzidine	2130	830	ug/kg	3330	ND	64	20-130	9	25	
2,4-Dichlorophenol	3350	330	ug/kg	3330	ND	100	45-120	7	25	
Diethyl phthalate	2780	330	ug/kg	3330	ND	83	50-125	8	25	
2,4-Dimethylphenol	3010	330	ug/kg	3330	ND	90	30-120	10	25	
Dimethyl phthalate	2990	330	ug/kg	3330	ND	90	45-125	8	25	
4,6-Dinitro-2-methylphenol	2600	420	ug/kg	3330	ND	78	35-120	6	25	
2,4-Dinitrophenol	2020	660	ug/kg	3330	ND	61	20-120	7	25	
2,4-Dinitrotoluene	2980	330	ug/kg	3330	ND	90	50-125	7	25	
2,6-Dinitrotoluene	2990	330	ug/kg	3330	ND	90	50-125	8	20	
Di-n-octyl phthalate	2730	330	ug/kg	3330	ND	82	50-135	3	25	
1,2-Diphenylhydrazine/Azobenzene	2470	330	ug/kg	3330	ND	74	50-125	8	25	
Bis(2-ethylhexyl)phthalate	2540	330	ug/kg	3330	ND	76	45-130	3	25	
Fluoranthene	3680	330	ug/kg	3330	ND	110	45-120	6	25	
Fluorene	3030	330	ug/kg	3330	ND	91	50-120	8	25	
Hexachlorobenzene	3020	330	ug/kg	3330	ND	91	50-120	6	25	
Hexachlorobutadiene	2840	330	ug/kg	3330	ND	85	40-120	6	25	
Hexachlorocyclopentadiene	1870	830	ug/kg	3330	ND	56	20-125	0	30	
Hexachloroethane	2570	330	ug/kg	3330	ND	77	35-120	9	30	
Indeno(1,2,3-cd)pyrene	3100	330	ug/kg	3330	ND	93	20-130	3	30	
Isophorone	2680	330	ug/kg	3330	ND	80	40-120	7	25	
2-Methylnaphthalene	2980	330	ug/kg	3330	ND	89	40-120	7	20	

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K19114 Extracted: 11/19/08										
Matrix Spike Dup Analyzed: 11/20/2008 (8K19114-MSD1)					**Source: IRK1643-06**					
2-Methylphenol	3250	330	ug/kg	3330	ND	97	40-120	5	25	
4-Methylphenol	3240	330	ug/kg	3330	ND	97	45-120	4	25	
Naphthalene	2790	330	ug/kg	3330	ND	84	40-120	9	25	
2-Nitroaniline	2740	330	ug/kg	3330	ND	82	45-120	6	25	
3-Nitroaniline	2510	330	ug/kg	3330	ND	75	30-120	12	25	
4-Nitroaniline	3050	830	ug/kg	3330	ND	91	40-125	7	30	
Nitrobenzene	2520	330	ug/kg	3330	ND	76	40-120	8	25	
2-Nitrophenol	2950	330	ug/kg	3330	ND	89	40-120	8	25	
4-Nitrophenol	2140	830	ug/kg	3330	ND	64	35-125	7	30	
N-Nitroso-di-n-propylamine	2820	250	ug/kg	3330	ND	84	35-120	1	25	
N-Nitrosodiphenylamine	2900	330	ug/kg	3330	ND	87	45-125	8	25	
Pentachlorophenol	2490	830	ug/kg	3330	ND	75	30-120	5	25	
Phenanthrene	3270	330	ug/kg	3330	ND	98	50-120	6	25	
Phenol	2930	330	ug/kg	3330	ND	88	40-120	4	25	
Pyrene	2640	330	ug/kg	3330	ND	79	40-125	7	30	
1,2,4-Trichlorobenzene	2710	330	ug/kg	3330	ND	81	40-120	8	25	
2,4,5-Trichlorophenol	3100	330	ug/kg	3330	ND	93	45-120	7	20	
2,4,6-Trichlorophenol	2850	330	ug/kg	3330	ND	86	45-120	10	25	
Surrogate: 2,4,6-Tribromophenol	*5130*		*ug/kg*	*6670*		*77*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2740*		*ug/kg*	*3330*		*82*	*35-120*			
Surrogate: 2-Fluorophenol	*6270*		*ug/kg*	*6670*		*94*	*25-120*			
Surrogate: Nitrobenzene-d5	*2520*		*ug/kg*	*3330*		*76*	*30-120*			
Surrogate: Phenol-d6	*6240*		*ug/kg*	*6670*		*94*	*35-120*			
Surrogate: Terphenyl-d14	*2390*		*ug/kg*	*3330*		*72*	*40-135*			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Blank Analyzed: 11/24/2008 (8K22063-BLK1)										
Acenaphthene	ND	0.050	mg/l							
Acenaphthylene	ND	0.050	mg/l							
Aniline	ND	0.050	mg/l							
Anthracene	ND	0.050	mg/l							
Benzidine	ND	0.50	mg/l							
Benzo(a)anthracene	ND	0.050	mg/l							
Benzo(a)pyrene	ND	0.050	mg/l							
Benzo(b)fluoranthene	ND	0.050	mg/l							
Benzo(g,h,i)perylene	ND	0.050	mg/l							
Benzo(k)fluoranthene	ND	0.050	mg/l							
Benzoic acid	ND	0.50	mg/l							
Benzyl alcohol	ND	0.10	mg/l							
4-Bromophenyl phenyl ether	ND	0.050	mg/l							
Butyl benzyl phthalate	ND	0.10	mg/l							
4-Chloro-3-methylphenol	ND	0.10	mg/l							
4-Chloroaniline	ND	0.050	mg/l							
Bis(2-chloroethoxy)methane	ND	0.050	mg/l							
Bis(2-chloroethyl)ether	ND	0.050	mg/l							
Bis(2-chloroisopropyl)ether	ND	0.050	mg/l							
2-Chloronaphthalene	ND	0.050	mg/l							
2-Chlorophenol	ND	0.050	mg/l							
4-Chlorophenyl phenyl ether	ND	0.050	mg/l							
Chrysene	ND	0.050	mg/l							
Dibenz(a,h)anthracene	ND	0.10	mg/l							
Dibenzofuran	ND	0.050	mg/l							
Di-n-butyl phthalate	ND	0.10	mg/l							
1,2-Dichlorobenzene	ND	0.050	mg/l							
1,3-Dichlorobenzene	ND	0.050	mg/l							
1,4-Dichlorobenzene	ND	0.050	mg/l							
3,3'-Dichlorobenzidine	ND	0.20	mg/l							
2,4-Dichlorophenol	ND	0.050	mg/l							
Diethyl phthalate	ND	0.050	mg/l							
2,4-Dimethylphenol	ND	0.10	mg/l							
Dimethyl phthalate	ND	0.050	mg/l							
4,6-Dinitro-2-methylphenol	ND	0.20	mg/l							
2,4-Dinitrophenol	ND	0.50	mg/l							

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Blank Analyzed: 11/24/2008 (8K22063-BLK1)										
2,4-Dinitrotoluene	ND	0.050	mg/l							
2,6-Dinitrotoluene	ND	0.050	mg/l							
Di-n-octyl phthalate	ND	0.20	mg/l							
1,2-Diphenylhydrazine/Azobenzene	ND	0.10	mg/l							
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/l							
Fluoranthene	ND	0.050	mg/l							
Fluorene	ND	0.050	mg/l							
Hexachlorobenzene	ND	0.050	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Hexachlorocyclopentadiene	ND	0.20	mg/l							
Hexachloroethane	ND	0.050	mg/l							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/l							
Isophorone	ND	0.050	mg/l							
2-Methylnaphthalene	ND	0.050	mg/l							
2-Methylphenol	ND	0.050	mg/l							
4-Methylphenol	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
2-Nitroaniline	ND	0.10	mg/l							
3-Nitroaniline	ND	0.10	mg/l							
4-Nitroaniline	ND	0.50	mg/l							
Nitrobenzene	ND	0.20	mg/l							
2-Nitrophenol	ND	0.050	mg/l							
4-Nitrophenol	ND	0.50	mg/l							
N-Nitroso-di-n-propylamine	ND	0.10	mg/l							
N-Nitrosodiphenylamine	ND	0.050	mg/l							
Pentachlorophenol	ND	0.20	mg/l							
Phenanthrene	ND	0.050	mg/l							
Phenol	ND	0.050	mg/l							
Pyrene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
2,4,5-Trichlorophenol	ND	0.10	mg/l							
2,4,6-Trichlorophenol	ND	0.10	mg/l							
Surrogate: 2,4,6-Tribromophenol	*1.01*		*mg/l*	*1.00*		*101*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.388*		*mg/l*	*0.500*		*78*	*45-120*			
Surrogate: 2-Fluorophenol	*0.644*		*mg/l*	*1.00*		*64*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.373*		*mg/l*	*0.500*		*75*	*40-120*			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Blank Analyzed: 11/24/2008 (8K22063-BLK1)										
Surrogate: Phenol-d6	*0.719*		*mg/l*	*1.00*		*72*	*45-120*			
Surrogate: Terphenyl-d14	*0.373*		*mg/l*	*0.500*		*75*	*45-135*			
LCS Analyzed: 11/24/2008 (8K22063-BS1)										
Acenaphthene	0.364	0.050	mg/l	0.500		73	60-120			
Acenaphthylene	0.369	0.050	mg/l	0.500		74	60-120			
Aniline	0.368	0.050	mg/l	0.500		74	35-120			
Anthracene	0.459	0.050	mg/l	0.500		92	65-120			
Benzidine	0.336	0.50	mg/l	0.500		67	30-160			
Benzo(a)anthracene	0.425	0.050	mg/l	0.500		85	65-120			
Benzo(a)pyrene	0.406	0.050	mg/l	0.500		81	55-130			
Benzo(b)fluoranthene	0.392	0.050	mg/l	0.500		78	55-125			
Benzo(g,h,i)perylene	0.501	0.050	mg/l	0.500		100	45-135			
Benzo(k)fluoranthene	0.430	0.050	mg/l	0.500		86	50-125			
Benzoic acid	0.323	0.50	mg/l	0.500		65	25-120			
Benzyl alcohol	0.392	0.10	mg/l	0.500		78	50-120			
4-Bromophenyl phenyl ether	0.473	0.050	mg/l	0.500		95	60-120			
Butyl benzyl phthalate	0.454	0.10	mg/l	0.500		91	55-130			
4-Chloro-3-methylphenol	0.420	0.10	mg/l	0.500		84	60-120			
4-Chloroaniline	0.408	0.050	mg/l	0.500		82	55-120			
Bis(2-chloroethoxy)methane	0.391	0.050	mg/l	0.500		78	55-120			
Bis(2-chloroethyl)ether	0.390	0.050	mg/l	0.500		78	50-120			
Bis(2-chloroisopropyl)ether	0.328	0.050	mg/l	0.500		66	45-120			
2-Chloronaphthalene	0.376	0.050	mg/l	0.500		75	60-120			
2-Chlorophenol	0.321	0.050	mg/l	0.500		64	45-120			
4-Chlorophenyl phenyl ether	0.411	0.050	mg/l	0.500		82	65-120			
Chrysene	0.426	0.050	mg/l	0.500		85	65-120			
Dibenz(a,h)anthracene	0.439	0.10	mg/l	0.500		88	50-135			
Dibenzofuran	0.394	0.050	mg/l	0.500		79	65-120			
Di-n-butyl phthalate	0.499	0.10	mg/l	0.500		100	60-125			
1,2-Dichlorobenzene	0.334	0.050	mg/l	0.500		67	40-120			
1,3-Dichlorobenzene	0.316	0.050	mg/l	0.500		63	35-120			
1,4-Dichlorobenzene	0.316	0.050	mg/l	0.500		63	35-120			
3,3'-Dichlorobenzidine	0.331	0.20	mg/l	0.500		66	45-135			
2,4-Dichlorophenol	0.395	0.050	mg/l	0.500		79	55-120			
Diethyl phthalate	0.411	0.050	mg/l	0.500		82	55-120			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
LCS Analyzed: 11/24/2008 (8K22063-BS1)										
2,4-Dimethylphenol	0.344	0.10	mg/l	0.500		69	40-120			
Dimethyl phthalate	0.419	0.050	mg/l	0.500		84	30-120			
4,6-Dinitro-2-methylphenol	0.384	0.20	mg/l	0.500		77	45-120			
2,4-Dinitrophenol	0.262	0.50	mg/l	0.500		52	40-120			
2,4-Dinitrotoluene	0.439	0.050	mg/l	0.500		88	65-120			
2,6-Dinitrotoluene	0.411	0.050	mg/l	0.500		82	65-120			
Di-n-octyl phthalate	0.420	0.20	mg/l	0.500		84	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.357	0.10	mg/l	0.500		71	60-120			
Bis(2-ethylhexyl)phthalate	0.390	0.25	mg/l	0.500		78	65-130			
Fluoranthene	0.517	0.050	mg/l	0.500		103	60-120			
Fluorene	0.414	0.050	mg/l	0.500		83	65-120			
Hexachlorobenzene	0.470	0.050	mg/l	0.500		94	60-120			
Hexachlorobutadiene	0.365	0.050	mg/l	0.500		73	40-120			
Hexachlorocyclopentadiene	0.256	0.20	mg/l	0.500		51	25-120			
Hexachloroethane	0.305	0.050	mg/l	0.500		61	35-120			
Indeno(1,2,3-cd)pyrene	0.430	0.10	mg/l	0.500		86	45-135			
Isophorone	0.397	0.050	mg/l	0.500		79	50-120			
2-Methylnaphthalene	0.383	0.050	mg/l	0.500		77	55-120			
2-Methylphenol	0.372	0.050	mg/l	0.500		74	50-120			
4-Methylphenol	0.383	0.050	mg/l	0.500		77	50-120			
Naphthalene	0.352	0.050	mg/l	0.500		70	55-120			
2-Nitroaniline	0.393	0.10	mg/l	0.500		79	65-120			
3-Nitroaniline	0.424	0.10	mg/l	0.500		85	60-120			
4-Nitroaniline	0.431	0.50	mg/l	0.500		86	55-125			
Nitrobenzene	0.351	0.20	mg/l	0.500		70	55-120			
2-Nitrophenol	0.371	0.050	mg/l	0.500		74	50-120			
4-Nitrophenol	0.310	0.50	mg/l	0.500		62	45-120			
N-Nitroso-di-n-propylamine	0.412	0.10	mg/l	0.500		82	45-120			
N-Nitrosodiphenylamine	0.456	0.050	mg/l	0.500		91	60-120			
Pentachlorophenol	0.398	0.20	mg/l	0.500		80	50-120			
Phenanthrene	0.468	0.050	mg/l	0.500		94	65-120			
Phenol	0.297	0.050	mg/l	0.500		59	40-120			
Pyrene	0.409	0.050	mg/l	0.500		82	55-125			
1,2,4-Trichlorobenzene	0.340	0.050	mg/l	0.500		68	45-120			
2,4,5-Trichlorophenol	0.427	0.10	mg/l	0.500		85	55-120			
2,4,6-Trichlorophenol	0.395	0.10	mg/l	0.500		79	55-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
LCS Analyzed: 11/24/2008 (8K22063-BS1)										
Surrogate: 2,4,6-Tribromophenol	*0.867*		*mg/l*	*1.00*		*87*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.350*		*mg/l*	*0.500*		*70*	*45-120*			
Surrogate: 2-Fluorophenol	*0.498*		*mg/l*	*1.00*		*50*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.320*		*mg/l*	*0.500*		*64*	*40-120*			
Surrogate: Phenol-d6	*0.579*		*mg/l*	*1.00*		*58*	*45-120*			
Surrogate: Terphenyl-d14	*0.351*		*mg/l*	*0.500*		*70*	*45-135*			
Matrix Spike Analyzed: 11/24/2008 (8K22063-MS1)					**Source: IRK1526-01**					
Acenaphthene	0.497	0.050	mg/l	0.500	ND	99	60-120			
Acenaphthylene	0.502	0.050	mg/l	0.500	ND	100	60-120			
Aniline	0.397	0.050	mg/l	0.500	ND	79	35-120			
Anthracene	0.601	0.050	mg/l	0.500	ND	120	65-120			
Benzidine	0.113	0.50	mg/l	0.500	ND	23	30-160			*M2*
Benzo(a)anthracene	0.550	0.050	mg/l	0.500	ND	110	65-120			
Benzo(a)pyrene	0.522	0.050	mg/l	0.500	ND	104	55-130			
Benzo(b)fluoranthene	0.517	0.050	mg/l	0.500	ND	103	55-125			
Benzo(g,h,i)perylene	0.587	0.050	mg/l	0.500	ND	117	45-135			
Benzo(k)fluoranthene	0.549	0.050	mg/l	0.500	ND	110	55-125			
Benzoic acid	0.493	0.50	mg/l	0.500	0.0592	87	25-125			
Benzyl alcohol	0.554	0.10	mg/l	0.500	ND	111	40-120			
4-Bromophenyl phenyl ether	0.632	0.050	mg/l	0.500	ND	126	60-120			*M1*
Butyl benzyl phthalate	0.604	0.10	mg/l	0.500	ND	121	55-130			
4-Chloro-3-methylphenol	0.553	0.10	mg/l	0.500	ND	111	60-120			
4-Chloroaniline	0.510	0.050	mg/l	0.500	ND	102	55-120			
Bis(2-chloroethoxy)methane	0.539	0.050	mg/l	0.500	ND	108	50-120			
Bis(2-chloroethyl)ether	0.532	0.050	mg/l	0.500	ND	106	50-120			
Bis(2-chloroisopropyl)ether	0.445	0.050	mg/l	0.500	ND	89	45-120			
2-Chloronaphthalene	0.527	0.050	mg/l	0.500	ND	105	60-120			
2-Chlorophenol	0.468	0.050	mg/l	0.500	ND	94	45-120			
4-Chlorophenyl phenyl ether	0.553	0.050	mg/l	0.500	ND	111	65-120			
Chrysene	0.541	0.050	mg/l	0.500	ND	108	65-120			
Dibenz(a,h)anthracene	0.523	0.10	mg/l	0.500	ND	105	45-135			
Dibenzofuran	0.531	0.050	mg/l	0.500	ND	106	65-120			
Di-n-butyl phthalate	0.659	0.10	mg/l	0.500	ND	132	60-125			*M1*
1,2-Dichlorobenzene	0.478	0.050	mg/l	0.500	ND	96	40-120			
1,3-Dichlorobenzene	0.444	0.050	mg/l	0.500	ND	89	35-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Matrix Spike Analyzed: 11/24/2008 (8K22063-MS1)					**Source: IRK1526-01**					
1,4-Dichlorobenzene	0.437	0.050	mg/l	0.500	ND	87	35-120			
3,3'-Dichlorobenzidine	0.334	0.20	mg/l	0.500	ND	67	45-135			
2,4-Dichlorophenol	0.560	0.050	mg/l	0.500	ND	112	55-120			
Diethyl phthalate	0.548	0.050	mg/l	0.500	ND	110	55-120			
2,4-Dimethylphenol	0.461	0.10	mg/l	0.500	ND	92	40-120			
Dimethyl phthalate	0.546	0.050	mg/l	0.500	ND	109	30-120			
4,6-Dinitro-2-methylphenol	0.510	0.20	mg/l	0.500	ND	102	45-120			
2,4-Dinitrophenol	0.376	0.50	mg/l	0.500	ND	75	40-120			
2,4-Dinitrotoluene	0.558	0.050	mg/l	0.500	ND	112	65-120			
2,6-Dinitrotoluene	0.546	0.050	mg/l	0.500	ND	109	65-120			
Di-n-octyl phthalate	0.566	0.20	mg/l	0.500	ND	113	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.475	0.10	mg/l	0.500	ND	95	60-120			
Bis(2-ethylhexyl)phthalate	0.538	0.25	mg/l	0.500	ND	108	65-130			
Fluoranthene	0.657	0.050	mg/l	0.500	ND	131	60-120			*M1*
Fluorene	0.560	0.050	mg/l	0.500	ND	112	65-120			
Hexachlorobenzene	0.623	0.050	mg/l	0.500	ND	125	60-120			*M1*
Hexachlorobutadiene	0.518	0.050	mg/l	0.500	ND	104	40-120			
Hexachlorocyclopentadiene	0.388	0.20	mg/l	0.500	ND	78	25-120			
Hexachloroethane	0.424	0.050	mg/l	0.500	ND	85	35-120			
Indeno(1,2,3-cd)pyrene	0.556	0.10	mg/l	0.500	ND	111	40-135			
Isophorone	0.534	0.050	mg/l	0.500	ND	107	50-120			
2-Methylnaphthalene	0.531	0.050	mg/l	0.500	ND	106	55-120			
2-Methylphenol	0.505	0.050	mg/l	0.500	ND	101	50-120			
4-Methylphenol	0.521	0.050	mg/l	0.500	ND	104	50-120			
Naphthalene	0.499	0.050	mg/l	0.500	ND	100	55-120			
2-Nitroaniline	0.513	0.10	mg/l	0.500	ND	103	65-120			
3-Nitroaniline	0.546	0.10	mg/l	0.500	ND	109	60-120			
4-Nitroaniline	0.512	0.50	mg/l	0.500	ND	102	55-125			
Nitrobenzene	0.486	0.20	mg/l	0.500	ND	97	55-120			
2-Nitrophenol	0.529	0.050	mg/l	0.500	ND	106	50-120			
4-Nitrophenol	0.398	0.50	mg/l	0.500	ND	80	45-120			
N-Nitroso-di-n-propylamine	0.561	0.10	mg/l	0.500	ND	112	45-120			
N-Nitrosodiphenylamine	0.601	0.050	mg/l	0.500	ND	120	60-120			
Pentachlorophenol	0.604	0.20	mg/l	0.500	ND	121	50-120			*M1*
Phenanthrene	0.594	0.050	mg/l	0.500	ND	119	65-120			
Phenol	0.436	0.050	mg/l	0.500	ND	87	40-120			

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9095 Rio San Diego Dr, Suite 240		B0031045.0003	Sampled: 11/13/08-11/14/08
San Diego, CA 92108	Report Number:	IRK1643	Received: 11/15/08
Attention: George Cebula			

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22063 Extracted: 11/22/08										
Matrix Spike Analyzed: 11/24/2008 (8K22063-MS1)					**Source: IRK1526-01**					
Pyrene	0.518	0.050	mg/l	0.500	ND	104	55-125			
1,2,4-Trichlorobenzene	0.487	0.050	mg/l	0.500	ND	97	45-120			
2,4,5-Trichlorophenol	0.575	0.10	mg/l	0.500	ND	115	55-120			
2,4,6-Trichlorophenol	0.551	0.10	mg/l	0.500	ND	110	55-120			
Surrogate: 2,4,6-Tribromophenol	*1.15*		*mg/l*	*1.00*		*115*	*40-125*			
Surrogate: 2-Fluorobiphenyl	*0.480*		*mg/l*	*0.500*		*96*	*45-120*			
Surrogate: 2-Fluorophenol	*0.712*		*mg/l*	*1.00*		*71*	*35-120*			
Surrogate: Nitrobenzene-d5	*0.440*		*mg/l*	*0.500*		*88*	*40-120*			
Surrogate: Phenol-d6	*0.831*		*mg/l*	*1.00*		*83*	*45-120*			
Surrogate: Terphenyl-d14	*0.450*		*mg/l*	*0.500*		*90*	*45-135*			

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Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17052 Extracted: 11/17/08										
Blank Analyzed: 11/18/2008 (8K17052-BLK1)										
Aroclor 1016	ND	1.0	ug/l							
Aroclor 1221	ND	1.0	ug/l							
Aroclor 1232	ND	1.0	ug/l							
Aroclor 1242	ND	1.0	ug/l							
Aroclor 1248	ND	1.0	ug/l							
Aroclor 1254	ND	1.0	ug/l							
Aroclor 1260	ND	1.0	ug/l							
Surrogate: Decachlorobiphenyl	*0.456*		*ug/l*	*0.500*		*91*	*45-120*			
LCS Analyzed: 11/18/2008 (8K17052-BS2)										
Aroclor 1016	3.25	1.0	ug/l	4.00		81	50-115			
Aroclor 1260	3.31	1.0	ug/l	4.00		83	60-120			
Surrogate: Decachlorobiphenyl	*0.419*		*ug/l*	*0.500*		*84*	*45-120*			
Matrix Spike Analyzed: 11/18/2008 (8K17052-MS2)					**Source: IRK1498-01**					
Aroclor 1016	2.21	0.94	ug/l	3.77	ND	58	45-120			
Aroclor 1260	2.14	0.94	ug/l	3.77	ND	57	55-125			
Surrogate: Decachlorobiphenyl	*0.272*		*ug/l*	*0.472*		*58*	*45-120*			
Matrix Spike Analyzed: 11/18/2008 (8K17052-MS4)					**Source: IRK1543-02**					
Aroclor 1016	1.39	0.94	ug/l	3.77	ND	37	45-120			*M2*
Aroclor 1260	1.65	0.94	ug/l	3.77	ND	44	55-125			*M2*
Surrogate: Decachlorobiphenyl	*0.290*		*ug/l*	*0.472*		*61*	*45-120*			
Matrix Spike Dup Analyzed: 11/18/2008 (8K17052-MSD2)					**Source: IRK1498-01**					
Aroclor 1016	2.76	0.94	ug/l	3.77	ND	73	45-120	23	30	
Aroclor 1260	2.77	0.94	ug/l	3.77	ND	73	55-125	26	25	*R*
Surrogate: Decachlorobiphenyl	*0.376*		*ug/l*	*0.472*		*80*	*45-120*			

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San Diego, CA 92108	Report Number:	IRK1643	Received: 11/15/08
Attention: George Cebula			

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K17052 Extracted: 11/17/08										
Matrix Spike Dup Analyzed: 11/18/2008 (8K17052-MSD4)					**Source: IRK1543-02**					
Aroclor 1016	1.31	0.94	ug/l	3.77	ND	35	45-120	6	30	*M2*
Aroclor 1260	1.40	0.94	ug/l	3.77	ND	37	55-125	17	25	*M2*
Surrogate: Decachlorobiphenyl	*0.260*		*ug/l*	*0.472*		*55*	*45-120*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K18115 Extracted: 11/18/08										
Blank Analyzed: 11/21/2008 (8K18115-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*29.0*		*ug/kg*	*33.3*		*87*	*45-120*			
LCS Analyzed: 11/21/2008 (8K18115-BS2)										
Aroclor 1016	227	50	ug/kg	267		85	65-115			
Aroclor 1260	230	50	ug/kg	267		86	65-115			
Surrogate: Decachlorobiphenyl	*25.2*		*ug/kg*	*33.3*		*76*	*45-120*			
Matrix Spike Analyzed: 11/21/2008 (8K18115-MS2)					**Source: IRK1643-01**					
Aroclor 1016	232	50	ug/kg	267	ND	87	50-120			
Aroclor 1260	249	50	ug/kg	267	ND	94	50-125			
Surrogate: Decachlorobiphenyl	*27.9*		*ug/kg*	*33.3*		*84*	*45-120*			
Matrix Spike Dup Analyzed: 11/21/2008 (8K18115-MSD2)					**Source: IRK1643-01**					
Aroclor 1016	218	50	ug/kg	267	ND	82	50-120	6	30	
Aroclor 1260	237	50	ug/kg	267	ND	89	50-125	5	30	
Surrogate: Decachlorobiphenyl	*26.1*		*ug/kg*	*33.3*		*78*	*45-120*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
Blank Analyzed: 11/22/2008 (8K22016-BLK1)										
Benzene	ND	0.020	mg/l							
Bromobenzene	ND	0.050	mg/l							
Bromochloromethane	ND	0.050	mg/l							
Bromodichloromethane	ND	0.020	mg/l							
Bromoform	ND	0.050	mg/l							
Bromomethane	ND	0.050	mg/l							
2-Butanone (MEK)	ND	0.10	mg/l							
n-Butylbenzene	ND	0.050	mg/l							
tert-Butylbenzene	ND	0.050	mg/l							
sec-Butylbenzene	ND	0.050	mg/l							
Carbon tetrachloride	ND	0.050	mg/l							
Chlorobenzene	ND	0.020	mg/l							
Chloroethane	ND	0.050	mg/l							
Chloroform	ND	0.020	mg/l							
Chloromethane	ND	0.050	mg/l							
4-Chlorotoluene	ND	0.050	mg/l							
2-Chlorotoluene	ND	0.050	mg/l							
1,2-Dibromo-3-chloropropane	ND	0.050	mg/l							
Dibromochloromethane	ND	0.020	mg/l							
1,2-Dibromoethane (EDB)	ND	0.020	mg/l							
Dibromomethane	ND	0.020	mg/l							
1,2-Dichlorobenzene	ND	0.020	mg/l							
1,3-Dichlorobenzene	ND	0.020	mg/l							
1,4-Dichlorobenzene	ND	0.020	mg/l							
Dichlorodifluoromethane	ND	0.050	mg/l							
1,1-Dichloroethane	ND	0.020	mg/l							
1,2-Dichloroethane	ND	0.020	mg/l							
1,1-Dichloroethene	ND	0.050	mg/l							
cis-1,2-Dichloroethene	ND	0.020	mg/l							
trans-1,2-Dichloroethene	ND	0.020	mg/l							
1,3-Dichloropropane	ND	0.020	mg/l							
2,2-Dichloropropane	ND	0.020	mg/l							
1,2-Dichloropropane	ND	0.020	mg/l							
cis-1,3-Dichloropropene	ND	0.020	mg/l							
trans-1,3-Dichloropropene	ND	0.020	mg/l							
1,1-Dichloropropene	ND	0.020	mg/l							

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Joseph Doak For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
Blank Analyzed: 11/22/2008 (8K22016-BLK1)										
Ethylbenzene	ND	0.020	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Isopropylbenzene	ND	0.020	mg/l							
p-Isopropyltoluene	ND	0.020	mg/l							
Methylene chloride	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
n-Propylbenzene	ND	0.020	mg/l							
Styrene	ND	0.020	mg/l							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/l							
1,1,2,2-Tetrachloroethane	ND	0.020	mg/l							
Tetrachloroethene	ND	0.020	mg/l							
Toluene	ND	0.020	mg/l							
1,2,3-Trichlorobenzene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
1,1,1-Trichloroethane	ND	0.020	mg/l							
1,1,2-Trichloroethane	ND	0.020	mg/l							
Trichloroethene	ND	0.020	mg/l							
Trichlorofluoromethane	ND	0.050	mg/l							
1,2,3-Trichloropropane	ND	0.10	mg/l							
1,2,4-Trimethylbenzene	ND	0.020	mg/l							
1,3,5-Trimethylbenzene	ND	0.020	mg/l							
Vinyl chloride	ND	0.050	mg/l							
m,p-Xylenes	ND	0.020	mg/l							
o-Xylene	ND	0.020	mg/l							
Surrogate: 4-Bromofluorobenzene	*0.222*		*mg/l*	*0.250*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*0.235*		*mg/l*	*0.250*		*94*	*80-120*			
Surrogate: Toluene-d8	*0.253*		*mg/l*	*0.250*		*101*	*80-120*			

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Joseph Doak For Sushmitha Reddy
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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
LCS Analyzed: 11/22/2008 (8K22016-BS1)										
Benzene	0.265	0.020	mg/l	0.250		106	70-120			
Bromobenzene	0.263	0.050	mg/l	0.250		105	75-120			
Bromochloromethane	0.247	0.050	mg/l	0.250		99	70-130			
Bromodichloromethane	0.269	0.020	mg/l	0.250		107	70-135			
Bromoform	0.238	0.050	mg/l	0.250		95	55-130			
Bromomethane	0.242	0.050	mg/l	0.250		97	65-140			
2-Butanone (MEK)	0.245	0.10	mg/l	0.250		98	40-140			
n-Butylbenzene	0.291	0.050	mg/l	0.250		117	70-130			
tert-Butylbenzene	0.283	0.050	mg/l	0.250		113	70-125			
sec-Butylbenzene	0.295	0.050	mg/l	0.250		118	70-125			
Carbon tetrachloride	0.274	0.050	mg/l	0.250		110	65-140			
Chlorobenzene	0.265	0.020	mg/l	0.250		106	75-120			
Chloroethane	0.243	0.050	mg/l	0.250		97	60-140			
Chloroform	0.243	0.020	mg/l	0.250		97	70-130			
Chloromethane	0.225	0.050	mg/l	0.250		90	50-140			
4-Chlorotoluene	0.288	0.050	mg/l	0.250		115	75-125			
2-Chlorotoluene	0.276	0.050	mg/l	0.250		110	70-125			
1,2-Dibromo-3-chloropropane	0.252	0.050	mg/l	0.250		101	50-135			
Dibromochloromethane	0.250	0.020	mg/l	0.250		100	70-140			
1,2-Dibromoethane (EDB)	0.270	0.020	mg/l	0.250		108	75-125			
Dibromomethane	0.253	0.020	mg/l	0.250		101	70-125			
1,2-Dichlorobenzene	0.279	0.020	mg/l	0.250		112	75-120			
1,3-Dichlorobenzene	0.272	0.020	mg/l	0.250		109	75-120			
1,4-Dichlorobenzene	0.260	0.020	mg/l	0.250		104	75-120			
Dichlorodifluoromethane	0.264	0.050	mg/l	0.250		106	35-155			
1,1-Dichloroethane	0.256	0.020	mg/l	0.250		102	70-125			
1,2-Dichloroethane	0.252	0.020	mg/l	0.250		101	60-140			
1,1-Dichloroethene	0.258	0.050	mg/l	0.250		103	70-125			
cis-1,2-Dichloroethene	0.267	0.020	mg/l	0.250		107	70-125			
trans-1,2-Dichloroethene	0.259	0.020	mg/l	0.250		104	70-125			
1,3-Dichloropropane	0.266	0.020	mg/l	0.250		106	70-120			
2,2-Dichloropropane	0.279	0.020	mg/l	0.250		111	65-140			
1,2-Dichloropropane	0.260	0.020	mg/l	0.250		104	70-125			
cis-1,3-Dichloropropene	0.333	0.020	mg/l	0.250		133	75-125			*L*
trans-1,3-Dichloropropene	0.243	0.020	mg/l	0.250		97	70-125			
1,1-Dichloropropene	0.282	0.020	mg/l	0.250		113	75-130			

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Joseph Doak For Sushmitha Reddy
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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
LCS Analyzed: 11/22/2008 (8K22016-BS1)										
Ethylbenzene	0.283	0.020	mg/l	0.250		113	75-125			
Hexachlorobutadiene	0.281	0.050	mg/l	0.250		112	65-135			
Isopropylbenzene	0.282	0.020	mg/l	0.250		113	75-130			
p-Isopropyltoluene	0.286	0.020	mg/l	0.250		114	75-125			
Methylene chloride	0.251	0.050	mg/l	0.250		101	55-130			
Naphthalene	0.294	0.050	mg/l	0.250		117	55-135			
n-Propylbenzene	0.290	0.020	mg/l	0.250		116	75-130			
Styrene	0.260	0.020	mg/l	0.250		104	75-130			
1,1,1,2-Tetrachloroethane	0.257	0.050	mg/l	0.250		103	70-130			
1,1,2,2-Tetrachloroethane	0.273	0.020	mg/l	0.250		109	55-130			
Tetrachloroethene	0.265	0.020	mg/l	0.250		106	70-125			
Toluene	0.286	0.020	mg/l	0.250		115	70-120			
1,2,3-Trichlorobenzene	0.278	0.050	mg/l	0.250		111	65-125			
1,2,4-Trichlorobenzene	0.282	0.050	mg/l	0.250		113	70-135			
1,1,1-Trichloroethane	0.274	0.020	mg/l	0.250		110	65-135			
1,1,2-Trichloroethane	0.264	0.020	mg/l	0.250		105	70-125			
Trichloroethene	0.259	0.020	mg/l	0.250		104	70-125			
Trichlorofluoromethane	0.235	0.050	mg/l	0.250		94	65-145			
1,2,3-Trichloropropane	0.271	0.10	mg/l	0.250		108	60-130			
1,2,4-Trimethylbenzene	0.291	0.020	mg/l	0.250		117	75-125			
1,3,5-Trimethylbenzene	0.287	0.020	mg/l	0.250		115	75-125			
Vinyl chloride	0.248	0.050	mg/l	0.250		99	55-135			
m,p-Xylenes	0.584	0.020	mg/l	0.500		117	75-125			
Surrogate: 4-Bromofluorobenzene	*0.246*		*mg/l*	*0.250*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*0.236*		*mg/l*	*0.250*		*94*	*80-120*			
Surrogate: Toluene-d8	*0.247*		*mg/l*	*0.250*		*99*	*80-120*			
Matrix Spike Analyzed: 11/22/2008 (8K22016-MS1)					**Source: IRK1476-03**					
Benzene	0.283	0.020	mg/l	0.250	0.0166	106	65-125			
Bromobenzene	0.272	0.050	mg/l	0.250	ND	109	70-125			
Bromochloromethane	0.255	0.050	mg/l	0.250	ND	102	65-135			
Bromodichloromethane	0.276	0.020	mg/l	0.250	ND	111	70-135			
Bromoform	0.248	0.050	mg/l	0.250	ND	99	55-135			
Bromomethane	0.240	0.050	mg/l	0.250	ND	96	55-145			
2-Butanone (MEK)	0.253	0.10	mg/l	0.250	ND	101	30-145			
n-Butylbenzene	0.307	0.050	mg/l	0.250	ND	123	65-135			

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Joseph Doak For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/22/2008 (8K22016-MS1)					**Source: IRK1476-03**					
tert-Butylbenzene	0.288	0.050	mg/l	0.250	ND	115	65-130			
sec-Butylbenzene	0.306	0.050	mg/l	0.250	0.00380	121	70-125			
Carbon tetrachloride	0.282	0.050	mg/l	0.250	ND	113	65-140			
Chlorobenzene	0.266	0.020	mg/l	0.250	ND	106	75-125			
Chloroethane	0.244	0.050	mg/l	0.250	ND	98	55-140			
Chloroform	0.247	0.020	mg/l	0.250	ND	99	65-135			
Chloromethane	0.235	0.050	mg/l	0.250	ND	94	45-145			
4-Chlorotoluene	0.299	0.050	mg/l	0.250	ND	120	70-135			
2-Chlorotoluene	0.296	0.050	mg/l	0.250	ND	118	65-135			
1,2-Dibromo-3-chloropropane	0.264	0.050	mg/l	0.250	ND	106	45-145			
Dibromochloromethane	0.255	0.020	mg/l	0.250	ND	102	65-140			
1,2-Dibromoethane (EDB)	0.268	0.020	mg/l	0.250	ND	107	70-130			
Dibromomethane	0.260	0.020	mg/l	0.250	ND	104	65-135			
1,2-Dichlorobenzene	0.292	0.020	mg/l	0.250	ND	117	75-125			
1,3-Dichlorobenzene	0.280	0.020	mg/l	0.250	ND	112	75-125			
1,4-Dichlorobenzene	0.268	0.020	mg/l	0.250	ND	107	75-125			
Dichlorodifluoromethane	0.279	0.050	mg/l	0.250	ND	112	25-155			
1,1-Dichloroethane	0.264	0.020	mg/l	0.250	ND	105	65-130			
1,2-Dichloroethane	0.258	0.020	mg/l	0.250	ND	103	60-140			
1,1-Dichloroethene	0.263	0.050	mg/l	0.250	ND	105	60-130			
cis-1,2-Dichloroethene	1.59	0.020	mg/l	0.250	1.32	108	65-130			
trans-1,2-Dichloroethene	0.265	0.020	mg/l	0.250	ND	106	65-130			
1,3-Dichloropropane	0.267	0.020	mg/l	0.250	ND	107	65-135			
2,2-Dichloropropane	0.290	0.020	mg/l	0.250	ND	116	60-145			
1,2-Dichloropropane	0.263	0.020	mg/l	0.250	ND	105	65-130			
cis-1,3-Dichloropropene	0.343	0.020	mg/l	0.250	ND	137	70-130			*M7*
trans-1,3-Dichloropropene	0.250	0.020	mg/l	0.250	ND	100	65-135			
1,1-Dichloropropene	0.287	0.020	mg/l	0.250	ND	115	70-135			
Ethylbenzene	0.396	0.020	mg/l	0.250	0.113	113	65-130			
Hexachlorobutadiene	0.296	0.050	mg/l	0.250	ND	118	60-135			
Isopropylbenzene	0.295	0.020	mg/l	0.250	0.00960	114	70-135			
p-Isopropyltoluene	0.300	0.020	mg/l	0.250	0.00960	116	65-130			
Methylene chloride	0.250	0.050	mg/l	0.250	0.00970	96	50-135			
Naphthalene	0.442	0.050	mg/l	0.250	0.136	123	50-140			
n-Propylbenzene	0.317	0.020	mg/l	0.250	0.0216	118	70-135			
Styrene	0.260	0.020	mg/l	0.250	ND	104	50-145			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22016 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/22/2008 (8K22016-MS1)					**Source: IRK1476-03**					
1,1,1,2-Tetrachloroethane	0.262	0.050	mg/l	0.250	ND	105	65-140			
1,1,2,2-Tetrachloroethane	0.266	0.020	mg/l	0.250	ND	107	55-135			
Tetrachloroethene	0.663	0.020	mg/l	0.250	0.390	109	65-130			
Toluene	0.562	0.020	mg/l	0.250	0.282	112	70-125			
1,2,3-Trichlorobenzene	0.289	0.050	mg/l	0.250	ND	115	60-135			
1,2,4-Trichlorobenzene	0.300	0.050	mg/l	0.250	ND	120	65-135			
1,1,1-Trichloroethane	0.282	0.020	mg/l	0.250	ND	113	65-140			
1,1,2-Trichloroethane	0.268	0.020	mg/l	0.250	ND	107	65-130			
Trichloroethene	0.334	0.020	mg/l	0.250	0.0678	106	65-125			
Trichlorofluoromethane	0.250	0.050	mg/l	0.250	ND	100	60-145			
1,2,3-Trichloropropane	0.270	0.10	mg/l	0.250	ND	108	55-135			
1,2,4-Trimethylbenzene	0.478	0.020	mg/l	0.250	0.187	116	55-135			
1,3,5-Trimethylbenzene	0.335	0.020	mg/l	0.250	0.0438	116	70-130			
Vinyl chloride	0.260	0.050	mg/l	0.250	0.00630	101	45-140			
m,p-Xylenes	0.994	0.020	mg/l	0.500	0.407	117	65-130			
o-Xylene	0.497	0.020	mg/l	0.250	0.193	122	65-125			
Surrogate: 4-Bromofluorobenzene	*0.244*		*mg/l*	*0.250*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*0.235*		*mg/l*	*0.250*		*94*	*80-120*			
Surrogate: Toluene-d8	*0.248*		*mg/l*	*0.250*		*99*	*80-120*			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K20127 Extracted: 11/20/08										
Blank Analyzed: 11/20/2008 (8K20127-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 11/20/2008 (8K20127-BS1)										
Mercury	0.843	0.020	mg/kg	0.800		105	80-120			
Matrix Spike Analyzed: 11/20/2008 (8K20127-MS1)					**Source: IRK1506-01**					
Mercury	0.800	0.020	mg/kg	0.800	0.0488	94	70-130			
Matrix Spike Dup Analyzed: 11/20/2008 (8K20127-MSD1)					**Source: IRK1506-01**					
Mercury	0.804	0.020	mg/kg	0.800	0.0488	94	70-130	1	20	
Batch: 8K21081 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21081-BLK1)										
Mercury	ND	0.00020	mg/l							
LCS Analyzed: 11/21/2008 (8K21081-BS1)										
Mercury	0.00801	0.00020	mg/l	0.00800		100	80-120			
Matrix Spike Analyzed: 11/21/2008 (8K21081-MS1)					**Source: IRK1948-01**					
Mercury	0.00765	0.00020	mg/l	0.00800	0.000114	94	70-130			
Matrix Spike Dup Analyzed: 11/21/2008 (8K21081-MSD1)					**Source: IRK1948-01**					
Mercury	0.00787	0.00020	mg/l	0.00800	0.000114	97	70-130	3	20	
Batch: 8K22043 Extracted: 11/22/08										
Blank Analyzed: 11/25/2008 (8K22043-BLK1)										
Antimony	ND	0.010	mg/l							
Arsenic	ND	0.010	mg/l							
Barium	ND	0.010	mg/l							
Beryllium	ND	0.0040	mg/l							
Cadmium	ND	0.0050	mg/l							
Chromium	ND	0.0050	mg/l							
Cobalt	ND	0.010	mg/l							
Copper	ND	0.010	mg/l							
Lead	ND	0.0050	mg/l							
Molybdenum	ND	0.020	mg/l							
Nickel	ND	0.010	mg/l							
Selenium	ND	0.010	mg/l							

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.0003
Report Number: IRK1643

Sampled: 11/13/08-11/14/08
Received: 11/15/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22043 Extracted: 11/22/08										
Blank Analyzed: 11/25/2008 (8K22043-BLK1)										
Silver	ND	0.010	mg/l							
Thallium	ND	0.010	mg/l							
Vanadium	ND	0.010	mg/l							
Zinc	ND	0.020	mg/l							
LCS Analyzed: 11/25/2008 (8K22043-BS1)										
Antimony	0.959	0.010	mg/l	1.00		96	80-120			
Arsenic	0.954	0.010	mg/l	1.00		95	80-120			
Barium	0.992	0.010	mg/l	1.00		99	80-120			
Beryllium	0.984	0.0040	mg/l	1.00		98	80-120			
Cadmium	0.941	0.0050	mg/l	1.00		94	80-120			
Chromium	0.973	0.0050	mg/l	1.00		97	80-120			
Cobalt	0.954	0.010	mg/l	1.00		95	80-120			
Copper	0.974	0.010	mg/l	1.00		97	80-120			
Lead	0.961	0.0050	mg/l	1.00		96	80-120			
Molybdenum	0.924	0.020	mg/l	1.00		92	80-120			
Nickel	0.960	0.010	mg/l	1.00		96	80-120			
Selenium	0.914	0.010	mg/l	1.00		91	80-120			
Silver	0.494	0.010	mg/l	0.500		99	80-120			
Thallium	0.947	0.010	mg/l	1.00		95	80-120			
Vanadium	0.984	0.010	mg/l	1.00		98	80-120			
Zinc	0.934	0.020	mg/l	1.00		93	80-120			
Matrix Spike Analyzed: 11/25/2008 (8K22043-MS1)					**Source: IRK1711-01**					
Antimony	0.989	0.050	mg/l	1.00	ND	99	75-125			
Arsenic	0.996	0.050	mg/l	1.00	ND	100	75-125			
Barium	2.21	0.050	mg/l	1.00	1.31	89	75-125			
Beryllium	0.994	0.020	mg/l	1.00	ND	99	75-125			
Cadmium	0.945	0.025	mg/l	1.00	ND	95	75-125			
Chromium	0.978	0.025	mg/l	1.00	ND	98	75-125			
Cobalt	0.947	0.050	mg/l	1.00	ND	95	75-125			
Copper	1.02	0.050	mg/l	1.00	ND	102	75-125			
Lead	0.982	0.025	mg/l	1.00	0.0182	96	75-125			
Molybdenum	0.954	0.10	mg/l	1.00	ND	95	75-125			
Nickel	0.969	0.050	mg/l	1.00	ND	97	75-125			
Selenium	0.895	0.050	mg/l	1.00	ND	90	75-125			
Silver	0.464	0.050	mg/l	0.500	ND	93	75-125			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22043 Extracted: 11/22/08										
Matrix Spike Analyzed: 11/25/2008 (8K22043-MS1)					**Source: IRK1711-01**					
Thallium	0.947	0.050	mg/l	1.00	ND	95	75-125			
Vanadium	1.02	0.050	mg/l	1.00	ND	102	75-125			
Zinc	0.958	0.10	mg/l	1.00	ND	96	75-125			
Matrix Spike Dup Analyzed: 11/25/2008 (8K22043-MSD1)					**Source: IRK1711-01**					
Antimony	0.980	0.050	mg/l	1.00	ND	98	75-125	1	20	
Arsenic	0.967	0.050	mg/l	1.00	ND	97	75-125	3	20	
Barium	2.29	0.050	mg/l	1.00	1.31	97	75-125	4	20	
Beryllium	0.977	0.020	mg/l	1.00	ND	98	75-125	2	20	
Cadmium	0.932	0.025	mg/l	1.00	ND	93	75-125	1	20	
Chromium	0.967	0.025	mg/l	1.00	ND	97	75-125	1	20	
Cobalt	0.941	0.050	mg/l	1.00	ND	94	75-125	1	20	
Copper	1.00	0.050	mg/l	1.00	ND	100	75-125	2	20	
Lead	0.969	0.025	mg/l	1.00	0.0182	95	75-125	1	20	
Molybdenum	0.937	0.10	mg/l	1.00	ND	94	75-125	2	20	
Nickel	0.972	0.050	mg/l	1.00	ND	97	75-125	0	20	
Selenium	0.879	0.050	mg/l	1.00	ND	88	75-125	2	20	
Silver	0.507	0.050	mg/l	0.500	ND	101	75-125	9	20	
Thallium	0.932	0.050	mg/l	1.00	ND	93	75-125	2	20	
Vanadium	0.999	0.050	mg/l	1.00	ND	100	75-125	2	20	
Zinc	0.958	0.10	mg/l	1.00	ND	96	75-125	0	20	
Batch: 8K24135 Extracted: 11/24/08										
Blank Analyzed: 11/25/2008 (8K24135-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24135 Extracted: 11/24/08										
Blank Analyzed: 11/25/2008 (8K24135-BLK1)										
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
LCS Analyzed: 11/25/2008 (8K24135-BS1)										
Antimony	45.4	10	mg/kg	50.0		91	80-120			
Arsenic	44.4	2.0	mg/kg	50.0		89	80-120			
Barium	46.8	1.0	mg/kg	50.0		94	80-120			
Beryllium	45.7	0.50	mg/kg	50.0		91	80-120			
Cadmium	44.6	0.50	mg/kg	50.0		89	80-120			
Chromium	45.5	1.0	mg/kg	50.0		91	80-120			
Cobalt	45.0	1.0	mg/kg	50.0		90	80-120			
Copper	46.2	2.0	mg/kg	50.0		92	80-120			
Lead	45.3	2.0	mg/kg	50.0		91	80-120			
Molybdenum	44.0	2.0	mg/kg	50.0		88	80-120			
Nickel	44.8	2.0	mg/kg	50.0		90	80-120			
Selenium	43.4	2.0	mg/kg	50.0		87	80-120			
Silver	22.5	1.0	mg/kg	25.0		90	80-120			
Thallium	43.9	10	mg/kg	50.0		88	80-120			
Vanadium	45.4	1.0	mg/kg	50.0		91	80-120			
Zinc	43.9	5.0	mg/kg	50.0		88	80-120			
Matrix Spike Analyzed: 11/25/2008 (8K24135-MS1)					**Source: IRK1526-01**					
Antimony	36.4	10	mg/kg	50.0	ND	73	75-125			*M2*
Arsenic	42.1	2.0	mg/kg	50.0	4.17	76	75-125			
Barium	145	1.0	mg/kg	50.0	110	69	75-125			*M2*
Beryllium	40.7	0.50	mg/kg	50.0	0.229	81	75-125			
Cadmium	37.2	0.50	mg/kg	50.0	0.308	74	75-125			*M2*
Chromium	84.2	1.0	mg/kg	50.0	46.5	75	75-125			
Cobalt	43.5	1.0	mg/kg	50.0	6.51	74	75-125			*M2*
Copper	61.9	2.0	mg/kg	50.0	20.8	82	75-125			
Lead	41.3	2.0	mg/kg	50.0	4.11	74	75-125			*M2*
Molybdenum	38.2	2.0	mg/kg	50.0	0.692	75	75-125			
Nickel	73.5	2.0	mg/kg	50.0	38.6	70	75-125			*M2*
Selenium	35.4	2.0	mg/kg	50.0	ND	71	75-125			*M2*
Silver	21.7	1.0	mg/kg	25.0	ND	87	75-125			

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Report Number: IRK1643

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Received: 11/15/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24135 Extracted: 11/24/08										
Matrix Spike Analyzed: 11/25/2008 (8K24135-MS1)					**Source: IRK1526-01**					
Thallium	34.7	10	mg/kg	50.0	ND	69	75-125			*M2*
Vanadium	74.4	1.0	mg/kg	50.0	33.1	83	75-125			
Zinc	66.7	5.0	mg/kg	50.0	30.2	73	75-125			*M2*
Matrix Spike Dup Analyzed: 11/25/2008 (8K24135-MSD1)					**Source: IRK1526-01**					
Antimony	38.3	10	mg/kg	50.0	ND	77	75-125	5	20	
Arsenic	44.4	2.0	mg/kg	50.0	4.17	80	75-125	5	20	
Barium	140	1.0	mg/kg	50.0	110	60	75-125	3	20	*M2*
Beryllium	42.8	0.50	mg/kg	50.0	0.229	85	75-125	5	20	
Cadmium	39.0	0.50	mg/kg	50.0	0.308	77	75-125	5	20	
Chromium	88.1	1.0	mg/kg	50.0	46.5	83	75-125	5	20	
Cobalt	45.9	1.0	mg/kg	50.0	6.51	79	75-125	5	20	
Copper	66.2	2.0	mg/kg	50.0	20.8	91	75-125	7	20	
Lead	43.7	2.0	mg/kg	50.0	4.11	79	75-125	5	20	
Molybdenum	40.5	2.0	mg/kg	50.0	0.692	80	75-125	6	20	
Nickel	79.1	2.0	mg/kg	50.0	38.6	81	75-125	7	20	
Selenium	36.8	2.0	mg/kg	50.0	ND	74	75-125	4	20	*M2*
Silver	22.7	1.0	mg/kg	25.0	ND	91	75-125	5	20	
Thallium	35.9	10	mg/kg	50.0	ND	72	75-125	3	20	*M2*
Vanadium	73.5	1.0	mg/kg	50.0	33.1	81	75-125	1	20	
Zinc	69.5	5.0	mg/kg	50.0	30.2	79	75-125	4	20	

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METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K22035 Extracted: 11/22/08										
Blank Analyzed: 11/25/2008 (8K22035-BLK1)										
Arsenic	ND	0.20	mg/l							
Barium	ND	0.20	mg/l							
Cadmium	ND	0.10	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
Selenium	ND	0.10	mg/l							
Silver	ND	0.20	mg/l							
LCS Analyzed: 11/25/2008 (8K22035-BS1)										
Arsenic	1.93	0.20	mg/l	2.00		96	80-120			
Barium	1.98	0.20	mg/l	2.00		99	80-120			
Cadmium	1.84	0.10	mg/l	2.00		92	80-120			
Chromium	1.94	0.10	mg/l	2.00		97	80-120			
Lead	1.88	0.10	mg/l	2.00		94	80-120			
Selenium	1.80	0.10	mg/l	2.00		90	80-120			
Silver	0.991	0.20	mg/l	1.00		99	80-120			
Matrix Spike Analyzed: 11/25/2008 (8K22035-MS1)					**Source: IRK1255-01**					
Arsenic	1.90	0.20	mg/l	2.00	ND	95	75-125			
Barium	2.33	0.20	mg/l	2.00	0.390	97	75-125			
Cadmium	1.81	0.10	mg/l	2.00	ND	90	75-125			
Chromium	1.95	0.10	mg/l	2.00	ND	97	75-125			
Lead	2.01	0.10	mg/l	2.00	0.116	94	75-125			
Selenium	1.77	0.10	mg/l	2.00	ND	88	75-125			
Silver	0.986	0.20	mg/l	1.00	ND	99	75-125			
Batch: 8K24101 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008 (8K24101-BLK1)										
Mercury	ND	0.0020	mg/l							

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METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24101 Extracted: 11/24/08										
LCS Analyzed: 11/24/2008 (8K24101-BS1)										
Mercury	0.0787	0.0020	mg/l	0.0800		98	80-120			
Matrix Spike Analyzed: 11/24/2008 (8K24101-MS1)					**Source: IRK1526-01**					
Mercury	0.0791	0.0020	mg/l	0.0800	ND	99	70-130			
Matrix Spike Dup Analyzed: 11/24/2008 (8K24101-MSD1)					**Source: IRK1526-01**					
Mercury	0.0786	0.0020	mg/l	0.0800	ND	98	70-130	1	20	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K27008 Extracted: 11/27/08										
Duplicate Analyzed: 11/27/2008 (8K27008-DUP1)					**Source: IRK1526-05**					
pH	8.56	0.100	pH Units		8.58			0	5	*H-1*

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GCMS CALIBRATION CHECK CRITERIA

The % recovery for the following individual compounds fell outside the ± 15% criteria, however the average % recovery of all compounds in the calibration check solution was within ± 15%, thus meeting the overall calibration check criteria.

Compound	Footnote	Calibration Check % Recovery	Lab Number	Batch
Bis(2-chloroisopropyl)ether	2	76%	IRK1643-11	8K19108

Footnotes:

1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.

2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result for this compound.

GCMS CALIBRATION CHECK CRITERIA

The % recovery for the following individual compounds fell outside the ± 15% criteria, however the average % recovery of all compounds in the calibration check solution was within ± 15%, thus meeting the overall calibration check criteria.

Compound	Footnote	Calibration Check % Recovery	Lab Number	Batch
Bis(2-chloroisopropyl)ether	2	76%	IRK1643-03	8K19114

Footnotes:

1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.

2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result for this compound.

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San Diego, CA 92108	Report Number: IRK1643	Received: 11/15/08
Attention: George Cebula		

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C-2	Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
H-1	Sample analysis performed past the method-specified holding time per client's approval.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL1	Reporting limit raised due to sample matrix effects.
RL3	Reporting limit raised due to high concentrations of non-target analytes.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

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San Diego, CA 92108	Report Number:	IRK1643	Received: 11/15/08
Attention: George Cebula			

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
6010B-TCLP	Solid	X	X
7470A-TCLP	Solid	X	X
8260B-TCLP	Solid	X	X
EPA 1311-Met	Solid	X	X
EPA 1311-SV	Solid	X	X
EPA 1311-ZHE	Solid	X	X
EPA 6010B	Solid	X	X
EPA 6010B	Water	X	X
EPA 7470A	Water	X	X
EPA 7471A	Solid	X	X
EPA 8082	Solid	X	X
EPA 8082	Water	X	X
EPA 8260B	Solid	X	X
EPA 8260B	Water	X	X
EPA 8270C	Solid	X	X
EPA 8270C	Water	X	X
EPA 9045C	Solid	X	X
SW846 7.1.2	Solid		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Joseph Doak For Sushmitha Reddy
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

TAL-0013(1007)

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

IRK1643

Page 1 of 1

Client Name/Address: ARCADIS, 9095 Rio San Diego Dr. Suite 240, San Diego, CA 92108

Project/PO Number: B0031045.0003

Project Manager: George Cebula

Phone Number: 619-291-7800 x24

Sampler: Dennis Wesselhoft

Fax Number: 619-291-5400

Analysis Requested

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	TCLP Metals BCRA 8 1311/6010/7470	TCLP VOC 1311/8260	TCLP SVOC 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC Metals 6010 CAM, TTLC VOC 8260, TTLC SVOC 8270	Total VOC 8260			Special Instructions
B21-CF-CHWP-010	Bulk	9oz glass, 4oz glass	3/1	11/13/08	~~1620~~ 1615	None	X	X	X	X	X	X	X				
B21-SMP-CP-011	Bulk	4oz glass	1	11/13/08	1621	None	X										
B21-CF-CHWP-012	Bulk	9oz glass, 4oz glass	3/1	11/14/08	0834	None	X	X	X	X	X	X	X				
TRIP BLANK 11/14/08	H_2O	40mL VOA	2	11/14/08	0834	HCl								X			
B21-SMP-CP-013	Bulk	4oz glass	1	11/14/08	0849	None	X										
B21-CF-CHWP-014	Bulk	9oz glass, 4oz glass	3/1	11/14/08	0905	None	X	X	X	X	X	X	X				
B21-CF-CP-015	Bulk	4oz glass	1	11/14/08	0929	None	X										
B21-CF-CP-016	Bulk	4oz glass	1	11/14/08	0937	None	X										
B21-CF-CP-016DUP	Bulk	4oz glass	1	11/14/08	0939	None	X										
BB-SMP-CP-011	Bulk	4oz glass	1	11/14/08	1003	None	X										
EQUIPBLANK-HDB-005	H_2O	2 Amber 250mL Plastic, 250mL VOA	2/1/3	11/14/08	1430	None/HNO3/HCl	X						X				

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ryan Matthews	11/14/08 1547	Gerald Naylor	11-14-08 15:47
Gerald Naylor	11-14-08 16:00		11/15/08 1100

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact X on ice 2°C

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

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THE LEADER IN ENVIRONMENTAL TESTING

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LABORATORY REPORT

Prepared For: Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project: Oakland
B0031045.00003

Sampled: 11/17/08-11/18/08
Received: 11/19/08
Issued: 12/02/08 14:10

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

ADDITIONAL INFORMATION: This is a complete final report.

LABORATORY ID	CLIENT ID	MATRIX
IRK2076-01	TRIP BLANK 11/17/08	Water
IRK2076-02	B21-TK-WP-017	Wipe
IRK2076-03	B21-TK-WP-018	Wipe
IRK2076-04	B21-TK-WP-019	Wipe
IRK2076-05	B21-TK-WP-020	Wipe
IRK2076-06	B21-TK-WP-021	Wipe
IRK2076-07	B21-TK-WP-022	Wipe
IRK2076-08	B21-TK-WP-023	Wipe
IRK2076-09	B21-TK-WP-024	Wipe
IRK2076-10	B21-TK-WP-025	Wipe
IRK2076-11	B21-TK-WP-026	Wipe
IRK2076-12	OT2-TK-WP-001	Wipe
IRK2076-13	OT1-TK-WP-001	Wipe
IRK2076-14	OT1-TK-B-002	Oil
IRK2076-15	IB2-WF-CHWP-033	Solid
IRK2076-16	IBH-WW-CP-035	Solid
IRK2076-17	IBH-CR-B-036	Oil
IRK2076-18	IBH-CR-B-036DUP	Oil
IRK2076-19	EQUIPMENTBLANK-WDB-002	Water
IRK2076-20	IBH-CR-B-037	Oil
IRK2076-21	B2-CR-B-030	Oil
IRK2076-22	B2-CR-B-031	Oil
IRK2076-23	B2-CR-B-032	Oil

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

LABORATORY ID	CLIENT ID	MATRIX
IRK2076-24	B2-CR-B-034	Oil
IRK2076-25	B2-CR-B-035	Oil
IRK2076-26	B2-CR-B-036	Oil
IRK2076-27	B2-CR-B-037	Oil
IRK2076-28	B2-CR-B-038	Oil
IRK2076-29	B2-CR-B-042	Oil
IRK2076-30	B2-CR-B-039	Oil
IRK2076-31	B2-CR-B-040	Oil
IRK2076-32	PHT-EQ-B-004	Oil
IRK2076-33	1BH-BW-CP-038	Solid

Reviewed By:

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-01 (TRIP BLANK 11/17/08 - Water)					**Sampled: 11/17/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Bromobenzene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
Bromochloromethane	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
Bromodichloromethane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Bromoform	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
Bromomethane	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
n-Butylbenzene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
tert-Butylbenzene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
sec-Butylbenzene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
Carbon tetrachloride	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
Chlorobenzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Chloroethane	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
Chloroform	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Chloromethane	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
4-Chlorotoluene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
2-Chlorotoluene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
Dibromochloromethane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Dibromomethane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,2-Dichlorobenzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,3-Dichlorobenzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,4-Dichlorobenzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Dichlorodifluoromethane	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
1,1-Dichloroethane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,2-Dichloroethane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,1-Dichloroethene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,3-Dichloropropane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
2,2-Dichloropropane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,2-Dichloropropane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,1-Dichloropropene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Ethylbenzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Hexachlorobutadiene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
Isopropylbenzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
p-Isopropyltoluene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Methylene chloride	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
Naphthalene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-01 (TRIP BLANK 11/17/08 - Water) - cont.					**Sampled: 11/17/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Styrene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Tetrachloroethene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Toluene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
1,1,1-Trichloroethane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,1,2-Trichloroethane	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Trichloroethene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Trichlorofluoromethane	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
1,2,3-Trichloropropane	EPA 8260B	8K24057	10	ND	1	11/24/2008	11/24/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Vinyl chloride	EPA 8260B	8K24057	5.0	ND	1	11/24/2008	11/24/2008	
m,p-Xylenes	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
o-Xylene	EPA 8260B	8K24057	2.0	ND	1	11/24/2008	11/24/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-120%)				*96 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)					**Sampled: 11/17/08**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Bromobenzene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
Bromochloromethane	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
Bromodichloromethane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Bromoform	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
Bromomethane	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
n-Butylbenzene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
tert-Butylbenzene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
sec-Butylbenzene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
Carbon tetrachloride	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
Chlorobenzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Chloroethane	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
Chloroform	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Chloromethane	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
4-Chlorotoluene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
2-Chlorotoluene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
Dibromochloromethane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Dibromomethane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,2-Dichlorobenzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,3-Dichlorobenzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,4-Dichlorobenzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Dichlorodifluoromethane	EPA 8260B	8K24048	1000	ND	518	11/24/2008	11/25/2008	
1,1-Dichloroethane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,2-Dichloroethane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,1-Dichloroethene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,3-Dichloropropane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
2,2-Dichloropropane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,2-Dichloropropane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	L
trans-1,3-Dichloropropene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,1-Dichloropropene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Ethylbenzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Hexachlorobutadiene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
Isopropylbenzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
p-Isopropyltoluene	EPA 8260B	8K24048	520	**7600**	518	11/24/2008	11/25/2008	
Methylene chloride	EPA 8260B	8K24048	5200	ND	518	11/24/2008	11/25/2008	
Naphthalene	EPA 8260B	8K24048	1300	**1600**	518	11/24/2008	11/25/2008	

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid) - cont.					**Sampled: 11/17/08**			
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Styrene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Tetrachloroethene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Toluene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
1,1,1-Trichloroethane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,1,2-Trichloroethane	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Trichloroethene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Trichlorofluoromethane	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
1,2,3-Trichloropropane	EPA 8260B	8K24048	2600	ND	518	11/24/2008	11/25/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Vinyl chloride	EPA 8260B	8K24048	1300	ND	518	11/24/2008	11/25/2008	
m,p-Xylenes	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
o-Xylene	EPA 8260B	8K24048	520	ND	518	11/24/2008	11/25/2008	
Surrogate: 4-Bromofluorobenzene (65-140%)				*95 %*				
Surrogate: Dibromofluoromethane (55-140%)				*91 %*				
Surrogate: Toluene-d8 (60-140%)				*96 %*				

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Project Manager

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9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-19 (EQUIPMENTBLANK-WDB-002 - Water)					**Sampled: 11/17/08**			
Reporting Units: ug/l								
Benzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Bromobenzene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
Bromochloromethane	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
Bromodichloromethane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Bromoform	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
Bromomethane	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
n-Butylbenzene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
tert-Butylbenzene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
sec-Butylbenzene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
Carbon tetrachloride	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
Chlorobenzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Chloroethane	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
Chloroform	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Chloromethane	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
4-Chlorotoluene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
2-Chlorotoluene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
Dibromochloromethane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Dibromomethane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,2-Dichlorobenzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,3-Dichlorobenzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,4-Dichlorobenzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Dichlorodifluoromethane	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
1,1-Dichloroethane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,2-Dichloroethane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,1-Dichloroethene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
cis-1,2-Dichloroethene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
trans-1,2-Dichloroethene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,3-Dichloropropane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
2,2-Dichloropropane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,2-Dichloropropane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
cis-1,3-Dichloropropene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
trans-1,3-Dichloropropene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,1-Dichloropropene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Ethylbenzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Hexachlorobutadiene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
Isopropylbenzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
p-Isopropyltoluene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Methylene chloride	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
Naphthalene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	

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Project ID: Oakland
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Received: 11/19/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-19 (EQUIPMENTBLANK-WDB-002 - Water) - cont.					**Sampled: 11/17/08**			
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Styrene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Tetrachloroethene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Toluene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
1,1,1-Trichloroethane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,1,2-Trichloroethane	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Trichloroethene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Trichlorofluoromethane	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
1,2,3-Trichloropropane	EPA 8260B	8K23014	10	ND	1	11/23/2008	11/23/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Vinyl chloride	EPA 8260B	8K23014	5.0	ND	1	11/23/2008	11/23/2008	
m,p-Xylenes	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
o-Xylene	EPA 8260B	8K23014	2.0	ND	1	11/23/2008	11/23/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*				
Surrogate: Dibromofluoromethane (80-120%)				*89 %*				
Surrogate: Toluene-d8 (80-120%)				*88 %*				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-19 (EQUIPMENTBLANK-WDB-002 - Water)					**Sampled: 11/17/08**			
Reporting Units: ug/l								
Acenaphthene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Acenaphthylene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Aniline	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Anthracene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Benzidine	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
Benzo(a)anthracene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Benzo(a)pyrene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Benzo(b)fluoranthene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Benzo(k)fluoranthene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Benzoic acid	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
Benzyl alcohol	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Butyl benzyl phthalate	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
4-Chloroaniline	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
2-Chloronaphthalene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
2-Chlorophenol	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Chrysene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
Dibenzofuran	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Di-n-butyl phthalate	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
1,2-Dichlorobenzene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
1,3-Dichlorobenzene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
1,4-Dichlorobenzene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
2,4-Dichlorophenol	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Diethyl phthalate	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
2,4-Dimethylphenol	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
Dimethyl phthalate	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	L
2,4-Dinitrophenol	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
2,4-Dinitrotoluene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
2,6-Dinitrotoluene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Di-n-octyl phthalate	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	L
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K24091	47	ND	0.943	11/24/2008	11/26/2008	

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Project ID: Oakland
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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Sample ID: IRK2076-19 (EQUIPMENTBLANK-WDB-002 - Water) - cont. **Sampled: 11/17/08**

Reporting Units: ug/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Fluoranthene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Fluorene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Hexachlorobenzene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Hexachlorobutadiene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
Hexachloroethane	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
Isophorone	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
2-Methylnaphthalene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
2-Methylphenol	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
4-Methylphenol	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Naphthalene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
2-Nitroaniline	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
3-Nitroaniline	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
4-Nitroaniline	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
Nitrobenzene	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
2-Nitrophenol	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
4-Nitrophenol	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Pentachlorophenol	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	L
Phenanthrene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Phenol	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
Pyrene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K24091	9.4	ND	0.943	11/24/2008	11/26/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K24091	19	ND	0.943	11/24/2008	11/26/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*85 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*66 %*				
Surrogate: 2-Fluorophenol (30-120%)				*55 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*64 %*				
Surrogate: Phenol-d6 (35-120%)				*66 %*				
Surrogate: Terphenyl-d14 (50-125%)				*64 %*				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)					**Sampled: 11/17/08**			
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Acenaphthylene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Aniline	EPA 8270C	8K21057	1700	ND	4	11/21/2008	11/22/2008	
Anthracene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Benzidine	EPA 8270C	8K21057	2600	ND	4	11/21/2008	11/22/2008	
Benzo(a)anthracene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Benzo(a)pyrene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Benzo(b)fluoranthene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Benzo(k)fluoranthene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Benzoic acid	EPA 8270C	8K21057	3300	ND	4	11/21/2008	11/22/2008	
Benzyl alcohol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Butyl benzyl phthalate	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
4-Chloroaniline	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K21057	670	ND	4	11/21/2008	11/22/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	C-2
2-Chloronaphthalene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
2-Chlorophenol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Chrysene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K21057	1700	ND	4	11/21/2008	11/22/2008	
Dibenzofuran	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Di-n-butyl phthalate	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
1,2-Dichlorobenzene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
1,3-Dichlorobenzene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
1,4-Dichlorobenzene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K21057	3300	ND	4	11/21/2008	11/22/2008	
2,4-Dichlorophenol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Diethyl phthalate	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
2,4-Dimethylphenol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Dimethyl phthalate	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K21057	1700	ND	4	11/21/2008	11/22/2008	
2,4-Dinitrophenol	EPA 8270C	8K21057	2600	ND	4	11/21/2008	11/22/2008	
2,4-Dinitrotoluene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
2,6-Dinitrotoluene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Di-n-octyl phthalate	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid) - cont.					**Sampled: 11/17/08**			
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Fluorene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Hexachlorobenzene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Hexachlorobutadiene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K21057	3300	ND	4	11/21/2008	11/22/2008	
Hexachloroethane	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Isophorone	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
2-Methylnaphthalene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
2-Methylphenol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
4-Methylphenol	EPA 8270C	8K21057	1300	**15000**	4	11/21/2008	11/22/2008	
Naphthalene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
2-Nitroaniline	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
3-Nitroaniline	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
4-Nitroaniline	EPA 8270C	8K21057	3300	ND	4	11/21/2008	11/22/2008	
Nitrobenzene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
2-Nitrophenol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
4-Nitrophenol	EPA 8270C	8K21057	3300	ND	4	11/21/2008	11/22/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K21057	1000	ND	4	11/21/2008	11/22/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Pentachlorophenol	EPA 8270C	8K21057	3300	ND	4	11/21/2008	11/22/2008	
Phenanthrene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Phenol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Pyrene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K21057	1300	ND	4	11/21/2008	11/22/2008	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*75 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*57 %*				
Surrogate: 2-Fluorophenol (25-120%)				*55 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*49 %*				
Surrogate: Phenol-d6 (35-120%)				*63 %*				
Surrogate: Terphenyl-d14 (40-135%)				*53 %*				

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Project ID: Oakland
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Received: 11/19/08

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-19 (EQUIPMENTBLANK-WDB-002 - Water)					**Sampled: 11/17/08**			
Reporting Units: ug/l								
Aroclor 1016	EPA 8082	8K21005	0.94	ND	0.943	11/21/2008	11/22/2008	
Aroclor 1221	EPA 8082	8K21005	0.94	ND	0.943	11/21/2008	11/22/2008	
Aroclor 1232	EPA 8082	8K21005	0.94	ND	0.943	11/21/2008	11/22/2008	
Aroclor 1242	EPA 8082	8K21005	0.94	ND	0.943	11/21/2008	11/22/2008	
Aroclor 1248	EPA 8082	8K21005	0.94	ND	0.943	11/21/2008	11/22/2008	
Aroclor 1254	EPA 8082	8K21005	0.94	ND	0.943	11/21/2008	11/22/2008	
Aroclor 1260	EPA 8082	8K21005	0.94	ND	0.943	11/21/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*75 %*				

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Sampled: 11/17/08-11/18/08
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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-02 (B21-TK-WP-017 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1260	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*73 %*				
Sample ID: IRK2076-03 (B21-TK-WP-018 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*63 %*				
Sample ID: IRK2076-03RE1 (B21-TK-WP-018 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1260	EPA 3545/8082	8K20095	10	**23**	10	11/20/2008	11/25/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*65 %*				*Z3*
Sample ID: IRK2076-04 (B21-TK-WP-019 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1260	EPA 3545/8082	8K20095	1.0	**1.1**	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*67 %*				

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Project ID: Oakland
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Sampled: 11/17/08-11/18/08
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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-05 (B21-TK-WP-020 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1260	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*66 %*				
Sample ID: IRK2076-06 (B21-TK-WP-021 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1260	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*80 %*				
Sample ID: IRK2076-07 (B21-TK-WP-022 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1260	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*75 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-08 (B21-TK-WP-023 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1260	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*53 %*				
Sample ID: IRK2076-09 (B21-TK-WP-024 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1260	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*57 %*				
Sample ID: IRK2076-10 (B21-TK-WP-025 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1260	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*68 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-11 (B21-TK-WP-026 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1260	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*65 %*				
Sample ID: IRK2076-12 (OT2-TK-WP-001 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*57 %*				
Sample ID: IRK2076-12RE1 (OT2-TK-WP-001 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1260	EPA 3545/8082	8K20095	5.0	**14**	5	11/20/2008	11/25/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*51 %*				
Sample ID: IRK2076-13 (OT1-TK-WP-001 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1016	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1221	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1232	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1242	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1248	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Aroclor 1254	EPA 3545/8082	8K20095	1.0	ND	1	11/20/2008	11/22/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*52 %*				
Sample ID: IRK2076-13RE1 (OT1-TK-WP-001 - Wipe)					**Sampled: 11/17/08**			
Reporting Units: ug/Wipe								
Aroclor 1260	EPA 3545/8082	8K20095	10	**31**	10	11/20/2008	11/25/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*59 %*				*Z3*

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Received: 11/19/08

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)					**Sampled: 11/17/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K21101	150	ND	2.98	11/21/2008	11/23/2008	
Aroclor 1221	EPA 8082	8K21101	150	ND	2.98	11/21/2008	11/23/2008	
Aroclor 1232	EPA 8082	8K21101	150	ND	2.98	11/21/2008	11/23/2008	
Aroclor 1242	EPA 8082	8K21101	150	ND	2.98	11/21/2008	11/23/2008	
Aroclor 1248	EPA 8082	8K21101	150	ND	2.98	11/21/2008	11/23/2008	
Aroclor 1254	EPA 8082	8K21101	150	ND	2.98	11/21/2008	11/23/2008	
Aroclor 1260	EPA 8082	8K21101	150	**1100**	2.98	11/21/2008	11/23/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*36 %*				*Z5*
Sample ID: IRK2076-16 (IBH-WW-CP-035 - Solid)					**Sampled: 11/17/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K21101	150	ND	2.99	11/21/2008	11/23/2008	
Aroclor 1221	EPA 8082	8K21101	150	ND	2.99	11/21/2008	11/23/2008	
Aroclor 1232	EPA 8082	8K21101	150	ND	2.99	11/21/2008	11/23/2008	
Aroclor 1242	EPA 8082	8K21101	150	ND	2.99	11/21/2008	11/23/2008	
Aroclor 1248	EPA 8082	8K21101	150	ND	2.99	11/21/2008	11/23/2008	
Aroclor 1254	EPA 8082	8K21101	150	ND	2.99	11/21/2008	11/23/2008	
Aroclor 1260	EPA 8082	8K21101	150	ND	2.99	11/21/2008	11/23/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*35 %*				*Z5*
Sample ID: IRK2076-33 (1BH-BW-CP-038 - Solid)					**Sampled: 11/18/08**			
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	8K21101	100	ND	2	11/21/2008	11/23/2008	
Aroclor 1221	EPA 8082	8K21101	100	ND	2	11/21/2008	11/23/2008	
Aroclor 1232	EPA 8082	8K21101	100	ND	2	11/21/2008	11/23/2008	
Aroclor 1242	EPA 8082	8K21101	100	ND	2	11/21/2008	11/23/2008	
Aroclor 1248	EPA 8082	8K21101	100	ND	2	11/21/2008	11/23/2008	
Aroclor 1254	EPA 8082	8K21101	100	ND	2	11/21/2008	11/23/2008	
Aroclor 1260	EPA 8082	8K21101	100	**200**	2	11/21/2008	11/23/2008	
Surrogate: Decachlorobiphenyl (45-120%)				*53 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-14 (OT1-TK-B-002 - Oil)					**Sampled: 11/17/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K24121	4.9	ND	0.982	11/24/2008	11/27/2008	
Aroclor 1221	EPA 8082	8K24121	4.9	ND	0.982	11/24/2008	11/27/2008	
Aroclor 1232	EPA 8082	8K24121	4.9	ND	0.982	11/24/2008	11/27/2008	
Aroclor 1242	EPA 8082	8K24121	4.9	ND	0.982	11/24/2008	11/27/2008	
Aroclor 1248	EPA 8082	8K24121	4.9	ND	0.982	11/24/2008	11/27/2008	
Aroclor 1254	EPA 8082	8K24121	4.9	**20**	0.982	11/24/2008	11/27/2008	A-01, C-7, R-1
Aroclor 1260	EPA 8082	8K24121	4.9	**30**	0.982	11/24/2008	11/27/2008	A-01a
Surrogate: Decachlorobiphenyl (70-130%)				*79 %*				
Sample ID: IRK2076-17 (IBH-CR-B-036 - Oil)					**Sampled: 11/17/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/24/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/24/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/24/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/24/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/24/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/24/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/24/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*95 %*				
Sample ID: IRK2076-18 (IBH-CR-B-036DUP - Oil)					**Sampled: 11/17/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.998	11/21/2008	11/24/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.998	11/21/2008	11/24/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.998	11/21/2008	11/24/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.998	11/21/2008	11/24/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.998	11/21/2008	11/24/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.998	11/21/2008	11/24/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.998	11/21/2008	11/24/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*86 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-20 (IBH-CR-B-037 - Oil)					**Sampled: 11/17/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.993	11/21/2008	11/27/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.993	11/21/2008	11/27/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.993	11/21/2008	11/27/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.993	11/21/2008	11/27/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.993	11/21/2008	11/27/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.993	11/21/2008	11/27/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.993	11/21/2008	11/27/2008	
Surrogate: Decachlorobiphenyl (70-130%)				*81 %*				
Sample ID: IRK2076-21 (B2-CR-B-030 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.992	11/21/2008	11/24/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.992	11/21/2008	11/24/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.992	11/21/2008	11/24/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.992	11/21/2008	11/24/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.992	11/21/2008	11/24/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.992	11/21/2008	11/24/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.992	11/21/2008	11/24/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*91 %*				
Sample ID: IRK2076-22 (B2-CR-B-031 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/24/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/24/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/24/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/24/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/24/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/24/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/24/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*94 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-23 (B2-CR-B-032 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.995	11/21/2008	11/25/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.995	11/21/2008	11/25/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.995	11/21/2008	11/25/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.995	11/21/2008	11/25/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.995	11/21/2008	11/25/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.995	11/21/2008	11/25/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.995	11/21/2008	11/25/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*93 %*				
Sample ID: IRK2076-24 (B2-CR-B-034 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*96 %*				
Sample ID: IRK2076-25 (B2-CR-B-035 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*93 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-26 (B2-CR-B-036 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*85 %*				
Sample ID: IRK2076-27 (B2-CR-B-037 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.994	11/21/2008	11/25/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*89 %*				
Sample ID: IRK2076-28 (B2-CR-B-038 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/25/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*85 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-29 (B2-CR-B-042 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/25/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/25/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/25/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/25/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/25/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/25/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.999	11/21/2008	11/25/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*86 %*				
Sample ID: IRK2076-30 (B2-CR-B-039 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.991	11/21/2008	11/25/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.991	11/21/2008	11/25/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.991	11/21/2008	11/25/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.991	11/21/2008	11/25/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.991	11/21/2008	11/25/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.991	11/21/2008	11/25/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.991	11/21/2008	11/25/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*81 %*				
Sample ID: IRK2076-31 (B2-CR-B-040 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/25/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/25/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/25/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/25/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/25/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/25/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	0.997	11/21/2008	11/25/2008	C-7
Surrogate: Decachlorobiphenyl (70-130%)				*86 %*				

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POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-32 (PHT-EQ-B-004 - Oil)					**Sampled: 11/18/08**			
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/27/2008	
Aroclor 1221	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/27/2008	
Aroclor 1232	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/27/2008	
Aroclor 1242	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/27/2008	
Aroclor 1248	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/27/2008	
Aroclor 1254	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/27/2008	
Aroclor 1260	EPA 8082	8K21006	5.0	ND	1	11/21/2008	11/27/2008	
Surrogate: Decachlorobiphenyl (70-130%)				*103 %*				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-14 (OT1-TK-B-002 - Oil)					**Sampled: 11/17/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K21115	0.020	ND	1	11/21/2008	11/21/2008	
Arsenic	EPA 6010B	8K26170	2.0	ND	1	11/26/2008	11/28/2008	
Barium	EPA 6010B	8K26170	1.0	**31**	1	11/26/2008	11/28/2008	
Cadmium	EPA 6010B	8K26170	0.50	ND	1	11/26/2008	11/28/2008	
Chromium	EPA 6010B	8K26170	1.0	**140**	1	11/26/2008	11/28/2008	
Lead	EPA 6010B	8K26170	2.0	**250**	1	11/26/2008	11/28/2008	
Selenium	EPA 6010B	8K26170	2.0	ND	1	11/26/2008	11/28/2008	
Silver	EPA 6010B	8K26170	1.0	ND	1	11/26/2008	11/28/2008	
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)					**Sampled: 11/17/08**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	8K21115	0.020	ND	1	11/21/2008	11/21/2008	
Antimony	EPA 6010B	8K26170	10	ND	1	11/26/2008	11/28/2008	
Arsenic	EPA 6010B	8K26170	2.0	ND	1	11/26/2008	11/28/2008	
Barium	EPA 6010B	8K26170	1.0	**7.2**	1	11/26/2008	11/28/2008	
Beryllium	EPA 6010B	8K26170	0.50	ND	1	11/26/2008	11/28/2008	
Cadmium	EPA 6010B	8K26170	0.50	ND	1	11/26/2008	11/28/2008	
Chromium	EPA 6010B	8K26170	1.0	ND	1	11/26/2008	11/28/2008	
Cobalt	EPA 6010B	8K26170	1.0	ND	1	11/26/2008	11/28/2008	
Copper	EPA 6010B	8K26170	2.0	ND	1	11/26/2008	11/28/2008	
Lead	EPA 6010B	8K26170	2.0	ND	1	11/26/2008	11/28/2008	
Molybdenum	EPA 6010B	8K26170	2.0	ND	1	11/26/2008	11/28/2008	
Nickel	EPA 6010B	8K26170	2.0	ND	1	11/26/2008	11/28/2008	
Selenium	EPA 6010B	8K26170	2.0	ND	1	11/26/2008	11/28/2008	
Silver	EPA 6010B	8K26170	1.0	ND	1	11/26/2008	11/28/2008	
Thallium	EPA 6010B	8K26170	10	ND	1	11/26/2008	11/28/2008	
Vanadium	EPA 6010B	8K26170	1.0	ND	1	11/26/2008	11/28/2008	
Zinc	EPA 6010B	8K26170	5.0	ND	1	11/26/2008	11/28/2008	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-19 (EQUIPMENTBLANK-WDB-002 - Water)					**Sampled: 11/17/08**			
Reporting Units: mg/l								
Mercury	EPA 7470A	8K25080	0.00020	ND	1	11/25/2008	11/25/2008	
Antimony	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Arsenic	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Barium	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Beryllium	EPA 6010B	8K24109	0.0040	ND	1	11/24/2008	11/26/2008	
Cadmium	EPA 6010B	8K24109	0.0050	ND	1	11/24/2008	11/26/2008	
Chromium	EPA 6010B	8K24109	0.0050	ND	1	11/24/2008	11/26/2008	
Cobalt	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Copper	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Lead	EPA 6010B	8K24109	0.0050	ND	1	11/24/2008	11/26/2008	
Molybdenum	EPA 6010B	8K24109	0.020	ND	1	11/24/2008	11/26/2008	
Nickel	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Selenium	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Silver	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Thallium	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Vanadium	EPA 6010B	8K24109	0.010	ND	1	11/24/2008	11/26/2008	
Zinc	EPA 6010B	8K24109	0.020	ND	1	11/24/2008	11/26/2008	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)					**Sampled: 11/17/08**			
Reporting Units: mg/kg								
Alkalinity as CaCO3	SM2320B-MOD	8L01090	100	ND	1	12/1/2008	12/1/2008	
Bicarbonate Alkalinity as CaCO3	SM2320B-MOD	8L01090	100	ND	1	12/1/2008	12/1/2008	
Bicarbonate Alkalinity as CaCO3	SM2320B-MOD	8L01090	100	ND	1	12/1/2008	12/1/2008	
Carbonate Alkalinity as CaCO3	SM2320B-MOD	8L01090	100	ND	1	12/1/2008	12/1/2008	
Carbonate Alkalinity as CaCO3	SM2320B-MOD	8L01090	100	ND	1	12/1/2008	12/1/2008	
Hydroxide Alkalinity as CaCO3	SM2320B-MOD	8L01090	100	ND	1	12/1/2008	12/1/2008	
Hydroxide Alkalinity as CaCO3	SM2320B-MOD	8L01090	100	ND	1	12/1/2008	12/1/2008	
Sulfate	EPA 300.0	8K21082	5.0	**53**	1	11/21/2008	11/21/2008	
Total Dissolved Solids	SM2540C	8K25042	100	**10000**	1	11/25/2008	11/25/2008	
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)					**Sampled: 11/17/08**			
Reporting Units: N/A								
Ignitability	SW846 7.1.2	8K26069	NA	Not Ignitable	1	11/26/2008	11/26/2008	
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)					**Sampled: 11/17/08**			
Reporting Units: pH Units								
pH	EPA 9045C	8L02084	0.100	**4.27**	1	12/2/2008	12/2/2008	HFT

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)					**Sampled: 11/17/08**				
Reporting Units: mg/l									
Acenaphthene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Acenaphthylene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Aniline	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Anthracene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Benzidine	EPA 8270C	8K28082	0.50	ND	1	NA	11/28/2008	12/2/2008	
Benzo(a)anthracene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Benzo(a)pyrene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Benzo(b)fluoranthene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Benzo(g,h,i)perylene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Benzo(k)fluoranthene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Benzoic acid	EPA 8270C	8K28082	0.50	ND	1	NA	11/28/2008	12/2/2008	
Benzyl alcohol	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
4-Bromophenyl phenyl ether	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Butyl benzyl phthalate	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
4-Chloro-3-methylphenol	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
4-Chloroaniline	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Bis(2-chloroethoxy)methane	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Bis(2-chloroethyl)ether	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Bis(2-chloroisopropyl)ether	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
2-Chloronaphthalene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
2-Chlorophenol	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
4-Chlorophenyl phenyl ether	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Chrysene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Dibenz(a,h)anthracene	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
Dibenzofuran	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Di-n-butyl phthalate	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
1,2-Dichlorobenzene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
1,3-Dichlorobenzene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
1,4-Dichlorobenzene	EPA 8270C	8K28082	0.050	ND	1	7.5	11/28/2008	12/2/2008	
3,3'-Dichlorobenzidine	EPA 8270C	8K28082	0.20	ND	1	NA	11/28/2008	12/2/2008	
2,4-Dichlorophenol	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Diethyl phthalate	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
2,4-Dimethylphenol	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
Dimethyl phthalate	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
4,6-Dinitro-2-methylphenol	EPA 8270C	8K28082	0.20	ND	1	NA	11/28/2008	12/2/2008	

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid) - cont. **Sampled: 11/17/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
2,4-Dinitrophenol	EPA 8270C	8K28082	0.50	ND	1	NA	11/28/2008	12/2/2008	
2,4-Dinitrotoluene	EPA 8270C	8K28082	0.050	ND	1	0.13	11/28/2008	12/2/2008	
2,6-Dinitrotoluene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Di-n-octyl phthalate	EPA 8270C	8K28082	0.20	ND	1	NA	11/28/2008	12/2/2008	
1,2-Diphenylhydrazine/Azoben	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
Bis(2-ethylhexyl)phthalate	EPA 8270C	8K28082	0.25	ND	1	NA	11/28/2008	12/2/2008	
Fluoranthene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Fluorene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Hexachlorobenzene	EPA 8270C	8K28082	0.050	ND	1	0.13	11/28/2008	12/2/2008	
Hexachlorobutadiene	EPA 8270C	8K28082	0.050	ND	1	0.5	11/28/2008	12/2/2008	
Hexachlorocyclopentadiene	EPA 8270C	8K28082	0.20	ND	1	NA	11/28/2008	12/2/2008	
Hexachloroethane	EPA 8270C	8K28082	0.050	ND	1	3.0	11/28/2008	12/2/2008	
Indeno(1,2,3-cd)pyrene	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
Isophorone	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
2-Methylnaphthalene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
2-Methylphenol	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
4-Methylphenol	EPA 8270C	8K28082	0.050	**0.83**	1	NA	11/28/2008	12/2/2008	
Naphthalene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
2-Nitroaniline	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
3-Nitroaniline	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
4-Nitroaniline	EPA 8270C	8K28082	0.50	ND	1	NA	11/28/2008	12/2/2008	
Nitrobenzene	EPA 8270C	8K28082	0.20	ND	1	2.0	11/28/2008	12/2/2008	
2-Nitrophenol	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
4-Nitrophenol	EPA 8270C	8K28082	0.50	ND	1	NA	11/28/2008	12/2/2008	
N-Nitroso-di-n-propylamine	EPA 8270C	8K28082	0.10	ND	1	NA	11/28/2008	12/2/2008	
N-Nitrosodiphenylamine	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Pentachlorophenol	EPA 8270C	8K28082	0.20	ND	1	100.0	11/28/2008	12/2/2008	
Phenanthrene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Phenol	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
Pyrene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
1,2,4-Trichlorobenzene	EPA 8270C	8K28082	0.050	ND	1	NA	11/28/2008	12/2/2008	
2,4,5-Trichlorophenol	EPA 8270C	8K28082	0.10	ND	1	400.0	11/28/2008	12/2/2008	
2,4,6-Trichlorophenol	EPA 8270C	8K28082	0.10	ND	1	2.0	11/28/2008	12/2/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*82 %*					
Surrogate: 2-Fluorobiphenyl (50-120%)				*80 %*					

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid) - cont.					**Sampled: 11/17/08**				
Reporting Units: mg/l									
Surrogate: 2-Fluorophenol (30-120%)				*66 %*					
Surrogate: Nitrobenzene-d5 (45-120%)				*77 %*					
Surrogate: Phenol-d6 (35-120%)				*71 %*					
Surrogate: Terphenyl-d14 (50-125%)				*91 %*					

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TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid) - cont. **Sampled: 11/17/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Benzene	8260B-TCLP	8K26050	0.020	ND	1	0.5	11/26/2008	11/27/2008	
Bromobenzene	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
Bromochloromethane	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
Bromodichloromethane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Bromoform	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
Bromomethane	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
2-Butanone (MEK)	8260B-TCLP	8K26050	0.10	ND	1	200.0	11/26/2008	11/27/2008	
n-Butylbenzene	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
tert-Butylbenzene	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
sec-Butylbenzene	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
Carbon tetrachloride	8260B-TCLP	8K26050	0.050	ND	1	0.5	11/26/2008	11/27/2008	
Chlorobenzene	8260B-TCLP	8K26050	0.020	ND	1	100.0	11/26/2008	11/27/2008	
Chloroethane	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
Chloroform	8260B-TCLP	8K26050	0.020	ND	1	6.0	11/26/2008	11/27/2008	
Chloromethane	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
4-Chlorotoluene	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
2-Chlorotoluene	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
1,2-Dibromo-3-chloropropane	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
Dibromochloromethane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,2-Dibromoethane (EDB)	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Dibromomethane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,2-Dichlorobenzene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,3-Dichlorobenzene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,4-Dichlorobenzene	8260B-TCLP	8K26050	0.020	ND	1	7.5	11/26/2008	11/27/2008	
Dichlorodifluoromethane	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
1,1-Dichloroethane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,2-Dichloroethane	8260B-TCLP	8K26050	0.020	ND	1	0.5	11/26/2008	11/27/2008	
1,1-Dichloroethene	8260B-TCLP	8K26050	0.050	ND	1	0.7	11/26/2008	11/27/2008	
cis-1,2-Dichloroethene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
trans-1,2-Dichloroethene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,3-Dichloropropane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
2,2-Dichloropropane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,2-Dichloropropane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
cis-1,3-Dichloropropene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
trans-1,3-Dichloropropene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	

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B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid) - cont. **Sampled: 11/17/08**

Reporting Units: mg/l

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
1,1-Dichloropropene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Ethylbenzene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Hexachlorobutadiene	8260B-TCLP	8K26050	0.050	ND	1	0.5	11/26/2008	11/27/2008	
Isopropylbenzene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
p-Isopropyltoluene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Methylene chloride	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
Naphthalene	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
n-Propylbenzene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Styrene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,1,1,2-Tetrachloroethane	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
1,1,2,2-Tetrachloroethane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Tetrachloroethene	8260B-TCLP	8K26050	0.020	ND	1	0.7	11/26/2008	11/27/2008	
Toluene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,2,3-Trichlorobenzene	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
1,2,4-Trichlorobenzene	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
1,1,1-Trichloroethane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,1,2-Trichloroethane	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Trichloroethene	8260B-TCLP	8K26050	0.020	ND	1	0.5	11/26/2008	11/27/2008	
Trichlorofluoromethane	8260B-TCLP	8K26050	0.050	ND	1	NA	11/26/2008	11/27/2008	
1,2,3-Trichloropropane	8260B-TCLP	8K26050	0.10	ND	1	NA	11/26/2008	11/27/2008	
1,2,4-Trimethylbenzene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
1,3,5-Trimethylbenzene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Vinyl chloride	8260B-TCLP	8K26050	0.050	ND	1	0.2	11/26/2008	11/27/2008	
m,p-Xylenes	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
o-Xylene	8260B-TCLP	8K26050	0.020	ND	1	NA	11/26/2008	11/27/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*					
Surrogate: Dibromofluoromethane (80-120%)				*93 %*					
Surrogate: Toluene-d8 (80-120%)				*98 %*					

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Project ID: Oakland
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Sampled: 11/17/08-11/18/08
Received: 11/19/08

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid) - cont.					**Sampled: 11/17/08**				
Reporting Units: mg/l									
Mercury	7470A-TCLP	8K28072	0.0020	ND	1	0.2	11/28/2008	11/28/2008	
Arsenic	6010B-TCLP	8K26111	0.20	ND	1	5.0	11/26/2008	11/28/2008	
Barium	6010B-TCLP	8K26111	0.20	ND	1	100.0	11/26/2008	11/28/2008	
Cadmium	6010B-TCLP	8K26111	0.10	ND	1	1.0	11/26/2008	11/28/2008	
Chromium	6010B-TCLP	8K26111	0.10	ND	1	5.0	11/26/2008	11/28/2008	
Lead	6010B-TCLP	8K26111	0.10	ND	1	5.0	11/26/2008	11/28/2008	
Selenium	6010B-TCLP	8K26111	0.10	ND	1	1.0	11/26/2008	11/28/2008	
Silver	6010B-TCLP	8K26111	0.20	ND	1	5.0	11/26/2008	11/28/2008	

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TCLP EXTRACTION - Zero Headspace (ZHE)

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)			**Sampled: 11/17/08**		
Extraction	EPA 1311-ZHE	8K25170	11/25/2008	11/26/2008	

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TCLP EXTRACTION - Semi Volatiles

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)			**Sampled: 11/17/08**		
Extraction	EPA 1311-SV	8K25169	11/25/2008	11/26/2008	T5

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Received: 11/19/08

TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IRK2076-15 (IB2-WF-CHWP-033 - Solid)			**Sampled: 11/17/08**		
Extraction	EPA 1311-Met	8K25168	11/25/2008	11/26/2008	T5

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K23014 Extracted: 11/23/08										
Blank Analyzed: 11/23/2008 (8K23014-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K23014 Extracted: 11/23/08										
Blank Analyzed: 11/23/2008 (8K23014-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*22.8*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Dibromofluoromethane	*20.7*		*ug/l*	*25.0*		*83*	*80-120*			
Surrogate: Toluene-d8	*21.9*		*ug/l*	*25.0*		*88*	*80-120*			
LCS Analyzed: 11/23/2008 (8K23014-BS1)										
Benzene	21.8	2.0	ug/l	25.0		87	70-120			
Bromobenzene	23.4	5.0	ug/l	25.0		94	75-120			
Bromochloromethane	20.4	5.0	ug/l	25.0		81	70-130			
Bromodichloromethane	26.1	2.0	ug/l	25.0		104	70-135			
Bromoform	20.5	5.0	ug/l	25.0		82	55-130			
Bromomethane	28.5	5.0	ug/l	25.0		114	65-140			
n-Butylbenzene	26.6	5.0	ug/l	25.0		106	70-130			
tert-Butylbenzene	26.0	5.0	ug/l	25.0		104	70-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K23014 Extracted: 11/23/08										
LCS Analyzed: 11/23/2008 (8K23014-BS1)										
sec-Butylbenzene	26.0	5.0	ug/l	25.0		104	70-125			
Carbon tetrachloride	28.0	5.0	ug/l	25.0		112	65-140			
Chlorobenzene	24.6	2.0	ug/l	25.0		99	75-120			
Chloroethane	25.4	5.0	ug/l	25.0		102	60-140			
Chloroform	22.1	2.0	ug/l	25.0		88	70-130			
Chloromethane	26.8	5.0	ug/l	25.0		107	50-140			
4-Chlorotoluene	25.8	5.0	ug/l	25.0		103	75-125			
2-Chlorotoluene	25.2	5.0	ug/l	25.0		101	70-125			
1,2-Dibromo-3-chloropropane	24.2	5.0	ug/l	25.0		97	50-135			
Dibromochloromethane	24.0	2.0	ug/l	25.0		96	70-140			
1,2-Dibromoethane (EDB)	23.3	2.0	ug/l	25.0		93	75-125			
Dibromomethane	23.0	2.0	ug/l	25.0		92	70-125			
1,2-Dichlorobenzene	24.3	2.0	ug/l	25.0		97	75-120			
1,3-Dichlorobenzene	24.6	2.0	ug/l	25.0		98	75-120			
1,4-Dichlorobenzene	24.2	2.0	ug/l	25.0		97	75-120			
Dichlorodifluoromethane	28.5	5.0	ug/l	25.0		114	35-155			
1,1-Dichloroethane	22.2	2.0	ug/l	25.0		89	70-125			
1,2-Dichloroethane	25.1	2.0	ug/l	25.0		100	60-140			
1,1-Dichloroethene	23.0	5.0	ug/l	25.0		92	70-125			
cis-1,2-Dichloroethene	22.0	2.0	ug/l	25.0		88	70-125			
trans-1,2-Dichloroethene	21.9	2.0	ug/l	25.0		87	70-125			
1,3-Dichloropropane	24.1	2.0	ug/l	25.0		97	70-120			
2,2-Dichloropropane	28.5	2.0	ug/l	25.0		114	65-140			
1,2-Dichloropropane	22.7	2.0	ug/l	25.0		91	70-125			
cis-1,3-Dichloropropene	29.2	2.0	ug/l	25.0		117	75-125			
trans-1,3-Dichloropropene	24.0	2.0	ug/l	25.0		96	70-125			
1,1-Dichloropropene	26.2	2.0	ug/l	25.0		105	75-130			
Ethylbenzene	25.0	2.0	ug/l	25.0		100	75-125			
Hexachlorobutadiene	27.2	5.0	ug/l	25.0		109	65-135			
Isopropylbenzene	24.9	2.0	ug/l	25.0		100	75-130			
p-Isopropyltoluene	26.4	2.0	ug/l	25.0		105	75-125			
Methylene chloride	19.9	5.0	ug/l	25.0		80	55-130			
Naphthalene	24.5	5.0	ug/l	25.0		98	55-135			
n-Propylbenzene	25.7	2.0	ug/l	25.0		103	75-130			
Styrene	25.2	2.0	ug/l	25.0		101	75-130			
1,1,1,2-Tetrachloroethane	27.4	5.0	ug/l	25.0		109	70-130			

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K23014 Extracted: 11/23/08										
LCS Analyzed: 11/23/2008 (8K23014-BS1)										
1,1,2,2-Tetrachloroethane	24.1	2.0	ug/l	25.0		96	55-130			
Tetrachloroethene	24.4	2.0	ug/l	25.0		98	70-125			
Toluene	22.6	2.0	ug/l	25.0		90	70-120			
1,2,3-Trichlorobenzene	24.4	5.0	ug/l	25.0		97	65-125			
1,2,4-Trichlorobenzene	25.4	5.0	ug/l	25.0		102	70-135			
1,1,1-Trichloroethane	26.9	2.0	ug/l	25.0		108	65-135			
1,1,2-Trichloroethane	22.1	2.0	ug/l	25.0		88	70-125			
Trichloroethene	23.8	2.0	ug/l	25.0		95	70-125			
Trichlorofluoromethane	25.5	5.0	ug/l	25.0		102	65-145			
1,2,3-Trichloropropane	23.6	10	ug/l	25.0		94	60-130			
1,2,4-Trimethylbenzene	26.7	2.0	ug/l	25.0		107	75-125			
1,3,5-Trimethylbenzene	25.6	2.0	ug/l	25.0		102	75-125			
Vinyl chloride	27.0	5.0	ug/l	25.0		108	55-135			
m,p-Xylenes	50.3	2.0	ug/l	50.0		101	75-125			
o-Xylene	25.2	2.0	ug/l	25.0		101	75-125			
Surrogate: 4-Bromofluorobenzene	*23.1*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*21.1*		*ug/l*	*25.0*		*85*	*80-120*			
Surrogate: Toluene-d8	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
Matrix Spike Analyzed: 11/23/2008 (8K23014-MS1)					**Source: IRK2190-03**					
Benzene	23.1	2.0	ug/l	25.0	ND	92	65-125			
Bromobenzene	25.0	5.0	ug/l	25.0	ND	100	70-125			
Bromochloromethane	22.2	5.0	ug/l	25.0	ND	89	65-135			
Bromodichloromethane	28.2	2.0	ug/l	25.0	ND	113	70-135			
Bromoform	21.8	5.0	ug/l	25.0	ND	87	55-135			
Bromomethane	30.9	5.0	ug/l	25.0	ND	124	55-145			
n-Butylbenzene	28.3	5.0	ug/l	25.0	ND	113	65-135			
tert-Butylbenzene	27.6	5.0	ug/l	25.0	ND	110	65-130			
sec-Butylbenzene	27.6	5.0	ug/l	25.0	ND	110	70-125			
Carbon tetrachloride	29.4	5.0	ug/l	25.0	ND	118	65-140			
Chlorobenzene	26.3	2.0	ug/l	25.0	ND	105	75-125			
Chloroethane	27.0	5.0	ug/l	25.0	ND	108	55-140			
Chloroform	23.7	2.0	ug/l	25.0	ND	95	65-135			
Chloromethane	28.4	5.0	ug/l	25.0	ND	114	45-145			
4-Chlorotoluene	27.3	5.0	ug/l	25.0	ND	109	70-135			
2-Chlorotoluene	26.8	5.0	ug/l	25.0	ND	107	65-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K23014 Extracted: 11/23/08										
Matrix Spike Analyzed: 11/23/2008 (8K23014-MS1)					**Source: IRK2190-03**					
1,2-Dibromo-3-chloropropane	25.4	5.0	ug/l	25.0	ND	102	45-145			
Dibromochloromethane	25.7	2.0	ug/l	25.0	ND	103	65-140			
1,2-Dibromoethane (EDB)	25.1	2.0	ug/l	25.0	ND	101	70-130			
Dibromomethane	25.1	2.0	ug/l	25.0	ND	100	65-135			
1,2-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	105	75-125			
1,3-Dichlorobenzene	26.4	2.0	ug/l	25.0	ND	106	75-125			
1,4-Dichlorobenzene	25.8	2.0	ug/l	25.0	ND	103	75-125			
Dichlorodifluoromethane	29.7	5.0	ug/l	25.0	ND	119	25-155			
1,1-Dichloroethane	23.9	2.0	ug/l	25.0	ND	96	65-130			
1,2-Dichloroethane	27.4	2.0	ug/l	25.0	ND	110	60-140			
1,1-Dichloroethene	23.6	5.0	ug/l	25.0	ND	94	60-130			
cis-1,2-Dichloroethene	23.6	2.0	ug/l	25.0	ND	94	65-130			
trans-1,2-Dichloroethene	24.0	2.0	ug/l	25.0	ND	96	65-130			
1,3-Dichloropropane	26.2	2.0	ug/l	25.0	ND	105	65-135			
2,2-Dichloropropane	29.5	2.0	ug/l	25.0	ND	118	60-145			
1,2-Dichloropropane	24.3	2.0	ug/l	25.0	ND	97	65-130			
cis-1,3-Dichloropropene	30.9	2.0	ug/l	25.0	ND	124	70-130			
trans-1,3-Dichloropropene	25.6	2.0	ug/l	25.0	ND	102	65-135			
1,1-Dichloropropene	27.7	2.0	ug/l	25.0	ND	111	70-135			
Ethylbenzene	26.4	2.0	ug/l	25.0	ND	106	65-130			
Hexachlorobutadiene	29.2	5.0	ug/l	25.0	ND	117	60-135			
Isopropylbenzene	26.2	2.0	ug/l	25.0	ND	105	70-135			
p-Isopropyltoluene	27.8	2.0	ug/l	25.0	ND	111	65-130			
Methylene chloride	21.7	5.0	ug/l	25.0	ND	87	50-135			
Naphthalene	26.4	5.0	ug/l	25.0	ND	106	50-140			
n-Propylbenzene	27.1	2.0	ug/l	25.0	ND	108	70-135			
Styrene	26.1	2.0	ug/l	25.0	ND	104	50-145			
1,1,1,2-Tetrachloroethane	29.4	5.0	ug/l	25.0	ND	118	65-140			
1,1,2,2-Tetrachloroethane	25.8	2.0	ug/l	25.0	ND	103	55-135			
Tetrachloroethene	25.6	2.0	ug/l	25.0	ND	102	65-130			
Toluene	24.0	2.0	ug/l	25.0	ND	96	70-125			
1,2,3-Trichlorobenzene	26.6	5.0	ug/l	25.0	ND	107	60-135			
1,2,4-Trichlorobenzene	27.7	5.0	ug/l	25.0	ND	111	65-135			
1,1,1-Trichloroethane	28.4	2.0	ug/l	25.0	ND	114	65-140			
1,1,2-Trichloroethane	24.1	2.0	ug/l	25.0	ND	96	65-130			
Trichloroethene	25.2	2.0	ug/l	25.0	0.610	98	65-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K23014 Extracted: 11/23/08										
Matrix Spike Analyzed: 11/23/2008 (8K23014-MS1)					**Source: IRK2190-03**					
Trichlorofluoromethane	27.5	5.0	ug/l	25.0	ND	110	60-145			
1,2,3-Trichloropropane	24.7	10	ug/l	25.0	ND	99	55-135			
1,2,4-Trimethylbenzene	28.3	2.0	ug/l	25.0	ND	113	55-135			
1,3,5-Trimethylbenzene	26.7	2.0	ug/l	25.0	ND	107	70-130			
Vinyl chloride	29.0	5.0	ug/l	25.0	ND	116	45-140			
m,p-Xylenes	53.0	2.0	ug/l	50.0	ND	106	65-130			
o-Xylene	27.1	2.0	ug/l	25.0	ND	109	65-125			
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*21.5*		*ug/l*	*25.0*		*86*	*80-120*			
Surrogate: Toluene-d8	*22.0*		*ug/l*	*25.0*		*88*	*80-120*			
Matrix Spike Dup Analyzed: 11/23/2008 (8K23014-MSD1)					**Source: IRK2190-03**					
Benzene	22.2	2.0	ug/l	25.0	ND	89	65-125	4	20	
Bromobenzene	24.2	5.0	ug/l	25.0	ND	97	70-125	3	20	
Bromochloromethane	21.1	5.0	ug/l	25.0	ND	84	65-135	5	25	
Bromodichloromethane	27.5	2.0	ug/l	25.0	ND	110	70-135	2	20	
Bromoform	21.6	5.0	ug/l	25.0	ND	86	55-135	1	25	
Bromomethane	25.9	5.0	ug/l	25.0	ND	104	55-145	18	25	
n-Butylbenzene	27.3	5.0	ug/l	25.0	ND	109	65-135	4	20	
tert-Butylbenzene	26.8	5.0	ug/l	25.0	ND	107	65-130	3	20	
sec-Butylbenzene	26.8	5.0	ug/l	25.0	ND	107	70-125	3	20	
Carbon tetrachloride	28.7	5.0	ug/l	25.0	ND	115	65-140	3	25	
Chlorobenzene	25.6	2.0	ug/l	25.0	ND	102	75-125	3	20	
Chloroethane	23.5	5.0	ug/l	25.0	ND	94	55-140	14	25	
Chloroform	23.0	2.0	ug/l	25.0	ND	92	65-135	3	20	
Chloromethane	21.0	5.0	ug/l	25.0	ND	84	45-145	30	25	*R*
4-Chlorotoluene	26.5	5.0	ug/l	25.0	ND	106	70-135	3	20	
2-Chlorotoluene	26.2	5.0	ug/l	25.0	ND	105	65-135	3	20	
1,2-Dibromo-3-chloropropane	25.4	5.0	ug/l	25.0	ND	102	45-145	0	30	
Dibromochloromethane	25.0	2.0	ug/l	25.0	ND	100	65-140	2	25	
1,2-Dibromoethane (EDB)	24.4	2.0	ug/l	25.0	ND	98	70-130	3	25	
Dibromomethane	23.9	2.0	ug/l	25.0	ND	96	65-135	5	25	
1,2-Dichlorobenzene	25.4	2.0	ug/l	25.0	ND	102	75-125	4	20	
1,3-Dichlorobenzene	25.6	2.0	ug/l	25.0	ND	103	75-125	3	20	
1,4-Dichlorobenzene	25.0	2.0	ug/l	25.0	ND	100	75-125	3	20	
Dichlorodifluoromethane	17.1	5.0	ug/l	25.0	ND	68	25-155	54	30	*R*

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Project Manager

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Attention: George Cebula

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Sampled: 11/17/08-11/18/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K23014 Extracted: 11/23/08										
Matrix Spike Dup Analyzed: 11/23/2008 (8K23014-MSD1)					**Source: IRK2190-03**					
1,1-Dichloroethane	23.1	2.0	ug/l	25.0	ND	92	65-130	3	20	
1,2-Dichloroethane	26.5	2.0	ug/l	25.0	ND	106	60-140	3	20	
1,1-Dichloroethene	21.9	5.0	ug/l	25.0	ND	88	60-130	7	20	
cis-1,2-Dichloroethene	22.6	2.0	ug/l	25.0	ND	90	65-130	4	20	
trans-1,2-Dichloroethene	21.6	2.0	ug/l	25.0	ND	86	65-130	10	20	
1,3-Dichloropropane	25.3	2.0	ug/l	25.0	ND	101	65-135	4	25	
2,2-Dichloropropane	29.2	2.0	ug/l	25.0	ND	117	60-145	1	25	
1,2-Dichloropropane	23.5	2.0	ug/l	25.0	ND	94	65-130	3	20	
cis-1,3-Dichloropropene	30.1	2.0	ug/l	25.0	ND	121	70-130	3	20	
trans-1,3-Dichloropropene	25.1	2.0	ug/l	25.0	ND	101	65-135	2	25	
1,1-Dichloropropene	26.6	2.0	ug/l	25.0	ND	107	70-135	4	20	
Ethylbenzene	25.6	2.0	ug/l	25.0	ND	102	65-130	3	20	
Hexachlorobutadiene	28.4	5.0	ug/l	25.0	ND	114	60-135	3	20	
Isopropylbenzene	25.5	2.0	ug/l	25.0	ND	102	70-135	3	20	
p-Isopropyltoluene	26.6	2.0	ug/l	25.0	ND	106	65-130	4	20	
Methylene chloride	20.3	5.0	ug/l	25.0	ND	81	50-135	6	20	
Naphthalene	25.3	5.0	ug/l	25.0	ND	101	50-140	4	30	
n-Propylbenzene	26.3	2.0	ug/l	25.0	ND	105	70-135	3	20	
Styrene	21.3	2.0	ug/l	25.0	ND	85	50-145	20	30	
1,1,1,2-Tetrachloroethane	29.0	5.0	ug/l	25.0	ND	116	65-140	2	20	
1,1,2,2-Tetrachloroethane	25.7	2.0	ug/l	25.0	ND	103	55-135	0	30	
Tetrachloroethene	24.8	2.0	ug/l	25.0	ND	99	65-130	3	20	
Toluene	23.1	2.0	ug/l	25.0	ND	92	70-125	4	20	
1,2,3-Trichlorobenzene	25.8	5.0	ug/l	25.0	ND	103	60-135	3	20	
1,2,4-Trichlorobenzene	26.9	5.0	ug/l	25.0	ND	108	65-135	3	20	
1,1,1-Trichloroethane	27.2	2.0	ug/l	25.0	ND	109	65-140	4	20	
1,1,2-Trichloroethane	23.7	2.0	ug/l	25.0	ND	95	65-130	2	25	
Trichloroethene	24.5	2.0	ug/l	25.0	0.610	96	65-125	3	20	
Trichlorofluoromethane	24.3	5.0	ug/l	25.0	ND	97	60-145	12	25	
1,2,3-Trichloropropane	24.7	10	ug/l	25.0	ND	99	55-135	0	30	
1,2,4-Trimethylbenzene	24.6	2.0	ug/l	25.0	ND	98	55-135	14	25	
1,3,5-Trimethylbenzene	23.9	2.0	ug/l	25.0	ND	96	70-130	11	20	
Vinyl chloride	23.2	5.0	ug/l	25.0	ND	93	45-140	22	30	
m,p-Xylenes	50.4	2.0	ug/l	50.0	ND	101	65-130	5	25	
o-Xylene	25.7	2.0	ug/l	25.0	ND	103	65-125	5	20	
Surrogate: 4-Bromofluorobenzene	*23.1*		*ug/l*	*25.0*		*92*	*80-120*			

TestAmerica Irvine

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K23014 Extracted: 11/23/08										
Matrix Spike Dup Analyzed: 11/23/2008 (8K23014-MSD1)					**Source: IRK2190-03**					
Surrogate: Dibromofluoromethane	*21.2*		*ug/l*	*25.0*		*85*	*80-120*			
Surrogate: Toluene-d8	*22.0*		*ug/l*	*25.0*		*88*	*80-120*			
Batch: 8K24048 Extracted: 11/24/08										
Blank Analyzed: 11/25/2008 (8K24048-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	200	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24048 Extracted: 11/24/08										
Blank Analyzed: 11/25/2008 (8K24048-BLK1)										
2,2-Dichloropropane	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
o-Xylene	ND	100	ug/kg							
Surrogate: 4-Bromofluorobenzene	*2490*		*ug/kg*	*2500*		*100*	*65-140*			
Surrogate: Dibromofluoromethane	*2170*		*ug/kg*	*2500*		*87*	*55-140*			
Surrogate: Toluene-d8	*2410*		*ug/kg*	*2500*		*96*	*60-140*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24048 Extracted: 11/24/08										
LCS Analyzed: 11/25/2008 (8K24048-BS1)										**MNR1**
Benzene	2400	100	ug/kg	2500		96	65-120			
Bromobenzene	2610	250	ug/kg	2500		104	70-120			
Bromochloromethane	2220	250	ug/kg	2500		89	65-125			
Bromodichloromethane	2740	100	ug/kg	2500		109	65-135			
Bromoform	2020	250	ug/kg	2500		81	50-130			
Bromomethane	2150	250	ug/kg	2500		86	30-140			
n-Butylbenzene	2850	250	ug/kg	2500		114	70-130			
tert-Butylbenzene	2860	250	ug/kg	2500		114	70-125			
sec-Butylbenzene	2840	250	ug/kg	2500		114	70-125			
Carbon tetrachloride	3080	250	ug/kg	2500		123	65-145			
Chlorobenzene	2690	100	ug/kg	2500		108	70-125			
Chloroethane	2580	250	ug/kg	2500		103	40-140			
Chloroform	2370	100	ug/kg	2500		95	75-130			
Chloromethane	2320	250	ug/kg	2500		93	30-140			
4-Chlorotoluene	2840	250	ug/kg	2500		113	70-125			
2-Chlorotoluene	2790	250	ug/kg	2500		112	70-125			
1,2-Dibromo-3-chloropropane	2200	250	ug/kg	2500		88	45-135			
Dibromochloromethane	2460	100	ug/kg	2500		99	65-140			
1,2-Dibromoethane (EDB)	2460	100	ug/kg	2500		99	70-130			
Dibromomethane	2410	100	ug/kg	2500		96	65-130			
1,2-Dichlorobenzene	2660	100	ug/kg	2500		106	70-120			
1,3-Dichlorobenzene	2700	100	ug/kg	2500		108	70-125			
1,4-Dichlorobenzene	2650	100	ug/kg	2500		106	70-125			
Dichlorodifluoromethane	1980	200	ug/kg	2500		79	10-155			
1,1-Dichloroethane	2560	100	ug/kg	2500		102	65-130			
1,2-Dichloroethane	2650	100	ug/kg	2500		106	60-145			
1,1-Dichloroethene	3190	250	ug/kg	2500		127	75-140			
cis-1,2-Dichloroethene	2450	100	ug/kg	2500		98	65-130			
trans-1,2-Dichloroethene	2670	100	ug/kg	2500		107	65-130			
1,3-Dichloropropane	2560	100	ug/kg	2500		102	65-130			
2,2-Dichloropropane	2880	100	ug/kg	2500		115	60-145			
1,2-Dichloropropane	2520	100	ug/kg	2500		101	75-125			
cis-1,3-Dichloropropene	3260	100	ug/kg	2500		131	70-130			*L*
trans-1,3-Dichloropropene	2630	100	ug/kg	2500		105	65-135			
1,1-Dichloropropene	2820	100	ug/kg	2500		113	70-130			
Ethylbenzene	2700	100	ug/kg	2500		108	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24048 Extracted: 11/24/08										
LCS Analyzed: 11/25/2008 (8K24048-BS1)										**MNR1**
Hexachlorobutadiene	2820	250	ug/kg	2500		113	60-135			
Isopropylbenzene	2720	100	ug/kg	2500		109	70-125			
p-Isopropyltoluene	2870	100	ug/kg	2500		115	70-125			
Methylene chloride	2360	1000	ug/kg	2500		95	60-140			
Naphthalene	2430	250	ug/kg	2500		97	50-140			
n-Propylbenzene	2790	100	ug/kg	2500		112	70-130			
Styrene	2810	100	ug/kg	2500		112	70-135			
1,1,1,2-Tetrachloroethane	2990	250	ug/kg	2500		120	70-140			
1,1,2,2-Tetrachloroethane	2560	100	ug/kg	2500		102	55-135			
Tetrachloroethene	2550	100	ug/kg	2500		102	65-125			
Toluene	2490	100	ug/kg	2500		100	80-120			
1,2,3-Trichlorobenzene	2500	250	ug/kg	2500		100	60-135			
1,2,4-Trichlorobenzene	2650	250	ug/kg	2500		106	65-135			
1,1,1-Trichloroethane	3180	100	ug/kg	2500		127	65-140			
1,1,2-Trichloroethane	2460	100	ug/kg	2500		98	65-130			
Trichloroethene	2570	100	ug/kg	2500		103	70-130			
Trichlorofluoromethane	2840	250	ug/kg	2500		114	50-145			
1,2,3-Trichloropropane	2460	500	ug/kg	2500		98	55-130			
1,2,4-Trimethylbenzene	2940	100	ug/kg	2500		118	70-125			
1,3,5-Trimethylbenzene	2820	100	ug/kg	2500		113	70-125			
Vinyl chloride	908	250	ug/kg	2500		36	10-120			
m,p-Xylenes	5430	100	ug/kg	5000		109	70-125			
o-Xylene	2780	100	ug/kg	2500		111	70-125			
Surrogate: 4-Bromofluorobenzene	*2420*		*ug/kg*	*2500*		*97*	*65-140*			
Surrogate: Dibromofluoromethane	*2170*		*ug/kg*	*2500*		*87*	*55-140*			
Surrogate: Toluene-d8	*2340*		*ug/kg*	*2500*		*94*	*60-140*			
LCS Dup Analyzed: 11/25/2008 (8K24048-BSD1)										
Benzene	2390	100	ug/kg	2500		96	65-120	1	20	
Bromobenzene	2570	250	ug/kg	2500		103	70-120	1	20	
Bromochloromethane	2250	250	ug/kg	2500		90	65-125	1	20	
Bromodichloromethane	2720	100	ug/kg	2500		109	65-135	1	20	
Bromoform	2060	250	ug/kg	2500		82	50-130	2	25	
Bromomethane	2070	250	ug/kg	2500		83	30-140	4	30	
n-Butylbenzene	2820	250	ug/kg	2500		113	70-130	1	20	
tert-Butylbenzene	2840	250	ug/kg	2500		114	70-125	1	20	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24048 Extracted: 11/24/08										
LCS Dup Analyzed: 11/25/2008 (8K24048-BSD1)										
sec-Butylbenzene	2810	250	ug/kg	2500		113	70-125	1	20	
Carbon tetrachloride	3050	250	ug/kg	2500		122	65-145	1	20	
Chlorobenzene	2670	100	ug/kg	2500		107	70-125	1	20	
Chloroethane	2540	250	ug/kg	2500		101	40-140	2	25	
Chloroform	2360	100	ug/kg	2500		95	75-130	0	20	
Chloromethane	2310	250	ug/kg	2500		92	30-140	1	25	
4-Chlorotoluene	2830	250	ug/kg	2500		113	70-125	0	20	
2-Chlorotoluene	2760	250	ug/kg	2500		111	70-125	1	20	
1,2-Dibromo-3-chloropropane	2290	250	ug/kg	2500		92	45-135	4	25	
Dibromochloromethane	2470	100	ug/kg	2500		99	65-140	0	20	
1,2-Dibromoethane (EDB)	2500	100	ug/kg	2500		100	70-130	1	20	
Dibromomethane	2420	100	ug/kg	2500		97	65-130	0	20	
1,2-Dichlorobenzene	2640	100	ug/kg	2500		106	70-120	1	20	
1,3-Dichlorobenzene	2700	100	ug/kg	2500		108	70-125	0	20	
1,4-Dichlorobenzene	2640	100	ug/kg	2500		105	70-125	1	20	
Dichlorodifluoromethane	1960	200	ug/kg	2500		78	10-155	1	30	
1,1-Dichloroethane	2520	100	ug/kg	2500		101	65-130	1	20	
1,2-Dichloroethane	2620	100	ug/kg	2500		105	60-145	1	20	
1,1-Dichloroethene	3140	250	ug/kg	2500		126	75-140	1	20	
cis-1,2-Dichloroethene	2470	100	ug/kg	2500		99	65-130	1	20	
trans-1,2-Dichloroethene	2640	100	ug/kg	2500		105	65-130	1	20	
1,3-Dichloropropane	2600	100	ug/kg	2500		104	65-130	1	20	
2,2-Dichloropropane	2870	100	ug/kg	2500		115	60-145	0	25	
1,2-Dichloropropane	2510	100	ug/kg	2500		100	75-125	0	20	
cis-1,3-Dichloropropene	3220	100	ug/kg	2500		129	70-130	1	20	
trans-1,3-Dichloropropene	2630	100	ug/kg	2500		105	65-135	0	20	
1,1-Dichloropropene	2800	100	ug/kg	2500		112	70-130	1	20	
Ethylbenzene	2670	100	ug/kg	2500		107	80-120	1	20	
Hexachlorobutadiene	2790	250	ug/kg	2500		112	60-135	1	20	
Isopropylbenzene	2710	100	ug/kg	2500		108	70-125	1	20	
p-Isopropyltoluene	2840	100	ug/kg	2500		114	70-125	1	20	
Methylene chloride	2340	1000	ug/kg	2500		94	60-140	1	20	
Naphthalene	2490	250	ug/kg	2500		100	50-140	2	25	
n-Propylbenzene	2770	100	ug/kg	2500		111	70-130	1	20	
Styrene	2770	100	ug/kg	2500		111	70-135	1	20	
1,1,1,2-Tetrachloroethane	2950	250	ug/kg	2500		118	70-140	2	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24048 Extracted: 11/24/08										
LCS Dup Analyzed: 11/25/2008 (8K24048-BSD1)										
1,1,2,2-Tetrachloroethane	2640	100	ug/kg	2500		106	55-135	3	25	
Tetrachloroethene	2550	100	ug/kg	2500		102	65-125	0	20	
Toluene	2460	100	ug/kg	2500		98	80-120	1	20	
1,2,3-Trichlorobenzene	2500	250	ug/kg	2500		100	60-135	0	20	
1,2,4-Trichlorobenzene	2630	250	ug/kg	2500		105	65-135	1	20	
1,1,1-Trichloroethane	3160	100	ug/kg	2500		126	65-140	1	20	
1,1,2-Trichloroethane	2470	100	ug/kg	2500		99	65-130	1	20	
Trichloroethene	2540	100	ug/kg	2500		102	70-130	1	20	
Trichlorofluoromethane	2750	250	ug/kg	2500		110	50-145	3	25	
1,2,3-Trichloropropane	2520	500	ug/kg	2500		101	55-130	3	25	
1,2,4-Trimethylbenzene	2910	100	ug/kg	2500		116	70-125	1	20	
1,3,5-Trimethylbenzene	2780	100	ug/kg	2500		111	70-125	1	20	
Vinyl chloride	880	250	ug/kg	2500		35	10-120	3	30	
m,p-Xylenes	5400	100	ug/kg	5000		108	70-125	1	20	
o-Xylene	2740	100	ug/kg	2500		109	70-125	2	20	
Surrogate: 4-Bromofluorobenzene	*2630*		*ug/kg*	*2500*		*105*	*65-140*			
Surrogate: Dibromofluoromethane	*2360*		*ug/kg*	*2500*		*94*	*55-140*			
Surrogate: Toluene-d8	*2530*		*ug/kg*	*2500*		*101*	*60-140*			
Batch: 8K24057 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008 (8K24057-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24057 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008 (8K24057-BLK1)										
4-Chlorotoluene	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							

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Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24057 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008 (8K24057-BLK1)										
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
LCS Analyzed: 11/24/2008 (8K24057-BS1)										
Benzene	21.6	2.0	ug/l	25.0		87	70-120			
Bromobenzene	24.2	5.0	ug/l	25.0		97	75-120			
Bromochloromethane	23.2	5.0	ug/l	25.0		93	70-130			
Bromodichloromethane	22.8	2.0	ug/l	25.0		91	70-135			
Bromoform	24.5	5.0	ug/l	25.0		98	55-130			
Bromomethane	23.4	5.0	ug/l	25.0		94	65-140			
n-Butylbenzene	22.1	5.0	ug/l	25.0		89	70-130			
tert-Butylbenzene	23.6	5.0	ug/l	25.0		94	70-125			
sec-Butylbenzene	21.7	5.0	ug/l	25.0		87	70-125			
Carbon tetrachloride	22.8	5.0	ug/l	25.0		91	65-140			
Chlorobenzene	23.4	2.0	ug/l	25.0		93	75-120			
Chloroethane	23.0	5.0	ug/l	25.0		92	60-140			
Chloroform	20.8	2.0	ug/l	25.0		83	70-130			
Chloromethane	25.4	5.0	ug/l	25.0		102	50-140			
4-Chlorotoluene	22.8	5.0	ug/l	25.0		91	75-125			
2-Chlorotoluene	22.0	5.0	ug/l	25.0		88	70-125			
1,2-Dibromo-3-chloropropane	26.5	5.0	ug/l	25.0		106	50-135			
Dibromochloromethane	24.1	2.0	ug/l	25.0		96	70-140			
1,2-Dibromoethane (EDB)	24.8	2.0	ug/l	25.0		99	75-125			
Dibromomethane	23.2	2.0	ug/l	25.0		93	70-125			
1,2-Dichlorobenzene	24.1	2.0	ug/l	25.0		96	75-120			
1,3-Dichlorobenzene	24.4	2.0	ug/l	25.0		98	75-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24057 Extracted: 11/24/08										
LCS Analyzed: 11/24/2008 (8K24057-BS1)										
1,4-Dichlorobenzene	23.0	2.0	ug/l	25.0		92	75-120			
Dichlorodifluoromethane	29.4	5.0	ug/l	25.0		118	35-155			
1,1-Dichloroethane	20.8	2.0	ug/l	25.0		83	70-125			
1,2-Dichloroethane	23.7	2.0	ug/l	25.0		95	60-140			
1,1-Dichloroethene	21.0	5.0	ug/l	25.0		84	70-125			
cis-1,2-Dichloroethene	20.9	2.0	ug/l	25.0		84	70-125			
trans-1,2-Dichloroethene	22.8	2.0	ug/l	25.0		91	70-125			
1,3-Dichloropropane	24.4	2.0	ug/l	25.0		98	70-120			
2,2-Dichloropropane	20.3	2.0	ug/l	25.0		81	65-140			
1,2-Dichloropropane	22.4	2.0	ug/l	25.0		90	70-125			
cis-1,3-Dichloropropene	24.0	2.0	ug/l	25.0		96	75-125			
trans-1,3-Dichloropropene	24.4	2.0	ug/l	25.0		97	70-125			
1,1-Dichloropropene	23.0	2.0	ug/l	25.0		92	75-130			
Ethylbenzene	22.4	2.0	ug/l	25.0		90	75-125			
Hexachlorobutadiene	23.8	5.0	ug/l	25.0		95	65-135			
Isopropylbenzene	25.5	2.0	ug/l	25.0		102	75-130			
p-Isopropyltoluene	23.7	2.0	ug/l	25.0		95	75-125			
Methylene chloride	21.0	5.0	ug/l	25.0		84	55-130			
Naphthalene	26.0	5.0	ug/l	25.0		104	55-135			
n-Propylbenzene	23.0	2.0	ug/l	25.0		92	75-130			
Styrene	25.2	2.0	ug/l	25.0		101	75-130			
1,1,1,2-Tetrachloroethane	23.4	5.0	ug/l	25.0		94	70-130			
1,1,2,2-Tetrachloroethane	22.8	2.0	ug/l	25.0		91	55-130			
Tetrachloroethene	24.0	2.0	ug/l	25.0		96	70-125			
Toluene	21.8	2.0	ug/l	25.0		87	70-120			
1,2,3-Trichlorobenzene	27.7	5.0	ug/l	25.0		111	65-125			
1,2,4-Trichlorobenzene	26.2	5.0	ug/l	25.0		105	70-135			
1,1,1-Trichloroethane	22.7	2.0	ug/l	25.0		91	65-135			
1,1,2-Trichloroethane	24.0	2.0	ug/l	25.0		96	70-125			
Trichloroethene	23.2	2.0	ug/l	25.0		93	70-125			
Trichlorofluoromethane	23.4	5.0	ug/l	25.0		94	65-145			
1,2,3-Trichloropropane	23.6	10	ug/l	25.0		95	60-130			
1,2,4-Trimethylbenzene	23.0	2.0	ug/l	25.0		92	75-125			
1,3,5-Trimethylbenzene	23.8	2.0	ug/l	25.0		95	75-125			
Vinyl chloride	23.6	5.0	ug/l	25.0		94	55-135			
m,p-Xylenes	47.5	2.0	ug/l	50.0		95	75-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24057 Extracted: 11/24/08										
LCS Analyzed: 11/24/2008 (8K24057-BS1)										
o-Xylene	23.2	2.0	ug/l	25.0		93	75-125			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*23.7*		*ug/l*	*25.0*		*95*	*80-120*			
Matrix Spike Analyzed: 11/24/2008 (8K24057-MS1)					**Source: IRK2353-02**					
Benzene	24.0	2.0	ug/l	25.0	ND	96	65-125			
Bromobenzene	25.4	5.0	ug/l	25.0	ND	102	70-125			
Bromochloromethane	25.7	5.0	ug/l	25.0	ND	103	65-135			
Bromodichloromethane	26.3	2.0	ug/l	25.0	ND	105	70-135			
Bromoform	28.8	5.0	ug/l	25.0	ND	115	55-135			
Bromomethane	26.3	5.0	ug/l	25.0	ND	105	55-145			
n-Butylbenzene	22.6	5.0	ug/l	25.0	ND	90	65-135			
tert-Butylbenzene	24.4	5.0	ug/l	25.0	ND	98	65-130			
sec-Butylbenzene	22.6	5.0	ug/l	25.0	ND	90	70-125			
Carbon tetrachloride	26.3	5.0	ug/l	25.0	ND	105	65-140			
Chlorobenzene	27.2	2.0	ug/l	25.0	ND	109	75-125			
Chloroethane	25.0	5.0	ug/l	25.0	ND	100	55-140			
Chloroform	23.7	2.0	ug/l	25.0	ND	95	65-135			
Chloromethane	23.9	5.0	ug/l	25.0	ND	96	45-145			
4-Chlorotoluene	23.9	5.0	ug/l	25.0	ND	95	70-135			
2-Chlorotoluene	23.7	5.0	ug/l	25.0	ND	95	65-135			
1,2-Dibromo-3-chloropropane	28.2	5.0	ug/l	25.0	ND	113	45-145			
Dibromochloromethane	28.7	2.0	ug/l	25.0	ND	115	65-140			
1,2-Dibromoethane (EDB)	28.5	2.0	ug/l	25.0	ND	114	70-130			
Dibromomethane	26.6	2.0	ug/l	25.0	ND	106	65-135			
1,2-Dichlorobenzene	26.0	2.0	ug/l	25.0	ND	104	75-125			
1,3-Dichlorobenzene	26.1	2.0	ug/l	25.0	ND	105	75-125			
1,4-Dichlorobenzene	24.7	2.0	ug/l	25.0	ND	99	75-125			
Dichlorodifluoromethane	40.4	5.0	ug/l	25.0	ND	162	25-155			*M1*
1,1-Dichloroethane	23.7	2.0	ug/l	25.0	ND	95	65-130			
1,2-Dichloroethane	29.0	2.0	ug/l	25.0	0.860	113	60-140			
1,1-Dichloroethene	23.5	5.0	ug/l	25.0	ND	94	60-130			
cis-1,2-Dichloroethene	23.4	2.0	ug/l	25.0	ND	93	65-130			
trans-1,2-Dichloroethene	24.8	2.0	ug/l	25.0	ND	99	65-130			
1,3-Dichloropropane	28.2	2.0	ug/l	25.0	ND	113	65-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24057 Extracted: 11/24/08										
Matrix Spike Analyzed: 11/24/2008 (8K24057-MS1)					**Source: IRK2353-02**					
2,2-Dichloropropane	23.3	2.0	ug/l	25.0	ND	93	60-145			
1,2-Dichloropropane	25.1	2.0	ug/l	25.0	ND	100	65-130			
cis-1,3-Dichloropropene	27.2	2.0	ug/l	25.0	ND	109	70-130			
trans-1,3-Dichloropropene	27.9	2.0	ug/l	25.0	ND	111	65-135			
1,1-Dichloropropene	25.3	2.0	ug/l	25.0	ND	101	70-135			
Ethylbenzene	25.9	2.0	ug/l	25.0	ND	103	65-130			
Hexachlorobutadiene	24.4	5.0	ug/l	25.0	ND	98	60-135			
Isopropylbenzene	26.8	2.0	ug/l	25.0	ND	107	70-135			
p-Isopropyltoluene	24.2	2.0	ug/l	25.0	ND	97	65-130			
Methylene chloride	23.4	5.0	ug/l	25.0	ND	94	50-135			
Naphthalene	25.4	5.0	ug/l	25.0	ND	102	50-140			
n-Propylbenzene	23.8	2.0	ug/l	25.0	ND	95	70-135			
Styrene	23.4	2.0	ug/l	25.0	ND	94	50-145			
1,1,1,2-Tetrachloroethane	27.9	5.0	ug/l	25.0	ND	112	65-140			
1,1,2,2-Tetrachloroethane	24.1	2.0	ug/l	25.0	ND	96	55-135			
Tetrachloroethene	27.2	2.0	ug/l	25.0	ND	109	65-130			
Toluene	24.1	2.0	ug/l	25.0	ND	97	70-125			
1,2,3-Trichlorobenzene	29.0	5.0	ug/l	25.0	ND	116	60-135			
1,2,4-Trichlorobenzene	27.9	5.0	ug/l	25.0	ND	112	65-135			
1,1,1-Trichloroethane	25.8	2.0	ug/l	25.0	ND	103	65-140			
1,1,2-Trichloroethane	27.4	2.0	ug/l	25.0	ND	110	65-130			
Trichloroethene	26.2	2.0	ug/l	25.0	ND	105	65-125			
Trichlorofluoromethane	25.9	5.0	ug/l	25.0	ND	103	60-145			
1,2,3-Trichloropropane	24.7	10	ug/l	25.0	ND	99	55-135			
1,2,4-Trimethylbenzene	22.3	2.0	ug/l	25.0	ND	89	55-135			
1,3,5-Trimethylbenzene	23.4	2.0	ug/l	25.0	ND	94	70-130			
Vinyl chloride	27.0	5.0	ug/l	25.0	ND	108	45-140			
m,p-Xylenes	54.4	2.0	ug/l	50.0	ND	109	65-130			
o-Xylene	28.2	2.0	ug/l	25.0	ND	113	65-125			
Surrogate: 4-Bromofluorobenzene	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: Dibromofluoromethane	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*24.1*		*ug/l*	*25.0*		*96*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24057 Extracted: 11/24/08										
Matrix Spike Dup Analyzed: 11/24/2008 (8K24057-MSD1)					**Source: IRK2353-02**					
Benzene	25.5	2.0	ug/l	25.0	ND	102	65-125	6	20	
Bromobenzene	27.1	5.0	ug/l	25.0	ND	108	70-125	6	20	
Bromochloromethane	27.3	5.0	ug/l	25.0	ND	109	65-135	6	25	
Bromodichloromethane	26.7	2.0	ug/l	25.0	ND	107	70-135	2	20	
Bromoform	35.2	5.0	ug/l	25.0	ND	141	55-135	20	25	*M1*
Bromomethane	27.0	5.0	ug/l	25.0	ND	108	55-145	3	25	
n-Butylbenzene	22.9	5.0	ug/l	25.0	ND	92	65-135	1	20	
tert-Butylbenzene	25.0	5.0	ug/l	25.0	ND	100	65-130	2	20	
sec-Butylbenzene	23.6	5.0	ug/l	25.0	ND	94	70-125	4	20	
Carbon tetrachloride	25.8	5.0	ug/l	25.0	ND	103	65-140	2	25	
Chlorobenzene	32.2	2.0	ug/l	25.0	ND	129	75-125	17	20	*M1*
Chloroethane	26.4	5.0	ug/l	25.0	ND	106	55-140	6	25	
Chloroform	23.5	2.0	ug/l	25.0	ND	94	65-135	1	20	
Chloromethane	23.8	5.0	ug/l	25.0	ND	95	45-145	0	25	
4-Chlorotoluene	24.8	5.0	ug/l	25.0	ND	99	70-135	4	20	
2-Chlorotoluene	23.9	5.0	ug/l	25.0	ND	95	65-135	1	20	
1,2-Dibromo-3-chloropropane	31.4	5.0	ug/l	25.0	ND	126	45-145	11	30	
Dibromochloromethane	34.6	2.0	ug/l	25.0	ND	139	65-140	19	25	
1,2-Dibromoethane (EDB)	35.4	2.0	ug/l	25.0	ND	142	70-130	22	25	*M1*
Dibromomethane	27.6	2.0	ug/l	25.0	ND	111	65-135	4	25	
1,2-Dichlorobenzene	26.2	2.0	ug/l	25.0	ND	105	75-125	1	20	
1,3-Dichlorobenzene	26.7	2.0	ug/l	25.0	ND	107	75-125	2	20	
1,4-Dichlorobenzene	25.2	2.0	ug/l	25.0	ND	101	75-125	2	20	
Dichlorodifluoromethane	38.4	5.0	ug/l	25.0	ND	154	25-155	5	30	
1,1-Dichloroethane	24.0	2.0	ug/l	25.0	ND	96	65-130	1	20	
1,2-Dichloroethane	29.4	2.0	ug/l	25.0	0.860	114	60-140	1	20	
1,1-Dichloroethene	24.5	5.0	ug/l	25.0	ND	98	60-130	4	20	
cis-1,2-Dichloroethene	24.0	2.0	ug/l	25.0	ND	96	65-130	3	20	
trans-1,2-Dichloroethene	26.1	2.0	ug/l	25.0	ND	104	65-130	5	20	
1,3-Dichloropropane	34.5	2.0	ug/l	25.0	ND	138	65-135	20	25	*M1*
2,2-Dichloropropane	22.6	2.0	ug/l	25.0	ND	90	60-145	3	25	
1,2-Dichloropropane	26.5	2.0	ug/l	25.0	ND	106	65-130	5	20	
cis-1,3-Dichloropropene	28.5	2.0	ug/l	25.0	ND	114	70-130	5	20	
trans-1,3-Dichloropropene	29.3	2.0	ug/l	25.0	ND	117	65-135	5	25	
1,1-Dichloropropene	25.8	2.0	ug/l	25.0	ND	103	70-135	2	20	
Ethylbenzene	29.9	2.0	ug/l	25.0	ND	120	65-130	14	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24057 Extracted: 11/24/08										
Matrix Spike Dup Analyzed: 11/24/2008 (8K24057-MSD1)					**Source: IRK2353-02**					
Hexachlorobutadiene	24.6	5.0	ug/l	25.0	ND	98	60-135	1	20	
Isopropylbenzene	28.5	2.0	ug/l	25.0	ND	114	70-135	6	20	
p-Isopropyltoluene	24.8	2.0	ug/l	25.0	ND	99	65-130	3	20	
Methylene chloride	24.4	5.0	ug/l	25.0	ND	98	50-135	4	20	
Naphthalene	28.4	5.0	ug/l	25.0	ND	114	50-140	11	30	
n-Propylbenzene	24.3	2.0	ug/l	25.0	ND	97	70-135	2	20	
Styrene	27.0	2.0	ug/l	25.0	ND	108	50-145	15	30	
1,1,1,2-Tetrachloroethane	33.0	5.0	ug/l	25.0	ND	132	65-140	17	20	
1,1,2,2-Tetrachloroethane	27.4	2.0	ug/l	25.0	ND	110	55-135	13	30	
Tetrachloroethene	32.0	2.0	ug/l	25.0	ND	128	65-130	16	20	
Toluene	25.0	2.0	ug/l	25.0	ND	100	70-125	3	20	
1,2,3-Trichlorobenzene	29.5	5.0	ug/l	25.0	ND	118	60-135	2	20	
1,2,4-Trichlorobenzene	28.8	5.0	ug/l	25.0	ND	115	65-135	3	20	
1,1,1-Trichloroethane	25.3	2.0	ug/l	25.0	ND	101	65-140	2	20	
1,1,2-Trichloroethane	29.5	2.0	ug/l	25.0	ND	118	65-130	7	25	
Trichloroethene	26.8	2.0	ug/l	25.0	ND	107	65-125	2	20	
Trichlorofluoromethane	25.2	5.0	ug/l	25.0	ND	101	60-145	3	25	
1,2,3-Trichloropropane	28.0	10	ug/l	25.0	ND	112	55-135	13	30	
1,2,4-Trimethylbenzene	23.0	2.0	ug/l	25.0	ND	92	55-135	3	25	
1,3,5-Trimethylbenzene	25.0	2.0	ug/l	25.0	ND	100	70-130	6	20	
Vinyl chloride	26.8	5.0	ug/l	25.0	ND	107	45-140	1	30	
m,p-Xylenes	62.3	2.0	ug/l	50.0	ND	125	65-130	13	25	
o-Xylene	32.3	2.0	ug/l	25.0	ND	129	65-125	14	20	*M1*
Surrogate: 4-Bromofluorobenzene	*28.6*		*ug/l*	*25.0*		*114*	*80-120*			
Surrogate: Dibromofluoromethane	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24091 Extracted: 11/24/08										
Blank Analyzed: 11/26/2008 (8K24091-BLK1)										
Acenaphthene	ND	10	ug/l							
Acenaphthylene	ND	10	ug/l							
Aniline	ND	10	ug/l							
Anthracene	ND	10	ug/l							
Benzidine	ND	20	ug/l							
Benzo(a)anthracene	ND	10	ug/l							
Benzo(a)pyrene	ND	10	ug/l							
Benzo(b)fluoranthene	ND	10	ug/l							
Benzo(g,h,i)perylene	ND	10	ug/l							
Benzo(k)fluoranthene	ND	10	ug/l							
Benzoic acid	ND	20	ug/l							
Benzyl alcohol	ND	20	ug/l							
4-Bromophenyl phenyl ether	ND	10	ug/l							
Butyl benzyl phthalate	ND	20	ug/l							
4-Chloro-3-methylphenol	ND	20	ug/l							
4-Chloroaniline	ND	10	ug/l							
Bis(2-chloroethoxy)methane	ND	10	ug/l							
Bis(2-chloroethyl)ether	ND	10	ug/l							
Bis(2-chloroisopropyl)ether	ND	10	ug/l							
2-Chloronaphthalene	ND	10	ug/l							
2-Chlorophenol	ND	10	ug/l							
4-Chlorophenyl phenyl ether	ND	10	ug/l							
Chrysene	ND	10	ug/l							
Dibenz(a,h)anthracene	ND	20	ug/l							
Dibenzofuran	ND	10	ug/l							
Di-n-butyl phthalate	ND	20	ug/l							
1,2-Dichlorobenzene	ND	10	ug/l							
1,3-Dichlorobenzene	ND	10	ug/l							
1,4-Dichlorobenzene	ND	10	ug/l							
3,3'-Dichlorobenzidine	ND	20	ug/l							
2,4-Dichlorophenol	ND	10	ug/l							
Diethyl phthalate	ND	10	ug/l							
2,4-Dimethylphenol	ND	20	ug/l							
Dimethyl phthalate	ND	10	ug/l							
4,6-Dinitro-2-methylphenol	ND	20	ug/l							
2,4-Dinitrophenol	ND	20	ug/l							

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24091 Extracted: 11/24/08										
Blank Analyzed: 11/26/2008 (8K24091-BLK1)										
2,4-Dinitrotoluene	ND	10	ug/l							
2,6-Dinitrotoluene	ND	10	ug/l							
Di-n-octyl phthalate	ND	20	ug/l							
1,2-Diphenylhydrazine/Azobenzene	ND	20	ug/l							
Bis(2-ethylhexyl)phthalate	ND	50	ug/l							
Fluoranthene	ND	10	ug/l							
Fluorene	ND	10	ug/l							
Hexachlorobenzene	ND	10	ug/l							
Hexachlorobutadiene	ND	10	ug/l							
Hexachlorocyclopentadiene	ND	20	ug/l							
Hexachloroethane	ND	10	ug/l							
Indeno(1,2,3-cd)pyrene	ND	20	ug/l							
Isophorone	ND	10	ug/l							
2-Methylnaphthalene	ND	10	ug/l							
2-Methylphenol	ND	10	ug/l							
4-Methylphenol	ND	10	ug/l							
Naphthalene	ND	10	ug/l							
2-Nitroaniline	ND	20	ug/l							
3-Nitroaniline	ND	20	ug/l							
4-Nitroaniline	ND	20	ug/l							
Nitrobenzene	ND	20	ug/l							
2-Nitrophenol	ND	10	ug/l							
4-Nitrophenol	ND	20	ug/l							
N-Nitroso-di-n-propylamine	ND	10	ug/l							
N-Nitrosodiphenylamine	ND	10	ug/l							
Pentachlorophenol	ND	20	ug/l							
Phenanthrene	ND	10	ug/l							
Phenol	ND	10	ug/l							
Pyrene	ND	10	ug/l							
1,2,4-Trichlorobenzene	ND	10	ug/l							
2,4,5-Trichlorophenol	ND	20	ug/l							
2,4,6-Trichlorophenol	ND	20	ug/l							
Surrogate: 2,4,6-Tribromophenol	*188*		*ug/l*	*200*		*94*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*81.3*		*ug/l*	*100*		*81*	*50-120*			
Surrogate: 2-Fluorophenol	*140*		*ug/l*	*200*		*70*	*30-120*			
Surrogate: Nitrobenzene-d5	*85.1*		*ug/l*	*100*		*85*	*45-120*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24091 Extracted: 11/24/08										
Blank Analyzed: 11/26/2008 (8K24091-BLK1)										
Surrogate: Phenol-d6	*163*		*ug/l*	*200*		*82*	*35-120*			
Surrogate: Terphenyl-d14	*69.5*		*ug/l*	*100*		*70*	*50-125*			
LCS Analyzed: 11/26/2008 (8K24091-BS1)										**MNR1**
Acenaphthene	103	10	ug/l	100		103	60-120			
Acenaphthylene	110	10	ug/l	100		110	60-120			
Aniline	96.2	10	ug/l	100		96	35-120			
Anthracene	105	10	ug/l	100		105	65-120			
Benzidine	117	20	ug/l	100		117	30-160			
Benzo(a)anthracene	101	10	ug/l	100		101	65-120			
Benzo(a)pyrene	117	10	ug/l	100		117	55-130			
Benzo(b)fluoranthene	118	10	ug/l	100		118	55-125			
Benzo(g,h,i)perylene	113	10	ug/l	100		113	45-135			
Benzo(k)fluoranthene	114	10	ug/l	100		114	50-125			
Benzoic acid	107	20	ug/l	100		107	25-120			
Benzyl alcohol	111	20	ug/l	100		111	50-120			
4-Bromophenyl phenyl ether	105	10	ug/l	100		105	60-120			
Butyl benzyl phthalate	110	20	ug/l	100		110	55-130			
4-Chloro-3-methylphenol	119	20	ug/l	100		119	60-120			
4-Chloroaniline	116	10	ug/l	100		116	55-120			
Bis(2-chloroethoxy)methane	106	10	ug/l	100		106	55-120			
Bis(2-chloroethyl)ether	99.0	10	ug/l	100		99	50-120			
Bis(2-chloroisopropyl)ether	110	10	ug/l	100		110	45-120			
2-Chloronaphthalene	103	10	ug/l	100		103	60-120			
2-Chlorophenol	104	10	ug/l	100		104	45-120			
4-Chlorophenyl phenyl ether	108	10	ug/l	100		108	65-120			
Chrysene	102	10	ug/l	100		102	65-120			
Dibenz(a,h)anthracene	115	20	ug/l	100		115	50-135			
Dibenzofuran	103	10	ug/l	100		103	65-120			
Di-n-butyl phthalate	114	20	ug/l	100		114	60-125			
1,2-Dichlorobenzene	78.4	10	ug/l	100		78	40-120			
1,3-Dichlorobenzene	71.8	10	ug/l	100		72	35-120			
1,4-Dichlorobenzene	74.6	10	ug/l	100		75	35-120			
3,3'-Dichlorobenzidine	104	20	ug/l	100		104	45-135			
2,4-Dichlorophenol	112	10	ug/l	100		112	55-120			
Diethyl phthalate	109	10	ug/l	100		109	55-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24091 Extracted: 11/24/08										
LCS Analyzed: 11/26/2008 (8K24091-BS1)										**MNR1**
2,4-Dimethylphenol	96.3	20	ug/l	100		96	40-120			
Dimethyl phthalate	104	10	ug/l	100		104	30-120			
4,6-Dinitro-2-methylphenol	126	20	ug/l	100		126	45-120			*L*
2,4-Dinitrophenol	108	20	ug/l	100		108	40-120			
2,4-Dinitrotoluene	117	10	ug/l	100		117	65-120			
2,6-Dinitrotoluene	107	10	ug/l	100		107	65-120			
Di-n-octyl phthalate	144	20	ug/l	100		144	65-135			*L*
1,2-Diphenylhydrazine/Azobenzene	99.3	20	ug/l	100		99	60-120			
Bis(2-ethylhexyl)phthalate	117	50	ug/l	100		117	65-130			
Fluoranthene	106	10	ug/l	100		106	60-120			
Fluorene	107	10	ug/l	100		107	65-120			
Hexachlorobenzene	108	10	ug/l	100		108	60-120			
Hexachlorobutadiene	83.8	10	ug/l	100		84	40-120			
Hexachlorocyclopentadiene	79.9	20	ug/l	100		80	25-120			
Hexachloroethane	67.3	10	ug/l	100		67	35-120			
Indeno(1,2,3-cd)pyrene	119	20	ug/l	100		119	45-135			
Isophorone	115	10	ug/l	100		115	50-120			
2-Methylnaphthalene	105	10	ug/l	100		105	55-120			
2-Methylphenol	106	10	ug/l	100		106	50-120			
4-Methylphenol	106	10	ug/l	100		106	50-120			
Naphthalene	98.5	10	ug/l	100		98	55-120			
2-Nitroaniline	114	20	ug/l	100		114	65-120			
3-Nitroaniline	118	20	ug/l	100		118	60-120			
4-Nitroaniline	124	20	ug/l	100		124	55-125			
Nitrobenzene	106	20	ug/l	100		106	55-120			
2-Nitrophenol	115	10	ug/l	100		115	50-120			
4-Nitrophenol	109	20	ug/l	100		109	45-120			
N-Nitroso-di-n-propylamine	111	10	ug/l	100		111	45-120			
N-Nitrosodiphenylamine	101	10	ug/l	100		101	60-120			
Pentachlorophenol	138	20	ug/l	100		138	50-120			*L*
Phenanthrene	105	10	ug/l	100		105	65-120			
Phenol	101	10	ug/l	100		101	40-120			
Pyrene	99.8	10	ug/l	100		100	55-125			
1,2,4-Trichlorobenzene	90.4	10	ug/l	100		90	45-120			
2,4,5-Trichlorophenol	120	20	ug/l	100		120	55-120			
2,4,6-Trichlorophenol	112	20	ug/l	100		112	55-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24091 Extracted: 11/24/08										
LCS Analyzed: 11/26/2008 (8K24091-BS1)										**MNR1**
Surrogate: 2,4,6-Tribromophenol	*196*		*ug/l*	*200*		*98*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*85.9*		*ug/l*	*100*		*86*	*50-120*			
Surrogate: 2-Fluorophenol	*146*		*ug/l*	*200*		*73*	*30-120*			
Surrogate: Nitrobenzene-d5	*89.5*		*ug/l*	*100*		*90*	*45-120*			
Surrogate: Phenol-d6	*170*		*ug/l*	*200*		*85*	*35-120*			
Surrogate: Terphenyl-d14	*72.9*		*ug/l*	*100*		*73*	*50-125*			
LCS Dup Analyzed: 11/26/2008 (8K24091-BSD1)										
Acenaphthene	101	10	ug/l	100		101	60-120	2	20	
Acenaphthylene	106	10	ug/l	100		106	60-120	4	20	
Aniline	94.4	10	ug/l	100		94	35-120	2	30	
Anthracene	102	10	ug/l	100		102	65-120	3	20	
Benzidine	111	20	ug/l	100		111	30-160	6	35	
Benzo(a)anthracene	98.2	10	ug/l	100		98	65-120	2	20	
Benzo(a)pyrene	114	10	ug/l	100		114	55-130	3	25	
Benzo(b)fluoranthene	117	10	ug/l	100		117	55-125	2	25	
Benzo(g,h,i)perylene	111	10	ug/l	100		111	45-135	2	25	
Benzo(k)fluoranthene	109	10	ug/l	100		109	50-125	4	20	
Benzoic acid	105	20	ug/l	100		105	25-120	1	30	
Benzyl alcohol	111	20	ug/l	100		111	50-120	1	20	
4-Bromophenyl phenyl ether	104	10	ug/l	100		104	60-120	1	25	
Butyl benzyl phthalate	108	20	ug/l	100		108	55-130	1	20	
4-Chloro-3-methylphenol	118	20	ug/l	100		118	60-120	1	25	
4-Chloroaniline	111	10	ug/l	100		111	55-120	4	25	
Bis(2-chloroethoxy)methane	104	10	ug/l	100		104	55-120	3	20	
Bis(2-chloroethyl)ether	95.5	10	ug/l	100		96	50-120	4	20	
Bis(2-chloroisopropyl)ether	106	10	ug/l	100		106	45-120	4	20	
2-Chloronaphthalene	98.7	10	ug/l	100		99	60-120	4	20	
2-Chlorophenol	99.1	10	ug/l	100		99	45-120	5	25	
4-Chlorophenyl phenyl ether	107	10	ug/l	100		107	65-120	1	20	
Chrysene	97.8	10	ug/l	100		98	65-120	4	20	
Dibenz(a,h)anthracene	112	20	ug/l	100		112	50-135	3	25	
Dibenzofuran	95.5	10	ug/l	100		95	65-120	7	20	
Di-n-butyl phthalate	109	20	ug/l	100		109	60-125	5	20	
1,2-Dichlorobenzene	78.8	10	ug/l	100		79	40-120	0	25	
1,3-Dichlorobenzene	72.9	10	ug/l	100		73	35-120	2	25	

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24091 Extracted: 11/24/08										
LCS Dup Analyzed: 11/26/2008 (8K24091-BSD1)										
1,4-Dichlorobenzene	74.4	10	ug/l	100		74	35-120	0	25	
3,3'-Dichlorobenzidine	96.7	20	ug/l	100		97	45-135	7	25	
2,4-Dichlorophenol	107	10	ug/l	100		107	55-120	4	20	
Diethyl phthalate	107	10	ug/l	100		107	55-120	1	30	
2,4-Dimethylphenol	94.4	20	ug/l	100		94	40-120	2	25	
Dimethyl phthalate	105	10	ug/l	100		105	30-120	1	30	
4,6-Dinitro-2-methylphenol	125	20	ug/l	100		125	45-120	1	25	*L*
2,4-Dinitrophenol	110	20	ug/l	100		110	40-120	2	25	
2,4-Dinitrotoluene	117	10	ug/l	100		117	65-120	0	20	
2,6-Dinitrotoluene	109	10	ug/l	100		109	65-120	2	20	
Di-n-octyl phthalate	141	20	ug/l	100		141	65-135	3	20	*L*
1,2-Diphenylhydrazine/Azobenzene	97.9	20	ug/l	100		98	60-120	1	25	
Bis(2-ethylhexyl)phthalate	113	50	ug/l	100		113	65-130	3	20	
Fluoranthene	102	10	ug/l	100		102	60-120	5	20	
Fluorene	106	10	ug/l	100		106	65-120	1	20	
Hexachlorobenzene	108	10	ug/l	100		108	60-120	0	20	
Hexachlorobutadiene	80.7	10	ug/l	100		81	40-120	4	25	
Hexachlorocyclopentadiene	78.1	20	ug/l	100		78	25-120	2	30	
Hexachloroethane	68.7	10	ug/l	100		69	35-120	2	25	
Indeno(1,2,3-cd)pyrene	114	20	ug/l	100		114	45-135	4	25	
Isophorone	114	10	ug/l	100		114	50-120	1	20	
2-Methylnaphthalene	102	10	ug/l	100		102	55-120	3	20	
2-Methylphenol	101	10	ug/l	100		101	50-120	5	20	
4-Methylphenol	102	10	ug/l	100		102	50-120	4	20	
Naphthalene	95.4	10	ug/l	100		95	55-120	3	20	
2-Nitroaniline	111	20	ug/l	100		111	65-120	2	20	
3-Nitroaniline	118	20	ug/l	100		118	60-120	1	25	
4-Nitroaniline	122	20	ug/l	100		122	55-125	2	20	
Nitrobenzene	102	20	ug/l	100		102	55-120	4	25	
2-Nitrophenol	112	10	ug/l	100		112	50-120	2	25	
4-Nitrophenol	115	20	ug/l	100		115	45-120	5	30	
N-Nitroso-di-n-propylamine	109	10	ug/l	100		109	45-120	1	20	
N-Nitrosodiphenylamine	99.6	10	ug/l	100		100	60-120	1	20	
Pentachlorophenol	135	20	ug/l	100		135	50-120	2	25	*L*
Phenanthrene	101	10	ug/l	100		101	65-120	4	20	
Phenol	94.3	10	ug/l	100		94	40-120	7	25	

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Project ID: Oakland
B0031045.00003
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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24091 Extracted: 11/24/08										
LCS Dup Analyzed: 11/26/2008 (8K24091-BSD1)										
Pyrene	99.1	10	ug/l	100		99	55-125	1	25	
1,2,4-Trichlorobenzene	87.9	10	ug/l	100		88	45-120	3	20	
2,4,5-Trichlorophenol	117	20	ug/l	100		117	55-120	3	30	
2,4,6-Trichlorophenol	109	20	ug/l	100		109	55-120	3	30	
Surrogate: 2,4,6-Tribromophenol	*196*		*ug/l*	*200*		*98*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*82.4*		*ug/l*	*100*		*82*	*50-120*			
Surrogate: 2-Fluorophenol	*136*		*ug/l*	*200*		*68*	*30-120*			
Surrogate: Nitrobenzene-d5	*87.5*		*ug/l*	*100*		*87*	*45-120*			
Surrogate: Phenol-d6	*160*		*ug/l*	*200*		*80*	*35-120*			
Surrogate: Terphenyl-d14	*72.9*		*ug/l*	*100*		*73*	*50-125*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21057 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21057-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	660	ug/kg							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21057 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21057-BLK1)										
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*6950*		*ug/kg*	*6670*		*104*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2490*		*ug/kg*	*3330*		*75*	*35-120*			
Surrogate: 2-Fluorophenol	*5830*		*ug/kg*	*6670*		*87*	*25-120*			
Surrogate: Nitrobenzene-d5	*2300*		*ug/kg*	*3330*		*69*	*30-120*			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21057 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21057-BLK1)										
Surrogate: Phenol-d6	*5450*		*ug/kg*	*6670*		*82*	*35-120*			
Surrogate: Terphenyl-d14	*2490*		*ug/kg*	*3330*		*75*	*40-135*			
LCS Analyzed: 11/21/2008 (8K21057-BS1)										
Acenaphthene	2700	330	ug/kg	3330		81	50-120			
Acenaphthylene	2750	330	ug/kg	3330		82	50-120			
Aniline	2570	420	ug/kg	3330		77	25-120			
Anthracene	3190	330	ug/kg	3330		96	55-120			
Benzidine	1740	660	ug/kg	3330		52	20-120			
Benzo(a)anthracene	2980	330	ug/kg	3330		89	55-120			
Benzo(a)pyrene	2950	330	ug/kg	3330		88	50-125			
Benzo(b)fluoranthene	2840	330	ug/kg	3330		85	45-125			
Benzo(g,h,i)perylene	3780	330	ug/kg	3330		114	35-130			
Benzo(k)fluoranthene	3010	330	ug/kg	3330		90	45-125			
Benzoic acid	2740	830	ug/kg	3330		82	20-120			
Benzyl alcohol	3010	330	ug/kg	3330		90	35-120			
4-Bromophenyl phenyl ether	3000	330	ug/kg	3330		90	45-120			
Butyl benzyl phthalate	3130	330	ug/kg	3330		94	50-125			
4-Chloro-3-methylphenol	3080	330	ug/kg	3330		92	50-125			
4-Chloroaniline	2060	330	ug/kg	3330		62	20-120			
Bis(2-chloroethoxy)methane	2820	330	ug/kg	3330		85	45-120			
Bis(2-chloroethyl)ether	2720	170	ug/kg	3330		82	35-120			
Bis(2-chloroisopropyl)ether	2080	330	ug/kg	3330		62	40-120			
2-Chloronaphthalene	2830	330	ug/kg	3330		85	45-120			
2-Chlorophenol	2900	330	ug/kg	3330		87	40-120			
4-Chlorophenyl phenyl ether	3060	330	ug/kg	3330		92	55-120			
Chrysene	2970	330	ug/kg	3330		89	55-120			
Dibenz(a,h)anthracene	3370	420	ug/kg	3330		101	40-135			
Dibenzofuran	2900	330	ug/kg	3330		87	55-120			
Di-n-butyl phthalate	3580	330	ug/kg	3330		107	50-125			
1,2-Dichlorobenzene	2410	330	ug/kg	3330		72	40-120			
1,3-Dichlorobenzene	2260	330	ug/kg	3330		68	35-120			
1,4-Dichlorobenzene	2270	330	ug/kg	3330		68	35-120			
3,3'-Dichlorobenzidine	2210	830	ug/kg	3330		66	20-130			
2,4-Dichlorophenol	3300	330	ug/kg	3330		99	45-120			
Diethyl phthalate	2860	330	ug/kg	3330		86	50-125			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21057 Extracted: 11/21/08										
LCS Analyzed: 11/21/2008 (8K21057-BS1)										
2,4-Dimethylphenol	2730	330	ug/kg	3330		82	40-120			
Dimethyl phthalate	2940	330	ug/kg	3330		88	50-125			
4,6-Dinitro-2-methylphenol	3000	420	ug/kg	3330		90	40-120			
2,4-Dinitrophenol	2490	660	ug/kg	3330		75	25-120			
2,4-Dinitrotoluene	3070	330	ug/kg	3330		92	55-125			
2,6-Dinitrotoluene	2990	330	ug/kg	3330		90	55-125			
Di-n-octyl phthalate	2950	330	ug/kg	3330		89	50-135			
1,2-Diphenylhydrazine/Azobenzene	2390	330	ug/kg	3330		72	50-125			
Bis(2-ethylhexyl)phthalate	2770	330	ug/kg	3330		83	50-130			
Fluoranthene	3630	330	ug/kg	3330		109	55-120			
Fluorene	2990	330	ug/kg	3330		90	55-120			
Hexachlorobenzene	3030	330	ug/kg	3330		91	50-120			
Hexachlorobutadiene	2650	330	ug/kg	3330		80	40-120			
Hexachlorocyclopentadiene	2310	830	ug/kg	3330		69	30-125			
Hexachloroethane	2160	330	ug/kg	3330		65	40-120			
Indeno(1,2,3-cd)pyrene	3340	330	ug/kg	3330		100	30-135			
Isophorone	2610	330	ug/kg	3330		78	40-120			
2-Methylnaphthalene	2780	330	ug/kg	3330		83	45-120			
2-Methylphenol	2970	330	ug/kg	3330		89	40-120			
4-Methylphenol	3060	330	ug/kg	3330		92	45-120			
Naphthalene	2620	330	ug/kg	3330		79	45-120			
2-Nitroaniline	2740	330	ug/kg	3330		82	50-125			
3-Nitroaniline	2420	330	ug/kg	3330		72	35-120			
4-Nitroaniline	3030	830	ug/kg	3330		91	45-125			
Nitrobenzene	2410	330	ug/kg	3330		72	45-120			
2-Nitrophenol	2880	330	ug/kg	3330		86	45-120			
4-Nitrophenol	2060	830	ug/kg	3330		62	40-125			
N-Nitroso-di-n-propylamine	2660	250	ug/kg	3330		80	40-120			
N-Nitrosodiphenylamine	2910	330	ug/kg	3330		87	50-120			
Pentachlorophenol	3350	830	ug/kg	3330		101	40-120			
Phenanthrene	3230	330	ug/kg	3330		97	50-120			
Phenol	2810	330	ug/kg	3330		84	40-120			
Pyrene	2740	330	ug/kg	3330		82	45-125			
1,2,4-Trichlorobenzene	2570	330	ug/kg	3330		77	40-120			
2,4,5-Trichlorophenol	3160	330	ug/kg	3330		95	50-120			
2,4,6-Trichlorophenol	3010	330	ug/kg	3330		90	50-120			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21057 Extracted: 11/21/08										
LCS Analyzed: 11/21/2008 (8K21057-BS1)										
Surrogate: 2,4,6-Tribromophenol	*5870*		*ug/kg*	*6670*		*88*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2630*		*ug/kg*	*3330*		*79*	*35-120*			
Surrogate: 2-Fluorophenol	*5720*		*ug/kg*	*6670*		*86*	*25-120*			
Surrogate: Nitrobenzene-d5	*2300*		*ug/kg*	*3330*		*69*	*30-120*			
Surrogate: Phenol-d6	*5760*		*ug/kg*	*6670*		*86*	*35-120*			
Surrogate: Terphenyl-d14	*2480*		*ug/kg*	*3330*		*75*	*40-135*			
Matrix Spike Analyzed: 11/21/2008 (8K21057-MS1)					**Source: IRK2075-04**					
Acenaphthene	2630	330	ug/kg	3330	ND	79	45-120			
Acenaphthylene	2690	330	ug/kg	3330	ND	81	45-120			
Aniline	568	420	ug/kg	3330	ND	17	25-120			*M2*
Anthracene	3120	330	ug/kg	3330	ND	94	55-120			
Benzidine	ND	660	ug/kg	3330	ND		20-120			*M2*
Benzo(a)anthracene	2870	330	ug/kg	3330	ND	86	50-120			
Benzo(a)pyrene	2770	330	ug/kg	3330	ND	83	45-125			
Benzo(b)fluoranthene	2640	330	ug/kg	3330	ND	79	45-125			
Benzo(g,h,i)perylene	3690	330	ug/kg	3330	ND	111	25-130			
Benzo(k)fluoranthene	2920	330	ug/kg	3330	ND	88	45-125			
Benzoic acid	3010	830	ug/kg	3330	ND	90	20-120			
Benzyl alcohol	3130	330	ug/kg	3330	ND	94	20-120			
4-Bromophenyl phenyl ether	2840	330	ug/kg	3330	ND	85	45-120			
Butyl benzyl phthalate	3060	330	ug/kg	3330	ND	92	45-125			
4-Chloro-3-methylphenol	3120	330	ug/kg	3330	ND	94	50-125			
4-Chloroaniline	1670	330	ug/kg	3330	ND	50	20-120			
Bis(2-chloroethoxy)methane	2730	330	ug/kg	3330	ND	82	45-120			
Bis(2-chloroethyl)ether	2690	170	ug/kg	3330	ND	81	35-110			
Bis(2-chloroisopropyl)ether	2090	330	ug/kg	3330	ND	63	40-120			
2-Chloronaphthalene	2780	330	ug/kg	3330	ND	83	45-120			
2-Chlorophenol	2940	330	ug/kg	3330	ND	88	40-120			
4-Chlorophenyl phenyl ether	2920	330	ug/kg	3330	ND	87	50-120			
Chrysene	2940	330	ug/kg	3330	ND	88	55-120			
Dibenz(a,h)anthracene	3090	420	ug/kg	3330	ND	93	25-135			
Dibenzofuran	2830	330	ug/kg	3330	ND	85	50-120			
Di-n-butyl phthalate	3470	330	ug/kg	3330	ND	104	50-125			
1,2-Dichlorobenzene	2450	330	ug/kg	3330	ND	74	40-120			
1,3-Dichlorobenzene	2230	330	ug/kg	3330	ND	67	35-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21057 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/21/2008 (8K21057-MS1)					**Source: IRK2075-04**					
1,4-Dichlorobenzene	2290	330	ug/kg	3330	ND	69	35-120			
3,3'-Dichlorobenzidine	1320	830	ug/kg	3330	ND	40	20-130			
2,4-Dichlorophenol	3300	330	ug/kg	3330	ND	99	45-120			
Diethyl phthalate	2710	330	ug/kg	3330	ND	81	50-125			
2,4-Dimethylphenol	2970	330	ug/kg	3330	ND	89	30-120			
Dimethyl phthalate	2840	330	ug/kg	3330	ND	85	45-125			
4,6-Dinitro-2-methylphenol	2940	420	ug/kg	3330	ND	88	35-120			
2,4-Dinitrophenol	2420	660	ug/kg	3330	ND	73	20-120			
2,4-Dinitrotoluene	2930	330	ug/kg	3330	ND	88	50-125			
2,6-Dinitrotoluene	2870	330	ug/kg	3330	ND	86	50-125			
Di-n-octyl phthalate	2870	330	ug/kg	3330	ND	86	50-135			
1,2-Diphenylhydrazine/Azobenzene	2310	330	ug/kg	3330	ND	69	50-125			
Bis(2-ethylhexyl)phthalate	2670	330	ug/kg	3330	ND	80	45-130			
Fluoranthene	3490	330	ug/kg	3330	ND	105	45-120			
Fluorene	2920	330	ug/kg	3330	ND	88	50-120			
Hexachlorobenzene	2900	330	ug/kg	3330	ND	87	50-120			
Hexachlorobutadiene	2710	330	ug/kg	3330	ND	81	40-120			
Hexachlorocyclopentadiene	2300	830	ug/kg	3330	ND	69	20-125			
Hexachloroethane	2150	330	ug/kg	3330	ND	65	35-120			
Indeno(1,2,3-cd)pyrene	3300	330	ug/kg	3330	ND	99	20-130			
Isophorone	2620	330	ug/kg	3330	ND	78	40-120			
2-Methylnaphthalene	2820	330	ug/kg	3330	ND	85	40-120			
2-Methylphenol	3080	330	ug/kg	3330	ND	92	40-120			
4-Methylphenol	3180	330	ug/kg	3330	ND	95	45-120			
Naphthalene	2580	330	ug/kg	3330	ND	78	40-120			
2-Nitroaniline	2650	330	ug/kg	3330	ND	80	45-120			
3-Nitroaniline	2200	330	ug/kg	3330	ND	66	30-120			
4-Nitroaniline	2790	830	ug/kg	3330	ND	84	40-125			
Nitrobenzene	2430	330	ug/kg	3330	ND	73	40-120			
2-Nitrophenol	2850	330	ug/kg	3330	ND	86	40-120			
4-Nitrophenol	2100	830	ug/kg	3330	ND	63	35-125			
N-Nitroso-di-n-propylamine	2730	250	ug/kg	3330	ND	82	35-120			
N-Nitrosodiphenylamine	2660	330	ug/kg	3330	ND	80	45-125			
Pentachlorophenol	3560	830	ug/kg	3330	ND	107	30-120			
Phenanthrene	3120	330	ug/kg	3330	ND	94	50-120			
Phenol	2900	330	ug/kg	3330	ND	87	40-120			

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Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21057 Extracted: 11/21/08										
Matrix Spike Analyzed: 11/21/2008 (8K21057-MS1)					**Source: IRK2075-04**					
Pyrene	2680	330	ug/kg	3330	ND	80	40-125			
1,2,4-Trichlorobenzene	2530	330	ug/kg	3330	ND	76	40-120			
2,4,5-Trichlorophenol	3120	330	ug/kg	3330	ND	93	45-120			
2,4,6-Trichlorophenol	2980	330	ug/kg	3330	ND	90	45-120			
Surrogate: 2,4,6-Tribromophenol	*5680*		*ug/kg*	*6670*		*85*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2580*		*ug/kg*	*3330*		*78*	*35-120*			
Surrogate: 2-Fluorophenol	*5700*		*ug/kg*	*6670*		*85*	*25-120*			
Surrogate: Nitrobenzene-d5	*2330*		*ug/kg*	*3330*		*70*	*30-120*			
Surrogate: Phenol-d6	*5890*		*ug/kg*	*6670*		*88*	*35-120*			
Surrogate: Terphenyl-d14	*2440*		*ug/kg*	*3330*		*73*	*40-135*			
Matrix Spike Dup Analyzed: 11/21/2008 (8K21057-MSD1)					**Source: IRK2075-04**					
Acenaphthene	2810	330	ug/kg	3330	ND	84	45-120	6	25	
Acenaphthylene	2870	330	ug/kg	3330	ND	86	45-120	7	20	
Aniline	229	420	ug/kg	3330	ND	7	25-120	85	30	*M2, R-3*
Anthracene	3440	330	ug/kg	3330	ND	103	55-120	10	25	
Benzidine	ND	660	ug/kg	3330	ND		20-120		30	*M2*
Benzo(a)anthracene	3190	330	ug/kg	3330	ND	96	50-120	11	25	
Benzo(a)pyrene	3050	330	ug/kg	3330	ND	91	45-125	10	25	
Benzo(b)fluoranthene	2910	330	ug/kg	3330	ND	87	45-125	10	30	
Benzo(g,h,i)perylene	3940	330	ug/kg	3330	ND	118	25-130	7	30	
Benzo(k)fluoranthene	3210	330	ug/kg	3330	ND	96	45-125	10	30	
Benzoic acid	3200	830	ug/kg	3330	ND	96	20-120	6	30	
Benzyl alcohol	3380	330	ug/kg	3330	ND	102	20-120	8	30	
4-Bromophenyl phenyl ether	3280	330	ug/kg	3330	ND	99	45-120	14	20	
Butyl benzyl phthalate	3310	330	ug/kg	3330	ND	99	45-125	8	25	
4-Chloro-3-methylphenol	3340	330	ug/kg	3330	ND	100	50-125	7	25	
4-Chloroaniline	1400	330	ug/kg	3330	ND	42	20-120	18	30	
Bis(2-chloroethoxy)methane	2950	330	ug/kg	3330	ND	89	45-120	8	25	
Bis(2-chloroethyl)ether	2900	170	ug/kg	3330	ND	87	35-110	7	25	
Bis(2-chloroisopropyl)ether	2210	330	ug/kg	3330	ND	66	40-120	6	25	
2-Chloronaphthalene	2970	330	ug/kg	3330	ND	89	45-120	7	20	
2-Chlorophenol	3200	330	ug/kg	3330	ND	96	40-120	9	20	
4-Chlorophenyl phenyl ether	3160	330	ug/kg	3330	ND	95	50-120	8	25	
Chrysene	3190	330	ug/kg	3330	ND	96	55-120	8	25	
Dibenz(a,h)anthracene	3390	420	ug/kg	3330	ND	102	25-135	9	30	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21057 Extracted: 11/21/08										
Matrix Spike Dup Analyzed: 11/21/2008 (8K21057-MSD1)					**Source: IRK2075-04**					
Dibenzofuran	2990	330	ug/kg	3330	ND	90	50-120	5	25	
Di-n-butyl phthalate	3750	330	ug/kg	3330	ND	113	50-125	8	25	
1,2-Dichlorobenzene	2700	330	ug/kg	3330	ND	81	40-120	10	25	
1,3-Dichlorobenzene	2450	330	ug/kg	3330	ND	74	35-120	9	25	
1,4-Dichlorobenzene	2520	330	ug/kg	3330	ND	76	35-120	10	25	
3,3'-Dichlorobenzidine	1340	830	ug/kg	3330	ND	40	20-130	1	25	
2,4-Dichlorophenol	3600	330	ug/kg	3330	ND	108	45-120	9	25	
Diethyl phthalate	2940	330	ug/kg	3330	ND	88	50-125	8	25	
2,4-Dimethylphenol	3210	330	ug/kg	3330	ND	96	30-120	8	25	
Dimethyl phthalate	2960	330	ug/kg	3330	ND	89	45-125	4	25	
4,6-Dinitro-2-methylphenol	3220	420	ug/kg	3330	ND	97	35-120	9	25	
2,4-Dinitrophenol	2650	660	ug/kg	3330	ND	79	20-120	9	25	
2,4-Dinitrotoluene	3160	330	ug/kg	3330	ND	95	50-125	7	25	
2,6-Dinitrotoluene	3020	330	ug/kg	3330	ND	91	50-125	5	20	
Di-n-octyl phthalate	3150	330	ug/kg	3330	ND	95	50-135	9	25	
1,2-Diphenylhydrazine/Azobenzene	2370	330	ug/kg	3330	ND	71	50-125	3	25	
Bis(2-ethylhexyl)phthalate	2910	330	ug/kg	3330	ND	87	45-130	9	25	
Fluoranthene	3800	330	ug/kg	3330	ND	114	45-120	9	25	
Fluorene	3080	330	ug/kg	3330	ND	92	50-120	5	25	
Hexachlorobenzene	3380	330	ug/kg	3330	ND	101	50-120	15	25	
Hexachlorobutadiene	2950	330	ug/kg	3330	ND	89	40-120	8	25	
Hexachlorocyclopentadiene	2640	830	ug/kg	3330	ND	79	20-125	14	30	
Hexachloroethane	2350	330	ug/kg	3330	ND	70	35-120	9	30	
Indeno(1,2,3-cd)pyrene	3610	330	ug/kg	3330	ND	108	20-130	9	30	
Isophorone	2820	330	ug/kg	3330	ND	85	40-120	8	25	
2-Methylnaphthalene	3070	330	ug/kg	3330	ND	92	40-120	8	20	
2-Methylphenol	3310	330	ug/kg	3330	ND	99	40-120	7	25	
4-Methylphenol	3370	330	ug/kg	3330	ND	101	45-120	6	25	
Naphthalene	2850	330	ug/kg	3330	ND	86	40-120	10	25	
2-Nitroaniline	2810	330	ug/kg	3330	ND	84	45-120	6	25	
3-Nitroaniline	2450	330	ug/kg	3330	ND	73	30-120	11	25	
4-Nitroaniline	2980	830	ug/kg	3330	ND	90	40-125	6	30	
Nitrobenzene	2640	330	ug/kg	3330	ND	79	40-120	8	25	
2-Nitrophenol	3170	330	ug/kg	3330	ND	95	40-120	11	25	
4-Nitrophenol	2240	830	ug/kg	3330	ND	67	35-125	7	30	
N-Nitroso-di-n-propylamine	2920	250	ug/kg	3330	ND	88	35-120	7	25	

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21057 Extracted: 11/21/08										
Matrix Spike Dup Analyzed: 11/21/2008 (8K21057-MSD1)					**Source: IRK2075-04**					
N-Nitrosodiphenylamine	3180	330	ug/kg	3330	ND	96	45-125	18	25	
Pentachlorophenol	3860	830	ug/kg	3330	ND	116	30-120	8	25	
Phenanthrene	3440	330	ug/kg	3330	ND	103	50-120	10	25	
Phenol	3110	330	ug/kg	3330	ND	93	40-120	7	25	
Pyrene	2970	330	ug/kg	3330	ND	89	40-125	10	30	
1,2,4-Trichlorobenzene	2800	330	ug/kg	3330	ND	84	40-120	10	25	
2,4,5-Trichlorophenol	3390	330	ug/kg	3330	ND	102	45-120	8	20	
2,4,6-Trichlorophenol	3210	330	ug/kg	3330	ND	96	45-120	7	25	
Surrogate: 2,4,6-Tribromophenol	*6840*		*ug/kg*	*6660*		*103*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2710*		*ug/kg*	*3330*		*81*	*35-120*			
Surrogate: 2-Fluorophenol	*6220*		*ug/kg*	*6660*		*93*	*25-120*			
Surrogate: Nitrobenzene-d5	*2510*		*ug/kg*	*3330*		*75*	*30-120*			
Surrogate: Phenol-d6	*6270*		*ug/kg*	*6660*		*94*	*35-120*			
Surrogate: Terphenyl-d14	*2600*		*ug/kg*	*3330*		*78*	*40-135*			

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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K28082 Extracted: 11/28/08										
Blank Analyzed: 12/01/2008 (8K28082-BLK1)										
Acenaphthene	ND	0.050	mg/l							
Acenaphthylene	ND	0.050	mg/l							
Aniline	ND	0.050	mg/l							
Anthracene	ND	0.050	mg/l							
Benzidine	ND	0.50	mg/l							
Benzo(a)anthracene	ND	0.050	mg/l							
Benzo(a)pyrene	ND	0.050	mg/l							
Benzo(b)fluoranthene	ND	0.050	mg/l							
Benzo(g,h,i)perylene	ND	0.050	mg/l							
Benzo(k)fluoranthene	ND	0.050	mg/l							
Benzoic acid	ND	0.50	mg/l							
Benzyl alcohol	ND	0.10	mg/l							
4-Bromophenyl phenyl ether	ND	0.050	mg/l							
Butyl benzyl phthalate	ND	0.10	mg/l							
4-Chloro-3-methylphenol	ND	0.10	mg/l							
4-Chloroaniline	ND	0.050	mg/l							
Bis(2-chloroethoxy)methane	ND	0.050	mg/l							
Bis(2-chloroethyl)ether	ND	0.050	mg/l							
Bis(2-chloroisopropyl)ether	ND	0.050	mg/l							
2-Chloronaphthalene	ND	0.050	mg/l							
2-Chlorophenol	ND	0.050	mg/l							
4-Chlorophenyl phenyl ether	ND	0.050	mg/l							
Chrysene	ND	0.050	mg/l							
Dibenz(a,h)anthracene	ND	0.10	mg/l							
Dibenzofuran	ND	0.050	mg/l							
Di-n-butyl phthalate	ND	0.10	mg/l							
1,2-Dichlorobenzene	ND	0.050	mg/l							
1,3-Dichlorobenzene	ND	0.050	mg/l							
1,4-Dichlorobenzene	ND	0.050	mg/l							
3,3'-Dichlorobenzidine	ND	0.20	mg/l							
2,4-Dichlorophenol	ND	0.050	mg/l							
Diethyl phthalate	ND	0.050	mg/l							
2,4-Dimethylphenol	ND	0.10	mg/l							
Dimethyl phthalate	ND	0.050	mg/l							
4,6-Dinitro-2-methylphenol	ND	0.20	mg/l							
2,4-Dinitrophenol	ND	0.50	mg/l							

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K28082 Extracted: 11/28/08										
Blank Analyzed: 12/01/2008 (8K28082-BLK1)										
2,4-Dinitrotoluene	ND	0.050	mg/l							
2,6-Dinitrotoluene	ND	0.050	mg/l							
Di-n-octyl phthalate	ND	0.20	mg/l							
1,2-Diphenylhydrazine/Azobenzene	ND	0.10	mg/l							
Bis(2-ethylhexyl)phthalate	ND	0.25	mg/l							
Fluoranthene	ND	0.050	mg/l							
Fluorene	ND	0.050	mg/l							
Hexachlorobenzene	ND	0.050	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Hexachlorocyclopentadiene	ND	0.20	mg/l							
Hexachloroethane	ND	0.050	mg/l							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/l							
Isophorone	ND	0.050	mg/l							
2-Methylnaphthalene	ND	0.050	mg/l							
2-Methylphenol	ND	0.050	mg/l							
4-Methylphenol	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
2-Nitroaniline	ND	0.10	mg/l							
3-Nitroaniline	ND	0.10	mg/l							
4-Nitroaniline	ND	0.50	mg/l							
Nitrobenzene	ND	0.20	mg/l							
2-Nitrophenol	ND	0.050	mg/l							
4-Nitrophenol	ND	0.50	mg/l							
N-Nitroso-di-n-propylamine	ND	0.10	mg/l							
N-Nitrosodiphenylamine	ND	0.050	mg/l							
Pentachlorophenol	ND	0.20	mg/l							
Phenanthrene	ND	0.050	mg/l							
Phenol	ND	0.050	mg/l							
Pyrene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
2,4,5-Trichlorophenol	ND	0.10	mg/l							
2,4,6-Trichlorophenol	ND	0.10	mg/l							
Surrogate: 2,4,6-Tribromophenol	*0.891*		*mg/l*	*1.00*		*89*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*0.436*		*mg/l*	*0.500*		*87*	*50-120*			
Surrogate: 2-Fluorophenol	*0.711*		*mg/l*	*1.00*		*71*	*30-120*			
Surrogate: Nitrobenzene-d5	*0.407*		*mg/l*	*0.500*		*81*	*45-120*			

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TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K28082 Extracted: 11/28/08										
Blank Analyzed: 12/01/2008 (8K28082-BLK1)										
Surrogate: Phenol-d6	*0.784*		*mg/l*	*1.00*		*78*	*35-120*			
Surrogate: Terphenyl-d14	*0.452*		*mg/l*	*0.500*		*90*	*50-125*			
LCS Analyzed: 12/01/2008 (8K28082-BS1)										
Acenaphthene	0.451	0.050	mg/l	0.500		90	60-120			
Acenaphthylene	0.443	0.050	mg/l	0.500		89	60-120			
Aniline	0.340	0.050	mg/l	0.500		68	35-120			
Anthracene	0.525	0.050	mg/l	0.500		105	65-120			
Benzidine	0.390	0.50	mg/l	0.500		78	30-160			
Benzo(a)anthracene	0.490	0.050	mg/l	0.500		98	65-120			
Benzo(a)pyrene	0.477	0.050	mg/l	0.500		95	55-130			
Benzo(b)fluoranthene	0.457	0.050	mg/l	0.500		91	55-125			
Benzo(g,h,i)perylene	0.531	0.050	mg/l	0.500		106	45-135			
Benzo(k)fluoranthene	0.469	0.050	mg/l	0.500		94	50-125			
Benzoic acid	0.369	0.50	mg/l	0.500		74	25-120			
Benzyl alcohol	0.444	0.10	mg/l	0.500		89	50-120			
4-Bromophenyl phenyl ether	0.513	0.050	mg/l	0.500		103	60-120			
Butyl benzyl phthalate	0.501	0.10	mg/l	0.500		100	55-130			
4-Chloro-3-methylphenol	0.446	0.10	mg/l	0.500		89	60-120			
4-Chloroaniline	0.426	0.050	mg/l	0.500		85	55-120			
Bis(2-chloroethoxy)methane	0.427	0.050	mg/l	0.500		85	55-120			
Bis(2-chloroethyl)ether	0.412	0.050	mg/l	0.500		82	50-120			
Bis(2-chloroisopropyl)ether	0.424	0.050	mg/l	0.500		85	45-120			
2-Chloronaphthalene	0.433	0.050	mg/l	0.500		87	60-120			
2-Chlorophenol	0.402	0.050	mg/l	0.500		80	45-120			
4-Chlorophenyl phenyl ether	0.467	0.050	mg/l	0.500		93	65-120			
Chrysene	0.488	0.050	mg/l	0.500		98	65-120			
Dibenz(a,h)anthracene	0.524	0.10	mg/l	0.500		105	50-135			
Dibenzofuran	0.464	0.050	mg/l	0.500		93	65-120			
Di-n-butyl phthalate	0.533	0.10	mg/l	0.500		107	60-125			
1,2-Dichlorobenzene	0.356	0.050	mg/l	0.500		71	40-120			
1,3-Dichlorobenzene	0.328	0.050	mg/l	0.500		66	35-120			
1,4-Dichlorobenzene	0.341	0.050	mg/l	0.500		68	35-120			
3,3'-Dichlorobenzidine	0.447	0.20	mg/l	0.500		89	45-135			
2,4-Dichlorophenol	0.431	0.050	mg/l	0.500		86	55-120			
Diethyl phthalate	0.473	0.050	mg/l	0.500		95	55-120			

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K28082 Extracted: 11/28/08										
LCS Analyzed: 12/01/2008 (8K28082-BS1)										
2,4-Dimethylphenol	0.361	0.10	mg/l	0.500		72	40-120			
Dimethyl phthalate	0.454	0.050	mg/l	0.500		91	30-120			
4,6-Dinitro-2-methylphenol	0.528	0.20	mg/l	0.500		106	45-120			
2,4-Dinitrophenol	0.440	0.50	mg/l	0.500		88	40-120			
2,4-Dinitrotoluene	0.476	0.050	mg/l	0.500		95	65-120			
2,6-Dinitrotoluene	0.479	0.050	mg/l	0.500		96	65-120			
Di-n-octyl phthalate	0.533	0.20	mg/l	0.500		107	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.462	0.10	mg/l	0.500		92	60-120			
Bis(2-ethylhexyl)phthalate	0.517	0.25	mg/l	0.500		103	65-130			
Fluoranthene	0.530	0.050	mg/l	0.500		106	60-120			
Fluorene	0.466	0.050	mg/l	0.500		93	65-120			
Hexachlorobenzene	0.490	0.050	mg/l	0.500		98	60-120			
Hexachlorobutadiene	0.379	0.050	mg/l	0.500		76	40-120			
Hexachlorocyclopentadiene	0.363	0.20	mg/l	0.500		73	25-120			
Hexachloroethane	0.312	0.050	mg/l	0.500		62	35-120			
Indeno(1,2,3-cd)pyrene	0.532	0.10	mg/l	0.500		106	45-135			
Isophorone	0.434	0.050	mg/l	0.500		87	50-120			
2-Methylnaphthalene	0.443	0.050	mg/l	0.500		89	55-120			
2-Methylphenol	0.403	0.050	mg/l	0.500		81	50-120			
4-Methylphenol	0.420	0.050	mg/l	0.500		84	45-120			
Naphthalene	0.418	0.050	mg/l	0.500		84	55-120			
2-Nitroaniline	0.465	0.10	mg/l	0.500		93	65-120			
3-Nitroaniline	0.458	0.10	mg/l	0.500		92	60-120			
4-Nitroaniline	0.432	0.50	mg/l	0.500		86	55-125			
Nitrobenzene	0.422	0.20	mg/l	0.500		84	55-120			
2-Nitrophenol	0.434	0.050	mg/l	0.500		87	50-120			
4-Nitrophenol	0.434	0.50	mg/l	0.500		87	45-120			
N-Nitroso-di-n-propylamine	0.430	0.10	mg/l	0.500		86	45-120			
N-Nitrosodiphenylamine	0.509	0.050	mg/l	0.500		102	60-120			
Pentachlorophenol	0.564	0.20	mg/l	0.500		113	50-120			
Phenanthrene	0.513	0.050	mg/l	0.500		103	65-120			
Phenol	0.384	0.050	mg/l	0.500		77	40-120			
Pyrene	0.502	0.050	mg/l	0.500		100	55-125			
1,2,4-Trichlorobenzene	0.387	0.050	mg/l	0.500		77	45-120			
2,4,5-Trichlorophenol	0.486	0.10	mg/l	0.500		97	55-120			
2,4,6-Trichlorophenol	0.460	0.10	mg/l	0.500		92	55-120			

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Project ID: Oakland
B0031045.00003
Report Number: IRK2076

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Received: 11/19/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K28082 Extracted: 11/28/08										
LCS Analyzed: 12/01/2008 (8K28082-BS1)										
Surrogate: 2,4,6-Tribromophenol	*0.885*		*mg/l*	*1.00*		*88*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*0.422*		*mg/l*	*0.500*		*84*	*50-120*			
Surrogate: 2-Fluorophenol	*0.695*		*mg/l*	*1.00*		*70*	*30-120*			
Surrogate: Nitrobenzene-d5	*0.416*		*mg/l*	*0.500*		*83*	*45-120*			
Surrogate: Phenol-d6	*0.738*		*mg/l*	*1.00*		*74*	*35-120*			
Surrogate: Terphenyl-d14	*0.489*		*mg/l*	*0.500*		*98*	*50-125*			
Matrix Spike Analyzed: 12/02/2008 (8K28082-MS1)					**Source: IRK2122-02**					
Acenaphthene	0.429	0.050	mg/l	0.500	ND	86	60-120			
Acenaphthylene	0.430	0.050	mg/l	0.500	ND	86	60-120			
Aniline	0.285	0.050	mg/l	0.500	ND	57	35-120			
Anthracene	0.509	0.050	mg/l	0.500	ND	102	65-120			
Benzidine	0.349	0.50	mg/l	0.500	ND	70	30-160			
Benzo(a)anthracene	0.495	0.050	mg/l	0.500	ND	99	65-120			
Benzo(a)pyrene	0.481	0.050	mg/l	0.500	ND	96	55-130			
Benzo(b)fluoranthene	0.469	0.050	mg/l	0.500	ND	94	55-125			
Benzo(g,h,i)perylene	0.445	0.050	mg/l	0.500	ND	89	45-135			
Benzo(k)fluoranthene	0.490	0.050	mg/l	0.500	ND	98	55-125			
Benzoic acid	0.390	0.50	mg/l	0.500	ND	78	25-125			
Benzyl alcohol	0.422	0.10	mg/l	0.500	ND	84	40-120			
4-Bromophenyl phenyl ether	0.468	0.050	mg/l	0.500	ND	94	60-120			
Butyl benzyl phthalate	0.511	0.10	mg/l	0.500	ND	102	55-130			
4-Chloro-3-methylphenol	0.436	0.10	mg/l	0.500	ND	87	60-120			
4-Chloroaniline	0.406	0.050	mg/l	0.500	ND	81	55-120			
Bis(2-chloroethoxy)methane	0.415	0.050	mg/l	0.500	ND	83	50-120			
Bis(2-chloroethyl)ether	0.397	0.050	mg/l	0.500	ND	79	50-120			
Bis(2-chloroisopropyl)ether	0.398	0.050	mg/l	0.500	ND	80	45-120			
2-Chloronaphthalene	0.423	0.050	mg/l	0.500	ND	85	60-120			
2-Chlorophenol	0.379	0.050	mg/l	0.500	ND	76	45-120			
4-Chlorophenyl phenyl ether	0.455	0.050	mg/l	0.500	ND	91	65-120			
Chrysene	0.483	0.050	mg/l	0.500	ND	97	65-120			
Dibenz(a,h)anthracene	0.474	0.10	mg/l	0.500	ND	95	45-135			
Dibenzofuran	0.446	0.050	mg/l	0.500	ND	89	65-120			
Di-n-butyl phthalate	0.519	0.10	mg/l	0.500	ND	104	60-125			
1,2-Dichlorobenzene	0.351	0.050	mg/l	0.500	ND	70	40-120			
1,3-Dichlorobenzene	0.326	0.050	mg/l	0.500	ND	65	35-120			

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K28082 Extracted: 11/28/08										
Matrix Spike Analyzed: 12/02/2008 (8K28082-MS1)					**Source: IRK2122-02**					
1,4-Dichlorobenzene	0.345	0.050	mg/l	0.500	ND	69	35-120			
3,3'-Dichlorobenzidine	0.426	0.20	mg/l	0.500	ND	85	45-135			
2,4-Dichlorophenol	0.415	0.050	mg/l	0.500	ND	83	55-120			
Diethyl phthalate	0.463	0.050	mg/l	0.500	ND	93	55-120			
2,4-Dimethylphenol	0.354	0.10	mg/l	0.500	ND	71	40-120			
Dimethyl phthalate	0.438	0.050	mg/l	0.500	ND	88	30-120			
4,6-Dinitro-2-methylphenol	0.497	0.20	mg/l	0.500	ND	99	45-120			
2,4-Dinitrophenol	0.410	0.50	mg/l	0.500	ND	82	40-120			
2,4-Dinitrotoluene	0.456	0.050	mg/l	0.500	ND	91	65-120			
2,6-Dinitrotoluene	0.474	0.050	mg/l	0.500	ND	95	65-120			
Di-n-octyl phthalate	0.548	0.20	mg/l	0.500	ND	110	65-135			
1,2-Diphenylhydrazine/Azobenzene	0.450	0.10	mg/l	0.500	ND	90	60-120			
Bis(2-ethylhexyl)phthalate	0.540	0.25	mg/l	0.500	ND	108	65-130			
Fluoranthene	0.492	0.050	mg/l	0.500	ND	98	60-120			
Fluorene	0.440	0.050	mg/l	0.500	ND	88	65-120			
Hexachlorobenzene	0.462	0.050	mg/l	0.500	ND	92	60-120			
Hexachlorobutadiene	0.360	0.050	mg/l	0.500	ND	72	40-120			
Hexachlorocyclopentadiene	0.333	0.20	mg/l	0.500	ND	67	25-120			
Hexachloroethane	0.318	0.050	mg/l	0.500	ND	64	35-120			
Indeno(1,2,3-cd)pyrene	0.449	0.10	mg/l	0.500	ND	90	40-135			
Isophorone	0.416	0.050	mg/l	0.500	ND	83	50-120			
2-Methylnaphthalene	0.421	0.050	mg/l	0.500	ND	84	55-120			
2-Methylphenol	0.393	0.050	mg/l	0.500	ND	79	50-120			
4-Methylphenol	0.404	0.050	mg/l	0.500	0.171	47	45-120			
Naphthalene	0.406	0.050	mg/l	0.500	ND	81	55-120			
2-Nitroaniline	0.448	0.10	mg/l	0.500	ND	90	65-120			
3-Nitroaniline	0.444	0.10	mg/l	0.500	ND	89	60-120			
4-Nitroaniline	0.414	0.50	mg/l	0.500	ND	83	55-125			
Nitrobenzene	0.401	0.20	mg/l	0.500	ND	80	55-120			
2-Nitrophenol	0.428	0.050	mg/l	0.500	ND	86	50-120			
4-Nitrophenol	0.420	0.50	mg/l	0.500	ND	84	45-120			
N-Nitroso-di-n-propylamine	0.412	0.10	mg/l	0.500	ND	82	45-120			
N-Nitrosodiphenylamine	0.502	0.050	mg/l	0.500	ND	100	60-120			
Pentachlorophenol	0.498	0.20	mg/l	0.500	ND	100	50-120			
Phenanthrene	0.497	0.050	mg/l	0.500	ND	99	65-120			
Phenol	0.348	0.050	mg/l	0.500	ND	70	40-120			

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Attention: George Cebula

Project ID: Oakland
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Report Number: IRK2076

Sampled: 11/17/08-11/18/08
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METHOD BLANK/QC DATA

TCLP SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS (EPA 1311/3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K28082 Extracted: 11/28/08										
Matrix Spike Analyzed: 12/02/2008 (8K28082-MS1)					**Source: IRK2122-02**					
Pyrene	0.504	0.050	mg/l	0.500	ND	101	55-125			
1,2,4-Trichlorobenzene	0.369	0.050	mg/l	0.500	ND	74	45-120			
2,4,5-Trichlorophenol	0.471	0.10	mg/l	0.500	ND	94	55-120			
2,4,6-Trichlorophenol	0.442	0.10	mg/l	0.500	ND	88	55-120			
Surrogate: 2,4,6-Tribromophenol	*0.860*		*mg/l*	*1.00*		*86*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*0.407*		*mg/l*	*0.500*		*81*	*50-120*			
Surrogate: 2-Fluorophenol	*0.616*		*mg/l*	*1.00*		*62*	*30-120*			
Surrogate: Nitrobenzene-d5	*0.398*		*mg/l*	*0.500*		*80*	*45-120*			
Surrogate: Phenol-d6	*0.670*		*mg/l*	*1.00*		*67*	*35-120*			
Surrogate: Terphenyl-d14	*0.493*		*mg/l*	*0.500*		*99*	*50-125*			

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID:	Oakland	
9095 Rio San Diego Dr, Suite 240		B0031045.00003	Sampled: 11/17/08-11/18/08
San Diego, CA 92108	Report Number:	IRK2076	Received: 11/19/08
Attention: George Cebula			

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3510C/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21005 Extracted: 11/21/08										
Blank Analyzed: 11/22/2008 (8K21005-BLK1)										
Aroclor 1016	ND	1.0	ug/l							
Aroclor 1221	ND	1.0	ug/l							
Aroclor 1232	ND	1.0	ug/l							
Aroclor 1242	ND	1.0	ug/l							
Aroclor 1248	ND	1.0	ug/l							
Aroclor 1254	ND	1.0	ug/l							
Aroclor 1260	ND	1.0	ug/l							
Surrogate: Decachlorobiphenyl	*0.322*		*ug/l*	*0.500*		*64*	*45-120*			
LCS Analyzed: 11/22/2008 (8K21005-BS2)										**MNR1**
Aroclor 1016	3.37	1.0	ug/l	4.00		84	50-115			
Aroclor 1260	3.38	1.0	ug/l	4.00		85	60-120			
Surrogate: Decachlorobiphenyl	*0.373*		*ug/l*	*0.500*		*75*	*45-120*			
LCS Dup Analyzed: 11/22/2008 (8K21005-BSD2)										
Aroclor 1016	3.41	1.0	ug/l	4.00		85	50-115	1	30	
Aroclor 1260	3.57	1.0	ug/l	4.00		89	60-120	5	25	
Surrogate: Decachlorobiphenyl	*0.395*		*ug/l*	*0.500*		*79*	*45-120*			

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Received: 11/19/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K20095 Extracted: 11/20/08										
Blank Analyzed: 11/22/2008 (8K20095-BLK1)										
Aroclor 1016	ND	1.0	ug/Wipe							
Aroclor 1221	ND	1.0	ug/Wipe							
Aroclor 1232	ND	1.0	ug/Wipe							
Aroclor 1242	ND	1.0	ug/Wipe							
Aroclor 1248	ND	1.0	ug/Wipe							
Aroclor 1254	ND	1.0	ug/Wipe							
Aroclor 1260	ND	1.0	ug/Wipe							
Surrogate: Decachlorobiphenyl	*0.391*		*ug/Wipe*	*0.500*		*78*	*45-120*			
LCS Analyzed: 11/22/2008 (8K20095-BS1)										
Aroclor 1016	3.48	1.0	ug/Wipe	4.00		87	65-115			
Aroclor 1260	3.53	1.0	ug/Wipe	4.00		88	65-115			
Surrogate: Decachlorobiphenyl	*0.404*		*ug/Wipe*	*0.500*		*81*	*45-120*			
LCS Dup Analyzed: 11/22/2008 (8K20095-BSD1)										
Aroclor 1016	4.08	1.0	ug/Wipe	4.00		102	65-115	16	30	
Aroclor 1260	3.63	1.0	ug/Wipe	4.00		91	65-115	3	30	
Surrogate: Decachlorobiphenyl	*0.420*		*ug/Wipe*	*0.500*		*84*	*45-120*			
Batch: 8K21101 Extracted: 11/21/08										
Blank Analyzed: 11/25/2008 (8K21101-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*24.5*		*ug/kg*	*33.3*		*73*	*45-120*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21101 Extracted: 11/21/08										
LCS Analyzed: 11/25/2008 (8K21101-BS2)										**MNR**
Aroclor 1016	266	50	ug/kg	267		100	65-115			
Aroclor 1260	257	50	ug/kg	267		96	65-115			
Surrogate: Decachlorobiphenyl	*26.5*		*ug/kg*	*33.3*		*79*	*45-120*			

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Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21006 Extracted: 11/21/08										
Blank Analyzed: 11/27/2008 (8K21006-BLK1)										
Aroclor 1016	ND	4.9	mg/kg							
Aroclor 1221	ND	4.9	mg/kg							
Aroclor 1232	ND	4.9	mg/kg							
Aroclor 1242	ND	4.9	mg/kg							
Aroclor 1248	ND	4.9	mg/kg							
Aroclor 1254	ND	4.9	mg/kg							
Aroclor 1260	ND	4.9	mg/kg							
Surrogate: Decachlorobiphenyl	*1.36*		*mg/kg*	*1.23*		*111*	*70-130*			
LCS Analyzed: 11/27/2008 (8K21006-BS1)										**MNR1**
Aroclor 1016	17.3	5.0	mg/kg	20.0		87	70-130			
Aroclor 1260	16.5	5.0	mg/kg	20.0		83	70-130			
Surrogate: Decachlorobiphenyl	*1.34*		*mg/kg*	*1.25*		*107*	*70-130*			
LCS Dup Analyzed: 11/27/2008 (8K21006-BSD1)										
Aroclor 1016	17.1	5.0	mg/kg	19.9		86	70-130	1	30	
Aroclor 1260	16.3	5.0	mg/kg	19.9		82	70-130	1	30	
Surrogate: Decachlorobiphenyl	*1.24*		*mg/kg*	*1.25*		*100*	*70-130*			
Batch: 8K24121 Extracted: 11/24/08										
Blank Analyzed: 11/25/2008 (8K24121-BLK1)										
Aroclor 1016	ND	4.9	mg/kg							
Aroclor 1221	ND	4.9	mg/kg							
Aroclor 1232	ND	4.9	mg/kg							
Aroclor 1242	ND	4.9	mg/kg							
Aroclor 1248	ND	4.9	mg/kg							
Aroclor 1254	ND	4.9	mg/kg							
Aroclor 1260	ND	4.9	mg/kg							
Surrogate: Decachlorobiphenyl	*1.17*		*mg/kg*	*1.22*		*96*	*70-130*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24121 Extracted: 11/24/08										
LCS Analyzed: 11/25/2008 (8K24121-BS1)										**MNR1**
Aroclor 1016	15.7	5.0	mg/kg	19.9		79	70-130			
Aroclor 1260	14.9	5.0	mg/kg	19.9		75	70-130			
Surrogate: Decachlorobiphenyl	*1.12*		*mg/kg*	*1.25*		*90*	*70-130*			
LCS Dup Analyzed: 11/25/2008 (8K24121-BSD1)										
Aroclor 1016	15.4	5.0	mg/kg	20.0		77	70-130	2	30	
Aroclor 1260	14.6	5.0	mg/kg	20.0		73	70-130	2	30	
Surrogate: Decachlorobiphenyl	*1.04*		*mg/kg*	*1.25*		*83*	*70-130*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K26050 Extracted: 11/26/08										
Blank Analyzed: 11/27/2008 (8K26050-BLK1)										
Benzene	ND	0.020	mg/l							
Bromobenzene	ND	0.050	mg/l							
Bromochloromethane	ND	0.050	mg/l							
Bromodichloromethane	ND	0.020	mg/l							
Bromoform	ND	0.050	mg/l							
Bromomethane	ND	0.050	mg/l							
2-Butanone (MEK)	ND	0.10	mg/l							
n-Butylbenzene	ND	0.050	mg/l							
tert-Butylbenzene	ND	0.050	mg/l							
sec-Butylbenzene	ND	0.050	mg/l							
Carbon tetrachloride	ND	0.050	mg/l							
Chlorobenzene	ND	0.020	mg/l							
Chloroethane	ND	0.050	mg/l							
Chloroform	ND	0.020	mg/l							
Chloromethane	ND	0.050	mg/l							
4-Chlorotoluene	ND	0.050	mg/l							
2-Chlorotoluene	ND	0.050	mg/l							
1,2-Dibromo-3-chloropropane	ND	0.050	mg/l							
Dibromochloromethane	ND	0.020	mg/l							
1,2-Dibromoethane (EDB)	ND	0.020	mg/l							
Dibromomethane	ND	0.020	mg/l							
1,2-Dichlorobenzene	ND	0.020	mg/l							
1,3-Dichlorobenzene	ND	0.020	mg/l							
1,4-Dichlorobenzene	ND	0.020	mg/l							
Dichlorodifluoromethane	ND	0.050	mg/l							
1,1-Dichloroethane	ND	0.020	mg/l							
1,2-Dichloroethane	ND	0.020	mg/l							
1,1-Dichloroethene	ND	0.050	mg/l							
cis-1,2-Dichloroethene	ND	0.020	mg/l							
trans-1,2-Dichloroethene	ND	0.020	mg/l							
1,3-Dichloropropane	ND	0.020	mg/l							
2,2-Dichloropropane	ND	0.020	mg/l							
1,2-Dichloropropane	ND	0.020	mg/l							
cis-1,3-Dichloropropene	ND	0.020	mg/l							
trans-1,3-Dichloropropene	ND	0.020	mg/l							
1,1-Dichloropropene	ND	0.020	mg/l							

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K26050 Extracted: 11/26/08										
Blank Analyzed: 11/27/2008 (8K26050-BLK1)										
Ethylbenzene	ND	0.020	mg/l							
Hexachlorobutadiene	ND	0.050	mg/l							
Isopropylbenzene	ND	0.020	mg/l							
p-Isopropyltoluene	ND	0.020	mg/l							
Methylene chloride	ND	0.050	mg/l							
Naphthalene	ND	0.050	mg/l							
n-Propylbenzene	ND	0.020	mg/l							
Styrene	ND	0.020	mg/l							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/l							
1,1,2,2-Tetrachloroethane	ND	0.020	mg/l							
Tetrachloroethene	ND	0.020	mg/l							
Toluene	ND	0.020	mg/l							
1,2,3-Trichlorobenzene	ND	0.050	mg/l							
1,2,4-Trichlorobenzene	ND	0.050	mg/l							
1,1,1-Trichloroethane	ND	0.020	mg/l							
1,1,2-Trichloroethane	ND	0.020	mg/l							
Trichloroethene	ND	0.020	mg/l							
Trichlorofluoromethane	ND	0.050	mg/l							
1,2,3-Trichloropropane	ND	0.10	mg/l							
1,2,4-Trimethylbenzene	ND	0.020	mg/l							
1,3,5-Trimethylbenzene	ND	0.020	mg/l							
Vinyl chloride	ND	0.050	mg/l							
m,p-Xylenes	ND	0.020	mg/l							
o-Xylene	ND	0.020	mg/l							
Surrogate: 4-Bromofluorobenzene	*0.234*		*mg/l*	*0.250*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*0.244*		*mg/l*	*0.250*		*98*	*80-120*			
Surrogate: Toluene-d8	*0.246*		*mg/l*	*0.250*		*98*	*80-120*			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K26050 Extracted: 11/26/08										
LCS Analyzed: 11/27/2008 (8K26050-BS1)										
Benzene	0.227	0.020	mg/l	0.250		91	70-120			
Bromobenzene	0.229	0.050	mg/l	0.250		91	75-120			
Bromochloromethane	0.235	0.050	mg/l	0.250		94	70-130			
Bromodichloromethane	0.226	0.020	mg/l	0.250		90	70-135			
Bromoform	0.192	0.050	mg/l	0.250		77	55-130			
Bromomethane	0.223	0.050	mg/l	0.250		89	65-140			
2-Butanone (MEK)	0.200	0.10	mg/l	0.250		80	40-140			
n-Butylbenzene	0.228	0.050	mg/l	0.250		91	70-130			
tert-Butylbenzene	0.223	0.050	mg/l	0.250		89	70-125			
sec-Butylbenzene	0.232	0.050	mg/l	0.250		93	70-125			
Carbon tetrachloride	0.214	0.050	mg/l	0.250		86	65-140			
Chlorobenzene	0.224	0.020	mg/l	0.250		90	75-120			
Chloroethane	0.229	0.050	mg/l	0.250		92	60-140			
Chloroform	0.218	0.020	mg/l	0.250		87	70-130			
Chloromethane	0.203	0.050	mg/l	0.250		81	50-140			
4-Chlorotoluene	0.223	0.050	mg/l	0.250		89	75-125			
2-Chlorotoluene	0.218	0.050	mg/l	0.250		87	70-125			
1,2-Dibromo-3-chloropropane	0.230	0.050	mg/l	0.250		92	50-135			
Dibromochloromethane	0.234	0.020	mg/l	0.250		93	70-140			
1,2-Dibromoethane (EDB)	0.232	0.020	mg/l	0.250		93	75-125			
Dibromomethane	0.241	0.020	mg/l	0.250		96	70-125			
1,2-Dichlorobenzene	0.231	0.020	mg/l	0.250		92	75-120			
1,3-Dichlorobenzene	0.227	0.020	mg/l	0.250		91	75-120			
1,4-Dichlorobenzene	0.220	0.020	mg/l	0.250		88	75-120			
Dichlorodifluoromethane	0.158	0.050	mg/l	0.250		63	35-155			
1,1-Dichloroethane	0.230	0.020	mg/l	0.250		92	70-125			
1,2-Dichloroethane	0.221	0.020	mg/l	0.250		88	60-140			
1,1-Dichloroethene	0.230	0.050	mg/l	0.250		92	70-125			
cis-1,2-Dichloroethene	0.246	0.020	mg/l	0.250		98	70-125			
trans-1,2-Dichloroethene	0.235	0.020	mg/l	0.250		94	70-125			
1,3-Dichloropropane	0.241	0.020	mg/l	0.250		96	70-120			
2,2-Dichloropropane	0.214	0.020	mg/l	0.250		86	65-140			
1,2-Dichloropropane	0.242	0.020	mg/l	0.250		97	70-125			
cis-1,3-Dichloropropene	0.285	0.020	mg/l	0.250		114	75-125			
trans-1,3-Dichloropropene	0.219	0.020	mg/l	0.250		88	70-125			
1,1-Dichloropropene	0.236	0.020	mg/l	0.250		94	75-130			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K26050 Extracted: 11/26/08										
LCS Analyzed: 11/27/2008 (8K26050-BS1)										
Ethylbenzene	0.226	0.020	mg/l	0.250		90	75-125			
Hexachlorobutadiene	0.267	0.050	mg/l	0.250		107	65-135			
Isopropylbenzene	0.222	0.020	mg/l	0.250		89	75-130			
p-Isopropyltoluene	0.232	0.020	mg/l	0.250		93	75-125			
Methylene chloride	0.242	0.050	mg/l	0.250		97	55-130			
Naphthalene	0.250	0.050	mg/l	0.250		100	55-135			
n-Propylbenzene	0.231	0.020	mg/l	0.250		93	75-130			
Styrene	0.245	0.020	mg/l	0.250		98	75-130			
1,1,1,2-Tetrachloroethane	0.232	0.050	mg/l	0.250		93	70-130			
1,1,2,2-Tetrachloroethane	0.259	0.020	mg/l	0.250		104	55-130			
Tetrachloroethene	0.215	0.020	mg/l	0.250		86	70-125			
Toluene	0.232	0.020	mg/l	0.250		93	70-120			
1,2,3-Trichlorobenzene	0.235	0.050	mg/l	0.250		94	65-125			
1,2,4-Trichlorobenzene	0.237	0.050	mg/l	0.250		95	70-135			
1,1,1-Trichloroethane	0.223	0.020	mg/l	0.250		89	65-135			
1,1,2-Trichloroethane	0.248	0.020	mg/l	0.250		99	70-125			
Trichloroethene	0.226	0.020	mg/l	0.250		90	70-125			
Trichlorofluoromethane	0.205	0.050	mg/l	0.250		82	65-145			
1,2,3-Trichloropropane	0.234	0.10	mg/l	0.250		94	60-130			
1,2,4-Trimethylbenzene	0.231	0.020	mg/l	0.250		92	75-125			
1,3,5-Trimethylbenzene	0.229	0.020	mg/l	0.250		92	75-125			
Vinyl chloride	0.218	0.050	mg/l	0.250		87	55-135			
m,p-Xylenes	0.464	0.020	mg/l	0.500		93	75-125			
Surrogate: 4-Bromofluorobenzene	*0.238*		*mg/l*	*0.250*		*95*	*80-120*			
Surrogate: Dibromofluoromethane	*0.249*		*mg/l*	*0.250*		*100*	*80-120*			
Surrogate: Toluene-d8	*0.247*		*mg/l*	*0.250*		*99*	*80-120*			
Matrix Spike Analyzed: 11/27/2008 (8K26050-MS1)					**Source: IRK2076-15**					
Benzene	0.249	0.020	mg/l	0.250	ND	100	65-125			
Bromobenzene	0.252	0.050	mg/l	0.250	ND	101	70-125			
Bromochloromethane	0.246	0.050	mg/l	0.250	ND	98	65-135			
Bromodichloromethane	0.240	0.020	mg/l	0.250	ND	96	70-135			
Bromoform	0.211	0.050	mg/l	0.250	ND	84	55-135			
Bromomethane	0.237	0.050	mg/l	0.250	ND	95	55-145			
2-Butanone (MEK)	0.218	0.10	mg/l	0.250	ND	87	30-145			
n-Butylbenzene	0.264	0.050	mg/l	0.250	ND	106	65-135			

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METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K26050 Extracted: 11/26/08										
Matrix Spike Analyzed: 11/27/2008 (8K26050-MS1)					**Source: IRK2076-15**					
tert-Butylbenzene	0.260	0.050	mg/l	0.250	ND	104	65-130			
sec-Butylbenzene	0.272	0.050	mg/l	0.250	ND	109	70-125			
Carbon tetrachloride	0.240	0.050	mg/l	0.250	ND	96	65-140			
Chlorobenzene	0.246	0.020	mg/l	0.250	ND	98	75-125			
Chloroethane	0.252	0.050	mg/l	0.250	ND	101	55-140			
Chloroform	0.227	0.020	mg/l	0.250	ND	91	65-135			
Chloromethane	0.216	0.050	mg/l	0.250	ND	86	45-145			
4-Chlorotoluene	0.250	0.050	mg/l	0.250	ND	100	70-135			
2-Chlorotoluene	0.247	0.050	mg/l	0.250	ND	99	65-135			
1,2-Dibromo-3-chloropropane	0.283	0.050	mg/l	0.250	ND	113	45-145			
Dibromochloromethane	0.255	0.020	mg/l	0.250	ND	102	65-140			
1,2-Dibromoethane (EDB)	0.257	0.020	mg/l	0.250	ND	103	70-130			
Dibromomethane	0.260	0.020	mg/l	0.250	ND	104	65-135			
1,2-Dichlorobenzene	0.254	0.020	mg/l	0.250	ND	102	75-125			
1,3-Dichlorobenzene	0.249	0.020	mg/l	0.250	ND	100	75-125			
1,4-Dichlorobenzene	0.238	0.020	mg/l	0.250	ND	95	75-125			
Dichlorodifluoromethane	0.176	0.050	mg/l	0.250	ND	70	25-155			
1,1-Dichloroethane	0.247	0.020	mg/l	0.250	ND	99	65-130			
1,2-Dichloroethane	0.236	0.020	mg/l	0.250	ND	94	60-140			
1,1-Dichloroethene	0.258	0.050	mg/l	0.250	ND	103	60-130			
cis-1,2-Dichloroethene	0.258	0.020	mg/l	0.250	ND	103	65-130			
trans-1,2-Dichloroethene	0.253	0.020	mg/l	0.250	ND	101	65-130			
1,3-Dichloropropane	0.261	0.020	mg/l	0.250	ND	104	65-135			
2,2-Dichloropropane	0.227	0.020	mg/l	0.250	ND	91	60-145			
1,2-Dichloropropane	0.258	0.020	mg/l	0.250	ND	103	65-130			
cis-1,3-Dichloropropene	0.302	0.020	mg/l	0.250	ND	121	70-130			
trans-1,3-Dichloropropene	0.233	0.020	mg/l	0.250	ND	93	65-135			
1,1-Dichloropropene	0.272	0.020	mg/l	0.250	ND	109	70-135			
Ethylbenzene	0.250	0.020	mg/l	0.250	ND	100	65-130			
Hexachlorobutadiene	0.322	0.050	mg/l	0.250	ND	129	60-135			
Isopropylbenzene	0.260	0.020	mg/l	0.250	ND	104	70-135			
p-Isopropyltoluene	0.278	0.020	mg/l	0.250	0.0114	107	65-130			
Methylene chloride	0.248	0.050	mg/l	0.250	0.00970	95	50-135			
Naphthalene	0.309	0.050	mg/l	0.250	0.0152	118	50-140			
n-Propylbenzene	0.264	0.020	mg/l	0.250	ND	106	70-135			
Styrene	0.267	0.020	mg/l	0.250	ND	107	50-145			

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

TCLP VOLATILE ORGANIC COMPOUNDS (EPA 1311/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K26050 Extracted: 11/26/08										
Matrix Spike Analyzed: 11/27/2008 (8K26050-MS1)					**Source: IRK2076-15**					
1,1,1,2-Tetrachloroethane	0.250	0.050	mg/l	0.250	ND	100	65-140			
1,1,2,2-Tetrachloroethane	0.304	0.020	mg/l	0.250	ND	121	55-135			
Tetrachloroethene	0.250	0.020	mg/l	0.250	ND	100	65-130			
Toluene	0.254	0.020	mg/l	0.250	ND	102	70-125			
1,2,3-Trichlorobenzene	0.266	0.050	mg/l	0.250	0.00410	105	60-135			
1,2,4-Trichlorobenzene	0.266	0.050	mg/l	0.250	ND	106	65-135			
1,1,1-Trichloroethane	0.244	0.020	mg/l	0.250	ND	98	65-140			
1,1,2-Trichloroethane	0.266	0.020	mg/l	0.250	ND	106	65-130			
Trichloroethene	0.253	0.020	mg/l	0.250	ND	101	65-125			
Trichlorofluoromethane	0.229	0.050	mg/l	0.250	ND	92	60-145			
1,2,3-Trichloropropane	0.274	0.10	mg/l	0.250	ND	109	55-135			
1,2,4-Trimethylbenzene	0.261	0.020	mg/l	0.250	ND	104	55-135			
1,3,5-Trimethylbenzene	0.260	0.020	mg/l	0.250	ND	104	70-130			
Vinyl chloride	0.233	0.050	mg/l	0.250	ND	93	45-140			
m,p-Xylenes	0.521	0.020	mg/l	0.500	ND	104	65-130			
o-Xylene	0.262	0.020	mg/l	0.250	ND	105	65-125			
Surrogate: 4-Bromofluorobenzene	*0.233*		*mg/l*	*0.250*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*0.238*		*mg/l*	*0.250*		*95*	*80-120*			
Surrogate: Toluene-d8	*0.248*		*mg/l*	*0.250*		*99*	*80-120*			

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Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21115 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21115-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 11/21/2008 (8K21115-BS1)										
Mercury	0.798	0.020	mg/kg	0.800		100	80-120			
Matrix Spike Analyzed: 11/21/2008 (8K21115-MS1)					**Source: IRK2071-01**					
Mercury	0.984	0.020	mg/kg	0.800	0.223	95	70-130			
Matrix Spike Dup Analyzed: 11/21/2008 (8K21115-MSD1)					**Source: IRK2071-01**					
Mercury	1.02	0.020	mg/kg	0.800	0.223	100	70-130	3	20	
Batch: 8K24109 Extracted: 11/24/08										
Blank Analyzed: 11/24/2008-11/26/2008 (8K24109-BLK1)										
Antimony	ND	0.010	mg/l							
Arsenic	ND	0.010	mg/l							
Barium	ND	0.010	mg/l							
Beryllium	ND	0.0040	mg/l							
Cadmium	ND	0.0050	mg/l							
Chromium	ND	0.0050	mg/l							
Cobalt	ND	0.010	mg/l							
Copper	ND	0.010	mg/l							
Lead	ND	0.0050	mg/l							
Molybdenum	ND	0.020	mg/l							
Nickel	ND	0.010	mg/l							
Selenium	ND	0.010	mg/l							
Silver	ND	0.010	mg/l							
Thallium	ND	0.010	mg/l							
Vanadium	ND	0.010	mg/l							
Zinc	ND	0.020	mg/l							

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Received: 11/19/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24109 Extracted: 11/24/08										
LCS Analyzed: 11/24/2008-11/26/2008 (8K24109-BS1)										
Antimony	0.984	0.010	mg/l	1.00		98	80-120			
Arsenic	0.980	0.010	mg/l	1.00		98	80-120			
Barium	0.999	0.010	mg/l	1.00		100	80-120			
Beryllium	1.00	0.0040	mg/l	1.00		100	80-120			
Cadmium	0.949	0.0050	mg/l	1.00		95	80-120			
Chromium	0.969	0.0050	mg/l	1.00		97	80-120			
Cobalt	0.960	0.010	mg/l	1.00		96	80-120			
Copper	0.978	0.010	mg/l	1.00		98	80-120			
Lead	0.973	0.0050	mg/l	1.00		97	80-120			
Molybdenum	0.946	0.020	mg/l	1.00		95	80-120			
Nickel	0.956	0.010	mg/l	1.00		96	80-120			
Selenium	0.893	0.010	mg/l	1.00		89	80-120			
Silver	0.492	0.010	mg/l	0.500		98	80-120			
Thallium	0.953	0.010	mg/l	1.00		95	80-120			
Vanadium	0.993	0.010	mg/l	1.00		99	80-120			
Zinc	0.948	0.020	mg/l	1.00		95	80-120			
Matrix Spike Analyzed: 11/24/2008-11/26/2008 (8K24109-MS1)					**Source: IRK1948-01**					
Antimony	1.05	0.010	mg/l	1.00	ND	105	75-125			
Arsenic	1.06	0.010	mg/l	1.00	ND	106	75-125			
Barium	1.05	0.010	mg/l	1.00	0.0131	104	75-125			
Beryllium	1.07	0.0040	mg/l	1.00	ND	107	75-125			
Cadmium	0.993	0.0050	mg/l	1.00	ND	99	75-125			
Chromium	1.04	0.0050	mg/l	1.00	0.0125	103	75-125			
Cobalt	1.00	0.010	mg/l	1.00	ND	100	75-125			
Copper	1.04	0.010	mg/l	1.00	ND	104	75-125			
Lead	1.02	0.0050	mg/l	1.00	ND	102	75-125			
Molybdenum	1.02	0.020	mg/l	1.00	0.0153	101	75-125			
Nickel	1.05	0.010	mg/l	1.00	0.0458	100	75-125			
Selenium	0.937	0.010	mg/l	1.00	ND	94	75-125			
Silver	0.521	0.010	mg/l	0.500	ND	104	75-125			
Thallium	0.981	0.010	mg/l	1.00	0.00965	97	75-125			
Vanadium	1.06	0.010	mg/l	1.00	ND	106	75-125			
Zinc	1.01	0.020	mg/l	1.00	ND	101	75-125			

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Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K24109 Extracted: 11/24/08										
Matrix Spike Dup Analyzed: 11/24/2008-11/26/2008 (8K24109-MSD1)					**Source: IRK1948-01**					
Antimony	0.965	0.010	mg/l	1.00	ND	96	75-125	8	20	
Arsenic	0.970	0.010	mg/l	1.00	ND	97	75-125	9	20	
Barium	0.971	0.010	mg/l	1.00	0.0131	96	75-125	8	20	
Beryllium	0.987	0.0040	mg/l	1.00	ND	99	75-125	8	20	
Cadmium	0.918	0.0050	mg/l	1.00	ND	92	75-125	8	20	
Chromium	0.957	0.0050	mg/l	1.00	0.0125	94	75-125	8	20	
Cobalt	0.927	0.010	mg/l	1.00	ND	93	75-125	8	20	
Copper	0.963	0.010	mg/l	1.00	ND	96	75-125	8	20	
Lead	0.932	0.0050	mg/l	1.00	ND	93	75-125	9	20	
Molybdenum	0.938	0.020	mg/l	1.00	0.0153	92	75-125	9	20	
Nickel	0.965	0.010	mg/l	1.00	0.0458	92	75-125	8	20	
Selenium	0.913	0.010	mg/l	1.00	ND	91	75-125	3	20	
Silver	0.482	0.010	mg/l	0.500	ND	96	75-125	8	20	
Thallium	0.912	0.010	mg/l	1.00	0.00965	90	75-125	7	20	
Vanadium	0.974	0.010	mg/l	1.00	ND	97	75-125	9	20	
Zinc	0.924	0.020	mg/l	1.00	ND	92	75-125	8	20	
Batch: 8K25080 Extracted: 11/25/08										
Blank Analyzed: 11/25/2008 (8K25080-BLK1)										
Mercury	ND	0.00020	mg/l							
LCS Analyzed: 11/25/2008 (8K25080-BS1)										
Mercury	0.00810	0.00020	mg/l	0.00800		101	80-120			
Matrix Spike Analyzed: 11/25/2008 (8K25080-MS1)					**Source: IRK1863-01**					
Mercury	0.00803	0.00020	mg/l	0.00800	ND	100	70-130			

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K25080 Extracted: 11/25/08										
Matrix Spike Dup Analyzed: 11/25/2008 (8K25080-MSD1)					**Source: IRK1863-01**					
Mercury	0.00823	0.00020	mg/l	0.00800	ND	103	70-130	2	20	
Batch: 8K26170 Extracted: 11/26/08										
Blank Analyzed: 11/28/2008 (8K26170-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
LCS Analyzed: 11/28/2008 (8K26170-BS1)										
Antimony	47.7	10	mg/kg	50.0		95	80-120			
Arsenic	47.5	2.0	mg/kg	50.0		95	80-120			
Barium	51.3	1.0	mg/kg	50.0		103	80-120			
Beryllium	49.4	0.50	mg/kg	50.0		99	80-120			
Cadmium	47.9	0.50	mg/kg	50.0		96	80-120			
Chromium	48.3	1.0	mg/kg	50.0		97	80-120			
Cobalt	48.8	1.0	mg/kg	50.0		98	80-120			
Copper	50.4	2.0	mg/kg	50.0		101	80-120			
Lead	48.5	2.0	mg/kg	50.0		97	80-120			
Molybdenum	46.8	2.0	mg/kg	50.0		94	80-120			
Nickel	48.5	2.0	mg/kg	50.0		97	80-120			
Selenium	44.7	2.0	mg/kg	50.0		89	80-120			
Silver	25.2	1.0	mg/kg	25.0		101	80-120			
Thallium	47.2	10	mg/kg	50.0		94	80-120			

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Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K26170 Extracted: 11/26/08										
LCS Analyzed: 11/28/2008 (8K26170-BS1)										
Vanadium	49.7	1.0	mg/kg	50.0		99	80-120			
Zinc	47.8	5.0	mg/kg	50.0		96	80-120			
Matrix Spike Analyzed: 11/28/2008 (8K26170-MS1)					**Source: IRK2665-01**					
Antimony	48.6	10	mg/kg	50.0	ND	97	75-125			
Arsenic	54.8	2.0	mg/kg	50.0	4.12	101	75-125			
Barium	200	1.0	mg/kg	50.0	135	130	75-125			*MHA*
Beryllium	52.5	0.50	mg/kg	50.0	0.714	104	75-125			
Cadmium	49.8	0.50	mg/kg	50.0	ND	100	75-125			
Chromium	71.5	1.0	mg/kg	50.0	22.2	99	75-125			
Cobalt	55.7	1.0	mg/kg	50.0	6.50	98	75-125			
Copper	64.9	2.0	mg/kg	50.0	11.9	106	75-125			
Lead	60.9	2.0	mg/kg	50.0	7.78	106	75-125			
Molybdenum	50.5	2.0	mg/kg	50.0	0.213	101	75-125			
Nickel	60.6	2.0	mg/kg	50.0	11.3	99	75-125			
Selenium	46.5	2.0	mg/kg	50.0	ND	93	75-125			
Silver	26.8	1.0	mg/kg	25.0	ND	107	75-125			
Thallium	50.1	10	mg/kg	50.0	2.36	95	75-125			
Vanadium	87.1	1.0	mg/kg	50.0	38.7	97	75-125			
Zinc	98.6	5.0	mg/kg	50.0	43.4	110	75-125			
Matrix Spike Dup Analyzed: 11/28/2008 (8K26170-MSD1)					**Source: IRK2665-01**					
Antimony	46.0	10	mg/kg	50.0	ND	92	75-125	6	20	
Arsenic	52.3	2.0	mg/kg	50.0	4.12	96	75-125	5	20	
Barium	224	1.0	mg/kg	50.0	135	177	75-125	11	20	*MHA*
Beryllium	50.7	0.50	mg/kg	50.0	0.714	100	75-125	3	20	
Cadmium	46.8	0.50	mg/kg	50.0	ND	94	75-125	6	20	
Chromium	72.1	1.0	mg/kg	50.0	22.2	100	75-125	1	20	
Cobalt	53.8	1.0	mg/kg	50.0	6.50	95	75-125	3	20	
Copper	62.6	2.0	mg/kg	50.0	11.9	102	75-125	3	20	
Lead	56.1	2.0	mg/kg	50.0	7.78	97	75-125	8	20	
Molybdenum	47.9	2.0	mg/kg	50.0	0.213	95	75-125	5	20	
Nickel	60.1	2.0	mg/kg	50.0	11.3	98	75-125	1	20	
Selenium	44.4	2.0	mg/kg	50.0	ND	89	75-125	5	20	
Silver	25.1	1.0	mg/kg	25.0	ND	100	75-125	6	20	
Thallium	48.9	10	mg/kg	50.0	2.36	93	75-125	2	20	
Vanadium	89.2	1.0	mg/kg	50.0	38.7	101	75-125	2	20	

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9095 Rio San Diego Dr, Suite 240		B0031045.00003	Sampled: 11/17/08-11/18/08
San Diego, CA 92108	Report Number:	IRK2076	Received: 11/19/08
Attention: George Cebula			

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K26170 Extracted: 11/26/08										
Matrix Spike Dup Analyzed: 11/28/2008 (8K26170-MSD1)					**Source: IRK2665-01**					
Zinc	93.4	5.0	mg/kg	50.0	43.4	100	75-125	5	20	

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METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K26111 Extracted: 11/26/08										
Blank Analyzed: 11/28/2008 (8K26111-BLK1)										
Arsenic	ND	0.20	mg/l							
Barium	ND	0.20	mg/l							
Cadmium	ND	0.10	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
Selenium	0.140	0.10	mg/l							*B*
Silver	ND	0.20	mg/l							
LCS Analyzed: 11/28/2008 (8K26111-BS1)										
Arsenic	1.85	0.20	mg/l	2.00		93	80-120			
Barium	1.94	0.20	mg/l	2.00		97	80-120			
Cadmium	1.82	0.10	mg/l	2.00		91	80-120			
Chromium	1.82	0.10	mg/l	2.00		91	80-120			
Lead	1.84	0.10	mg/l	2.00		92	80-120			
Selenium	1.76	0.10	mg/l	2.00		88	80-120			
Silver	1.01	0.20	mg/l	1.00		101	80-120			
Matrix Spike Analyzed: 11/28/2008 (8K26111-MS1)					**Source: IRK2076-15**					
Arsenic	1.79	0.20	mg/l	2.00	ND	89	75-125			
Barium	2.01	0.20	mg/l	2.00	0.126	94	75-125			
Cadmium	1.79	0.10	mg/l	2.00	ND	90	75-125			
Chromium	1.81	0.10	mg/l	2.00	ND	90	75-125			
Lead	1.84	0.10	mg/l	2.00	ND	92	75-125			
Selenium	1.79	0.10	mg/l	2.00	ND	90	75-125			
Silver	0.996	0.20	mg/l	1.00	ND	100	75-125			
Batch: 8K28072 Extracted: 11/28/08										
Blank Analyzed: 11/28/2008 (8K28072-BLK1)										
Mercury	ND	0.0020	mg/l							

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego
9095 Rio San Diego Dr, Suite 240
San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K28072 Extracted: 11/28/08										
LCS Analyzed: 11/28/2008 (8K28072-BS1)										
Mercury	0.0799	0.0020	mg/l	0.0800		100	80-120			
Matrix Spike Analyzed: 11/28/2008 (8K28072-MS1)					**Source: IRK2076-15**					
Mercury	0.0799	0.0020	mg/l	0.0800	ND	100	70-130			
Matrix Spike Dup Analyzed: 11/28/2008 (8K28072-MSD1)					**Source: IRK2076-15**					
Mercury	0.0810	0.0020	mg/l	0.0800	ND	101	70-130	1	20	

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Received: 11/19/08

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8K21082 Extracted: 11/21/08										
Blank Analyzed: 11/21/2008 (8K21082-BLK1)										
Sulfate	ND	5.0	mg/kg							
LCS Analyzed: 11/21/2008 (8K21082-BS1)										
Sulfate	100	5.0	mg/kg	100		100	90-110			
Matrix Spike Analyzed: 11/21/2008 (8K21082-MS1)					**Source: IRK2227-04**					
Sulfate	117	5.0	mg/kg	100	10.1	107	80-120			
Matrix Spike Dup Analyzed: 11/21/2008 (8K21082-MSD1)					**Source: IRK2227-04**					
Sulfate	116	5.0	mg/kg	100	10.1	106	80-120	1	20	
Batch: 8K25042 Extracted: 11/25/08										
Blank Analyzed: 11/25/2008 (8K25042-BLK1)										
Total Dissolved Solids	ND	100	mg/kg							
LCS Analyzed: 11/25/2008 (8K25042-BS1)										
Total Dissolved Solids	1010	10	mg/kg	1000		101	90-110			
Duplicate Analyzed: 11/25/2008 (8K25042-DUP1)					**Source: IRK2243-01**					
Total Dissolved Solids	3400	100	mg/kg		3300			3	20	
Batch: 8L01090 Extracted: 12/01/08										
Blank Analyzed: 12/01/2008 (8L01090-BLK1)										
Alkalinity as CaCO3	ND	4.0	mg/kg							
Bicarbonate Alkalinity as CaCO3	ND	4.0	mg/kg							
Bicarbonate Alkalinity as CaCO3	ND	4.0	mg/kg							
Carbonate Alkalinity as CaCO3	ND	4.0	mg/kg							
Carbonate Alkalinity as CaCO3	ND	4.0	mg/kg							
Hydroxide Alkalinity as CaCO3	ND	4.0	mg/kg							
Hydroxide Alkalinity as CaCO3	ND	4.0	mg/kg							

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Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8L01090 Extracted: 12/01/08										
Duplicate Analyzed: 12/01/2008 (8L01090-DUP1)					**Source: IRK2243-01**					
Alkalinity as CaCO3	14700	100	mg/kg		14600			1	20	
Bicarbonate Alkalinity as CaCO3	2200	100	mg/kg		2200			0	20	
Bicarbonate Alkalinity as CaCO3	2200	100	mg/kg		2200			0	20	
Carbonate Alkalinity as CaCO3	12500	100	mg/kg		12400			1	20	
Carbonate Alkalinity as CaCO3	12500	100	mg/kg		12400			1	20	
Hydroxide Alkalinity as CaCO3	ND	100	mg/kg		ND				20	
Hydroxide Alkalinity as CaCO3	ND	100	mg/kg		ND				20	
Reference Analyzed: 12/01/2008 (8L01090-SRM1)										
Alkalinity as CaCO3	256	4.0	mg/kg	283		90	90-110			
Batch: 8L02084 Extracted: 12/02/08										
Duplicate Analyzed: 12/02/2008 (8L02084-DUP1)					**Source: IRK2076-15**					
pH	4.28	0.100	pH Units		4.27			0	5	*HFT*

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Project Manager

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Received: 11/19/08

GCMS CALIBRATION CHECK CRITERIA

The % recovery for the following individual compounds fell outside the ± 15% criteria, however the average % recovery of all compounds in the calibration check solution was within ± 15%, thus meeting the overall calibration check criteria.

Compound	Footnote	Calibration Check % Recovery	Lab Number	Batch
Bis(2-chloroisopropyl)ether	2	76%	IRK2076-15	8K21057

Footnotes:

1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.

2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result for this compound.

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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Arcadis - Blasland, Bouck & Lee - San Diego	Project ID: Oakland	
9095 Rio San Diego Dr, Suite 240	B0031045.00003	Sampled: 11/17/08-11/18/08
San Diego, CA 92108	Report Number: IRK2076	Received: 11/19/08
Attention: George Cebula		

DATA QUALIFIERS AND DEFINITIONS

A-01	Due to matrix interference, the data was reprocessed in a different way as the calibration (3 peaks were used in the primary and 4 peaks in the confirmation columns).Sample result might be biased high due to coelution of Aroclors 1254 and 1260.
A-01a	Sample result might be biased high due to coelution of Aroclors 1254 and 1260.
B	Analyte was detected in the associated Method Blank.
C-2	Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
C-7	Calibration Verification recovery was below the method control limit due to matrix interference carried over from analytical samples. The matrix interference was confirmed by reanalysis with the same result.
HFT	The holding time for this test is immediate. It was analyzed in the laboratory as soon as possible after receipt.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
R-3	The RPD exceeded the acceptance limit due to sample matrix effects.
T5	Less than the prescribed sample amount was available to perform the leachate extraction. The volume of extraction fluid was adjusted proportionately based on the method prescribed ratio of extraction fluid to sample weight.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
Z5	Due to sample matrix effects, the surrogate recovery was outside acceptance limits. Secondary surrogate recovery was within the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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San Diego, CA 92108
Attention: George Cebula

Project ID: Oakland
B0031045.00003
Report Number: IRK2076

Sampled: 11/17/08-11/18/08
Received: 11/19/08

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
6010B-TCLP	Solid	X	X
7470A-TCLP	Solid	X	X
8260B-TCLP	Solid	X	X
EPA 1311-Met	Solid	X	X
EPA 1311-SV	Solid	X	X
EPA 1311-ZHE	Solid	X	X
EPA 300.0	Solid	X	X
EPA 3545/8082	Wipe	X	X
EPA 6010B	Oil	X	X
EPA 6010B	Solid	X	X
EPA 6010B	Water	X	X
EPA 7470A	Water	X	X
EPA 7471A	Oil	X	X
EPA 7471A	Solid	X	X
EPA 8082	Oil	X	X
EPA 8082	Solid	X	X
EPA 8082	Water	X	X
EPA 8260B	Solid	X	X
EPA 8260B	Water	X	X
EPA 8270C	Solid	X	X
EPA 8270C	Water	X	X
EPA 9045C	Solid	X	X
SM2320B-MOD	Solid	N/A	N/A
SM2540C	Solid	X	X
SW846 7.1.2	Solid		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Kathleen A. Robb For Sushmitha Reddy
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

TAL-0013(1007)

CHAIN OF CUSTODY FORM

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

IRK 2076

Client Name/Address: ARCADIS, 9095 Rio San Diego Dr. Suite 240, San Diego, CA 92108

Project/PO Number: B0031045.00003

Project Manager: George Cebula

Phone Number: 619-291-7800 x24

Sampler: Dennis Wesselhoft

Fax Number: 619-291-~~7800~~ 5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	TCLP Metals RCRA8 1311/6010/7470	TCLP VOCs 1311/8260	TCLP SVOCs 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC Metals 6010 CAM17 TTLC VOC 8260 TTLC SVOC 8270	Total VOC 8260	Total Metals RCRA 8 6010/7470	Special Instructions
TRIP BLANK 11/17/08	H_2O	40mL VOA	2	11/17/08	0823	HCl								X		
B21-TK-WP-017	Wipe	4oz glass	1	11/17/08	0823	Hexane	X									
B21-TK-WP-018	Wipe	4oz glass	1	11/17/08	0830	Hexane	X									
B21-TK-WP-019	Wipe	4oz glass	1	11/17/08	0838	Hexane	X									
B21-TK-WP-020	Wipe	4oz glass	1	11/17/08	0843	Hexane	X									
B21-TK-WP-021	Wipe	4oz glass	1	11/17/08	0858	Hexane	X									
B21-TK-WP-022	Wipe	4oz glass	1	11/17/08	0905	Hexane	X									
B21-TK-WP-023	Wipe	4oz glass	1	11/17/08	0912	Hexane	X									
B21-TK-WP-024	Wipe	4oz glass	1	11/17/08	0923	Hexane	X									
B21-TK-WP-025	Wipe	4oz glass	1	11/17/08	0932	Hexane	X									
B21-TK-WP-026	wipe	4oz glass	1	11/17/08	0941	Hexane	X									
OT1-TK-WP-001	wipe	4oz glass	1	11/17/08	1035	Hexane	X									
OT1-TK-WP-001	wipe	4oz glass	1	11/17/08	1044	Hexane	X									
OT1-TK-B-002	B	4oz glass 40mL VOA	1/1	11/17/08	1055	NONE	X	~~X~~							X	

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/18/08 1203	[signature]	11-18-08 12:03	same day ____ 72 hours ____
[signature]	11-18-08 15:30			24 hours ____ 5 days ____
				48 hours ____ normal X
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)
		[signature]	11/19/08 11:20	intact ✓ on ice ✓ 6.2

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CS 5.4

#046

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TAL-0013(1007)

Client Name/Address: ARCADIS 9095 Rio San Diego Dr. Suite 240 San Diego, CA 92108

Project/PO Number: B0031045.00003

Project Manager: George Cebula

Phone Number: 619.291.7800 x24

Sampler: Dennis Wesselhoft

Fax Number: 619.291.5400

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	TCLP Metals RCRA8 1311/6010/7470	TCLP VOCs 1311/8260	TCLP SVOCs 1311/8270	Ignitability 1010	Corrosivity 9045	TTLC Metals 6010/7470 TTLC VOC 8260 TTLC SVOC 8270			Special Instructions
1B2-WF-CHWP-033	Bulk	4oz glass 4oz glass	3/1	11/17/08	1522	None	X	X	X	X	X	X	X			
1BH-WW-CP-035	Bulk	4oz glass	1	11/17/08	1535	None	X									
1BH-CR-B-036	Bulk	40mL VOA	1	11/17/08	1615	None	X									
1BH-CR-B-036 DUP	Bulk	40mL VOA	1	11/17/08	1616	None	X									
EQUIPBLANK-WDB-002	H_2O	2L Amber 500mL Plast. 40mL VOA	2/1/3	11/17/08	1625	None/H_2SO_4/HCl	X						X			
1BH-CR-B-037	Bulk	40mL VOA	1	11/17/08	1700	None	X									
B2-CR-B-030	Bulk	40mL voa	1	11/18/08	0830	None	X									
B2-CR-B-031	Bulk	40mL VOA	1	11/18/08	0839	None	X									
B2-CR-B-032	Bulk	40mL VOA	1	11/18/08	0852	NONE	X									
B2-CR-B-034	Bulk	40mL VOA	1	11/18/08	0933	NONE	X									
B2-CR-B-035	Bulk	40mL VOA	1	11/18/08	0940	NONE	X									
B2-CR-B-036	Bulk	40mL VOA	1	11/18/08	1002	NONE	X									
B2-CR-B-037	Bulk	40mL VOA	1	11/18/08	1007	NONE	X									
B2-CR-B-038	Bulk	40mL VOA	1	11/18/08	1055	None	X									

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	11/18/08 1203	[signature]	11-18-08 12:03
[signature]	11-18-08 15:30		

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Relinquished By: Date/Time:

Received in Lab By: [signature] Date/Time: 11/19/08 1120

Sample Integrity: (Check)
intact ✓ on ice ✓

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TAL-0013(1007)

Client Name/Address: ARCADIS 9095 Rio San Diego Dr. Ste. 240 San Diego, CA 92108

Project/PO Number: B0031045.00003

Project Manager: George Cebula

Phone Number: 619.291.7800 x24

Sampler: Dennis Wasselhoft

Fax Number: 619.291.5400

Analysis Required: PCB 8082

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	PCB 8082	Special Instructions
~~B2-CR-B-041~~	~~Bulk~~	~~40ml voa~~	~~1~~	~~11/18/08~~		~~NONE~~	~~X~~	~~CG~~
B2-CR-B-042	Bulk	40ml voa	1	11/18/08	1103	NONE	X	
B2-CR-B-039	Bulk	40ml voa	1	11/18/08	1114	NONE	X	
B2-CR-B-040	Bulk	40ml voa	1	11/18/08	1128	NONE	X	
PHT-EQ-B-004	Bulk	40ml voa	1	11/18/08	1200	NONE	X	
1BH-BW-CP-038	Bulk	4oz glass	1	11/18/08	1147	NONE	X	

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	11/18/08 1203	[signature]	11-18-08 12:03	same day ____ 72 hours ____
[signature]	11-18-08 15:30			24 hours ____ 5 days ____
				48 hours ____ normal X
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)
		[signature]	11/19/08 1120	intact ✓ on ice ✓

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(LS) 6.2/5.4

ARCADIS

Appendix F

Asbestos Survey Report

Building Materials Survey Report
Former General Electric Facility
5441 International Boulevard
Oakland, Alameda County, California

January 8, 2009
003-09435-00

Prepared for
ARCADIS
9095 Rio San Diego Drive, Suite 240
San Diego, California 92108

Prepared by
LFR Inc.
1410 Rocky Ridge Drive, Suite 330
Roseville, California 95661

LFR

LFR ENVIRONMENTAL MANAGEMENT & CONSULTING ENGINEERING

January 8, 2009 003-09435-00

Mr. Jerzy Cebula
ARCADIS
9095 Rio San Diego Drive, Suite 240
San Diego, California 92108

Subject: Building Materials Survey Report, Former General Electric Facility, Oakland, Alameda County, California

Dear Mr. Cebula:

LFR Inc. (LFR) is pleased to present the attached Building Materials Survey Report for the facility located at 5441 International Boulevard in Oakland, Alameda County, California ("the Site"). LFR understands that the on-site buildings will be renovated or demolished during redevelopment of the Site. Based on LFR's field activities, asbestos-containing materials (ACMs) and asbestos-containing construction materials (ACCMs) have been identified within the on-site buildings, as described in our attached report.

Prior to planned renovation and/or demolition activities, ACMs and ACCMs must be properly managed in accordance with applicable regulations.

LFR appreciates this opportunity to provide consulting services to ARCADIS. If you have any questions concerning this report, please call either of the undersigned at (916) 786-0320.

Sincerely,

Salvador Mendoza, R.E.A. I, C.A.C.
Project Geologist

Lita D. Freeman, R.E.A. II, C.A.C.
Principal Geologist

Enclosure

916.786.0320 m
916.786.0366 f
1410 Rocky Ridge Drive, Suite 330
Roseville, California 95661
Offices Nationwide
www.lfr.com

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APPENDIX

A Laboratory Analytical Reports and Chain-of-Custody Forms

CERTIFICATIONS

This Building Materials Survey Report was prepared by the undersigned of LFR Inc. (LFR). LFR's survey consisted solely of the activities described in the Introduction to this report and is subject to the Terms and Conditions outlined in LFR's contract with ARCADIS.

January 8, 2009

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EXECUTIVE SUMMARY

LFR Inc. (LFR) was retained by ARCADIS to conduct a Building Materials Survey (BMS) of the former General Electric facility located at 5441 International Boulevard in Oakland, Alameda County, California ("the Site"; Figure 1). The ten on-site buildings were vacant at the time of our survey (see Figure 2). LFR understands that the on-site buildings will be renovated or demolished during redevelopment of the Site

The asbestos survey included conducting a site visit to identify suspect asbestos-containing materials (ACMs), collection and laboratory analysis of bulk building material samples, and physical assessment of the suspect ACMs. LFR's survey did not include identification of building components suspected to be painted with lead-based paints, identification of equipment containing polychlorinated biphenyls (PCBs) and mercury-containing components, or an inventory of fluorescent lights within the on-site buildings.

Results of the Asbestos Building Material Survey

Analytical results are presented in Tables 1 through 11 and sampling locations are shown on Figures 1 through 11.

Analysis of the bulk samples collected from the Site indicated that a number of building materials contain greater than 1% asbestos and are therefore regulated by the U.S. Environmental Protection Agency (U.S. EPA) Region 9 under the National Emissions Standard for Hazardous Air Pollutants (NESHAP) asbestos abatement requirements and the California Air Resources Board. ACMs were not identified in Buildings 17, 18, 20, or 21; however, asbestos-containing construction materials (ACCMs) have been identified in Buildings 17 and 18. California Occupational Safety and Health Administration (Cal/OSHA) defines ACCMs as materials containing between 0.1% asbestos and 1% asbestos. In addition, some materials were identified as containing asbestos at less than 0.1%.

Based on the analytical results, the following building materials have been identified as ACMs or ACCMs:

Building 1

- Gray composition shingles located on the roof have been reported as containing less than 1 percent asbestos using polarized light microscopy (PLM) and less than 0.6 percent using Transmission Electron Microscopy (TEM), encompass approximately 70,000 square feet, and are classified as ACCM.
- Black mineral rolled roofing located on the roof have been reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent using point counting analysis, encompass approximately 70,000 square feet, and are classified as ACCM.

- Dark gray composition shingles located on the roof (encompassing approximately 70,000 square feet and classified as Category I non-friable ACM).
- Black mastic for the white 12-inch by 12-inch vinyl floor tiles (VFT) located in the 1st floor offices (encompassing approximately 1,500 square feet and classified as Category I non-friable ACM). The white 12-inch by 12-inch VFT have been reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent using point counting analysis; the VFT are considered to be ACCM.
- Light brown 12-inch by 12-inch VFT and black mastic located in the 1st floor office (encompassing approximately 800 square feet and classified as Category I non-friable ACM).
- Brown 9-inch by 9-inch VFT located in the restroom (encompassing approximately 1,200 square feet and classified as Category I non-friable ACM). Asbestos was detected at less than 1 percent using PLM in the mastic associated with the brown 9-inch by 9-inch VFT; this material is classified as ACCM.
- Painted texture and joint compound located in the 1st floor and 2nd floor offices (encompassing approximately 17,000 square feet) was reported as containing less than 1 percent asbestos using PLM and 0.25 percent and less asbestos using point counting analysis. These materials have been identified as ACCMs.
- Gray window glazing located throughout the building (encompassing approximately 2,000 linear feet) was reported as containing less than 1 percent asbestos using PLM and less than 0.1 percent asbestos using point counting analysis and is considered to be an unregulated material in which asbestos was detected.
- Green 9-inch by 9-inch VFT and black mastic located beneath the carpet in the 2nd floor offices (encompassing approximately 2,700 square feet and classified as Category I non-friable ACM).
- Black mastic for the green 9-inch by 9-inch VFT located beneath the gray 12-inch by 12-inch VFT in the office addition (encompassing approximately 1,500 square feet and classified as Category I non-friable ACM). The green 9-inch by 9-inch VFT have been reported as containing less than 1 percent asbestos using PLM and 0.75 percent asbestos using point counting; this material is considered to be ACCM. Asbestos was not detected in the gray 12-inch by 12-inch VFT or the orange mastic associated with the gray 12-inch by 12-inch VFT.

Building 2

- Gray window caulk located throughout the building interior (encompassing approximately 5,000 linear feet and classified as Category I non-friable ACM).
- A 9-inch diameter cement pipe located in the northern restroom (encompassing approximately 30 linear feet and classified as Category II non-friable ACM).
- Gray 12-inch by 12-inch VFT and black mastic for the gray 12-inch by 12-inch VFT in the office addition (encompassing approximately 120 square feet and classified as Category I non-friable ACM).

- Tan 12-inch by 12-inch VFT and black mastic for the tan 12-inch by 12-inch VFT in the office addition (encompassing approximately 180 square feet and classified as Category I non-friable ACM).
- Brown mastic for the brown 4-inch covebase in the office addition (encompassing approximately 250 linear feet and classified as Category I non-friable ACM). Asbestos was not detected in the brown covebase.
- Red 9-inch by 9-inch VFT located in the northern restroom (encompassing approximately 500 square feet and classified as Category I non-friable ACM). Asbestos was detected in the black mastic for the red 9-inch by 9-inch VFT at 0.5 percent using TEM; this material is classified as ACCM.

Building 4

- Black penetration mastic located on the roof (encompassing approximately 500 square feet and classified as Category I non-friable ACM).
- Undercoating for a kitchen sink was sampled; however, the laboratory was unable to assess the asbestos content due to insufficient material. LFR assumes that this material contains greater than 1 percent asbestos; additional sampling and analysis would be necessary to prove that this material is a non-ACM. Therefore, the sink undercoating is classified as Category I non-friable ACM and encompasses approximately 4 square feet.

Building 8

- White pipe insulation located in the southern portion of the building (encompassing approximately 100 linear feet and classified as RACM.
- Black rolled composition shingle and mastic located on the roof (encompassing approximately 1,800 square feet and classified as Category I non-friable ACM).

Building 9

- Beige 9-inch by 9-inch VFT and black mastic located on the concrete pad beneath the temporary building (encompassing approximately 900 square feet and classified as Category I non-friable ACM).
- Sheet flooring material in the temporary building encompassing approximately 150 square feet. This material has been reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent asbestos using TEM; this material is considered to be ACCM.

Building 17

- Rolled composition shingles and felt paper located on the roof. This material has been reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent asbestos using TEM; this material is considered to be ACCM.

Building 18

- Clear mastic for white 12-inch by 12-inch VFT located in the office area (encompassing approximately 150 square feet). This material has been reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent asbestos using TEM; this material is considered to be ACCM. Asbestos was not detected in the white 12-inch by 12-inch VFT.
- Brown 4” covebase and brown mastic for the covebase located in the office area and encompassing approximately 100 linear feet. These materials have each been reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent asbestos using TEM; this material is considered to be ACCM.

Fire House

- Gray cementitious wall and roof board material located throughout the building exterior (encompassing approximately 650 square feet and is classified as Category II non-friable ACM).
- Gray caulk located throughout the building exterior (encompassing approximately 650 square feet and is classified as Category I non-friable ACM).

The ACMs were observed to be in good to fair condition at the time of the survey.

LFR did not conduct subsurface investigations at the Site during the BMS, and the potential exists for underground utilities constructed with asbestos cement (e.g., Transite™ water pipelines) and/or naturally occurring regulated materials to be present beneath the Site.

Recommendations

Based upon visual observations and subsequent laboratory analysis of building material samples collected/recorded, ACMs and/or ACCMs are present within the on-site buildings. The owner and future occupants, if the buildings are not demolished, should take precautions to prevent future damage to these building materials. Tradespeople who could potentially affect ACMs and/or other regulated materials should be informed of the results of this BMS prior to their contact with materials containing asbestos.

If suspect ACMs that are not referenced in this report are identified during future activities, or if material that was not accessible during our survey and is suspected to contain asbestos is disturbed, LFR recommends that the materials be sampled and analyzed to establish whether these materials are ACMs.

Before any demolition activities are conducted that would potentially result in an asbestos exposure hazard and/or a fiber release episode, LFR recommends that those materials identified as ACMs during this and future surveys be abated in accordance with the U.S. EPA’s NESHAP, Asbestos NESHAP Revision, Final Rule (40 CFR Part 61), and local air quality control board rules (Bay Area Air Quality Management

District [BAAQMD]), which may include specific disposal requirements. In addition, ACCMs should be removed from the building prior to demolition activities by a Division of Safety and Health Certified General Contractor or Certified Asbestos Abatement Contractor.

LFR recommends additional sampling/analysis for the following materials:

- Materials identified as ACCMs using 400 point counting analysis or TEM can be further evaluated using 1,000 point counting analysis to establish if these materials are regulated or unregulated ACMs by BAAQMD and/or Cal/OSHA.

- The gray window glazing in Building 1 (sample number 1-21a) was identified as having less than 0.1% asbestos using 1,000 point counting analysis; however, LFR recommends that additional samples of this material be collected for analysis to adequately characterize this material.

- Asbestos was not detected using PLM in samples of mastic for gray 12-inch by 12-inch VFT (sample number 1-26a) and mastic for white 12-inch by 12-inch VFT (sample number 1-32a) in Building 1. Sufficient material was not available for further analysis using TEM. LFR recommends that additional samples be collected for analysis to adequately characterize these materials.

LFR recommends that VFT that were not identified as ACMs but were associated with mastics that have been identified as ACMs be treated as ACMs unless complete removal of mastic from the VFT can be accomplished during abatement activities.

The local NESHAP authority (BAAQMD) requires that they be notified 10 business days before the commencement of demolition or work that affects ACMs. Depending on the scope of work, notification to local agencies and Cal/OSHA may be required.

Abatement should follow the Cal/OSHA asbestos work practices found in 8 California Code of Regulations (CCR) Section 1529. A state-certified asbestos contractor should perform the work for the abatement of ACMs and the removal of ACCMs, and the work should be performed under the oversight of a Cal/OSHA Certified Asbestos Consultant.

Underground utilities constructed with asbestos cement should be properly removed and disposed of if encountered during future work at the Site. In addition, proper precautions should be taken if naturally occurring regulated materials are encountered during site work.

1.0 INTRODUCTION

LFR Inc. (LFR) was retained by ARCADIS to conduct a Building Materials Survey (BMS) of the former General Electric facility located at 5441 International Boulevard in Oakland, Alameda County, California ("the Site"; Figure 1). The ten on-site buildings were vacant at the time of our survey (see Figure 2). LFR understands that the on-site buildings will be renovated or demolished during redevelopment of the Site.

The objective of the BMS were to identify asbestos-containing materials (ACMs) in the buildings. Our survey did not include evaluating painted building components for the presence of lead, identifying electrical equipment containing polychlorinated biphenyls (PCBs), or conducting an inventory of mercury-containing components and fluorescent lights within the on-site buildings.

LFR's scope of work did not include the trailer located near the site entrance for use by security personnel. As a result, this trailer was not included in our survey.

2.0 SITE DESCRIPTION

2.1 Site Description

In October 2008, the Site was developed with ten buildings. These buildings are described in the table below and Figure 2 depicts the general layout of the on-site buildings; details for select areas are presented on Figures 3 through 11.

Building Number	Square Feet	Construction
1	82,500	brick masonry building on a concrete slab foundation, roof is tongue and groove wood with tar paper and gravel, eastern portion is 2-story and occupied offices and the remainder is open manufacturing space
2	46,800	brick masonry and steel structure with glass above 5 feet on a concrete slab foundation, tongue and groove wood roof with tar paper and gravel
4	16,128	steel-framed Butler building on a concrete slab foundation with corrugated sheet steel siding and roof
8	1,792	cinder block building on a concrete slab foundation
17	50,688	wood-pole supported shed roof structure building on a concrete slab foundation with a stand-alone enclosed office space
18	5,440	steel-framed Butler building on a concrete slab foundation with corrugated sheet steel siding and roof
20	960	steel-framed Butler building on a concrete slab foundation with corrugated sheet steel siding and roof
21	9,216	steel-framed Butler building on a concrete slab foundation with corrugated sheet steel siding and roof, constructed around the tank farm, tanks inside the building are located within low berms
9	150	temporary (portable) restroom building
Fire House	180	cementious-panel structure on a concrete slab foundation

At the time of our survey, the on-site buildings appeared to be in generally good condition (i.e., LFR personnel were able to enter to collect building material samples).

3.0 METHODOLOGY

3.1 Background

Visible, accessible, suspect ACMs were identified based on a walk-through of the buildings. The survey included only those areas to which LFR's representative was provided access and where LFR's representative deemed it safe to enter. Suspect ACMs were divided into "Homogeneous Applications," building materials that were established by LFR's representative to be homogeneous based on their color, texture, and age. LFR's representative collected bulk samples of suspect ACMs at the Site and submitted these samples for asbestos analysis.

3.2 Assessment

Assessment of material condition included, among other factors, area occupancy and use, existing damage, and potential for damage. Evaluation of a material's potential for damage included an evaluation of the position of the material in relation to movable objects and the material's friability.

3.3 Sample Collection

LFR's representatives visited the Site on October 28 through 30, 2008 to collect building materials samples for asbestos analysis. The approximate sampling locations are shown on Figures 2 through 11.

Bulk samples of various building materials suspected of containing asbestos were placed in sealable plastic bags for transport to the laboratory. Each sample collected by LFR personnel was assigned its own unique identification number, which was recorded on the sample container and the bulk sample forms. The samples were collected, transported, analyzed, and stored under chain-of-custody protocols.

4.0 ANALYTICAL METHODS

The samples were submitted to EMSL Analytical, Inc. (EMSL) of South Pasadena, California, for analysis. EMSL holds U.S. Environmental Protection Agency (U.S. EPA) certification through the National Institute for Standards and Technology (NIST) National Voluntary Laboratory Accreditation Program (NVLAP) for polarized light microscopy (PLM) analysis along with the American Industrial Hygiene Association (AIHA) accreditation.

Material identification was performed using PLM with Dispersion Staining (PLM/DS) in accordance with the U.S. EPA "Interim Method for the Determination of Asbestos in Bulk Insulation Samples as found in 40 CFR, Part 763, subpart F, Appendix A" (EPA/600/R-93/116). Percentage estimates of each material's components are based on the analyst's best judgment following PLM/DS analysis and examination with a stereoscope.

Following the receipt of laboratory PLM analysis results, LFR requested that certain samples be further assessed using 400-Point Count (PC) or 1,000 PC analysis or using Transmission Electron Microscopy (TEM), which supersedes PLM, in order to more accurately quantify the asbestos content in the material(s).

Copies of the bulk sample laboratory analysis results and chain-of-custody documents are provided in Appendix A. The samples will be maintained at the laboratory under chain-of-custody protocol for a period of 60 days from receipt at the laboratory, at which time they will be disposed of in accordance with waste disposal regulations.

5.0 REGULATORY OVERVIEW

Materials containing greater than 1% asbestos are considered ACMs, as defined by the U.S. EPA. However, the California Occupational Safety and Health Administration (Cal/OSHA) regulates work practices at asbestos levels between 0.1% and 1%.

The following U.S. EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) definitions are utilized throughout this report.

Friable Asbestos Material (FAM), as defined by the U.S. EPA's NESHAP rule, means any material containing more than 1% asbestos as determined using the method specified in Appendix A, subpart F, 40 CFR part 763 section 1, PLM, that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. If the asbestos content is less than 10% as determined by a method other than point counting by PLM, verify the asbestos content by point counting using PLM, or assume it to be positive.

Category I non-friable asbestos-containing material (Category I non-friable ACM), as defined by the U.S. EPA NESHAP, means asbestos-containing packings, gaskets, resilient floor covering and mastic, and asphalt roofing products containing more than 1% asbestos as determined using the method specified in Appendix A, subpart F, 40 CFR part 763, section 1, PLM.

Category II non-friable asbestos-containing material (Category II non-friable ACM), as defined by the U.S. EPA NESHAP, means any material, excluding Category I non-friable ACM, containing more than 1% asbestos as determined using the methods specified in Appendix A, subpart F, 40 CFR part 763, section 1, PLM, that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Asbestos-Containing Construction Material (ACCM) means any material containing between 0.1% and 1% asbestos but still regulated by Cal/OSHA for work practices outlined in 8 California Code of Regulations (CCR) Section 1529.

Regulated Asbestos-Containing Material (RACM) mean any friable ACM; a Category I non-friable ACM (such as floor tiles and asphalt roofing products) that has become friable or will be subject to sanding, grinding, cutting, or abrading during demolition or demolition activities; or a Category II non-friable ACM (all other non-friable ACMs) that has a high probability of becoming friable during demolition activities.

6.0 RESULTS

LFR's representatives collected suspect building material samples from various homogeneous applications found at the Site during the survey. Tables 1 through 10 present the results for the asbestos analysis, as well as the sample identification numbers and sampling dates; one table has been prepared for each of the on-site buildings. Many of the samples consisted of multiple layers and each layer was analyzed by the laboratory. The building material descriptions, including color, presented in the tables are based on observations during the survey; these descriptions take precedence over the description on the analytical data sheets, if different. Materials reported to contain asbestos are presented in Table 11 and are summarized below. ACMs are regulated by the U.S. EPA Region 9 and the California Air Resources Board (CARB). Multiple samples of some materials were collected and are noted in Tables 1 through 11; however, some of these samples were not analyzed by the laboratory based on the EPA's prior positive stop protocol.

Building 1 (see Table 1 and Figures 2, 3, 4, 5, and 6)

- Gray composition shingles (sample number 1-11a (SH)) located on the roof have been reported as containing less than 1 percent asbestos using PLM and less than 0.6 percent using TEM. This material was observed in good condition, encompasses approximately 70,000 square feet, and is classified as ACCM.
- Black mineral rolled roofing (sample number 1-11a (FELT)) located on the roof have been reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent using point counting analysis. This material was observed in good condition, encompasses approximately 70,000 square feet, and is classified as ACCM.
- Dark gray composition shingles (sample number 1-11b) located on the roof was reported by the laboratory as containing 5% chrysotile asbestos. This material was observed in good condition, encompasses approximately 70,000 square feet, and classified as Category I non-friable ACM.
- Black mastic for the white 12-inch by 12-inch vinyl floor tiles (VFT) located in the 1st floor offices (sample numbers 1-13a), was reported by the laboratory as containing 5% chrysotile asbestos. This material was observed in good condition,

encompasses approximately 1,500 square feet, and classified as Category I non-friable ACM. The white 12-inch by 12-inch VFT, sample numbers 1-13a,b,c(T), was reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent using point counting; this material is considered to be ACCM.

- Light brown 12-inch by 12-inch VFT and black mastic (sample number 1-14a), located in the 1st floor office was reported by the laboratory as containing 3% and 5%, respectively, chrysotile asbestos. This material was observed in good condition, encompasses approximately 800 square feet, and classified as Category I non-friable ACM.
- Brown 9-inch by 9-inch VFT (sample number 1-15a) located in the restroom was reported by the laboratory as containing 4% chrysotile asbestos. This material was observed in good condition, encompasses approximately 1,200 square feet, and classified as Category I non-friable ACM. Asbestos was detected at less than 1 percent using PLM in the mastic associated with the brown 9-inch by 9-inch VFT; this material is classified as ACCM.
- Painted texture (sample numbers 1-16a, b, c, d, e) and joint compound (sample numbers 1-20a,b,c,d,e) located in the 1st floor and 2nd floor offices was reported by the laboratory as containing between none detected and less than 1% chrysotile asbestos by PLM and 0.25 percent and less by point counting analysis. The painted texture and joint compound were observed in good condition, encompass approximately 17,000 square feet, and are classified as ACCMs.
- Gray window glazing (sample number 1-21a) located throughout the building was reported by the laboratory as containing less than 1% chrysotile asbestos by PLM and less than 0.1 percent by point counting analysis. This material was observed in good condition, encompasses approximately 2,000 linear feet, and is considered to be an unregulated material in which asbestos was detected.
- Green 9-inch by 9-inch VFT and black mastic (sample number 1-24a) located beneath the carpet in the 2nd floor offices was reported by the laboratory as containing 3% chrysotile asbestos. These materials were observed in good condition, encompasses approximately 2,700 square feet, and classified as Category I non-friable ACM.
- Black mastic for the green 9-inch by 9-inch VFT located beneath the gray 12-inch by 12-inch VFT (sample number 1-26a) in the office addition was reported by the laboratory as containing 5% chrysotile asbestos. This material was observed in good condition, encompasses approximately 1,500 square feet, and classified as Category I non-friable ACM. The green 9-inch by 9-inch VFT was reported as containing less than 1 percent asbestos using PLM and 0.75 percent asbestos using point counting analysis. This material is classified as an ACCM. Asbestos was not detected in the gray 12-inch by 12-inch VFT (sample number 1-26a) or the orange mastic associated with the gray 12-inch by 12-inch VFT (sample number 1-26a).

Building 2 (see Table 2 and Figures 2, 7, 8, and 9)

- Gray window caulk (sample number 2-3a) located throughout the building interior was reported by the laboratory as containing 5% chrysotile asbestos. This material was observed in good condition, encompasses approximately 5,000 linear feet, and is classified as Category I non-friable ACM.
- A 9-inch cement pipe (sample number 2-5a) located in the northern restroom was reported by the laboratory as containing 15% chrysotile asbestos. This material was observed in good condition, encompasses approximately 30 linear feet, and classified as Category II non-friable ACM.
- Gray 12-inch by 12-inch VFT and black mastic (sample number 2-14a) for the gray 12-inch by 12-inch VFT in the office addition was reported by the laboratory as containing 5% chrysotile asbestos. This material was observed in good condition, encompasses approximately 120 square feet, and classified as Category I non-friable ACM.
- Tan 12-inch by 12-inch VFT and black mastic (sample number 2-15a) for the tan 12-inch by 12-inch VFT in the office addition was reported by the laboratory as containing 5% chrysotile asbestos. This material was observed in good condition, encompasses approximately 180 square feet, and classified as Category I non-friable ACM.
- Brown mastic (sample number 2-16a) for the brown 4-inch covebase (sample number 2-16a) in the office addition was reported by the laboratory as containing 3% chrysotile asbestos. This material was observed in good condition, encompasses approximately 250 linear feet, and classified as Category I non-friable ACM. Asbestos was not detected in the brown covebase.
- Red 9-inch by 9-inch VFT (sample number 2-18a) located in the northern restrooms was reported by the laboratory as containing 10% chrysotile asbestos. This material was observed in good condition, encompasses approximately 500 square feet, and classified as Category I non-friable ACM. Chrysotile asbestos was detected at 0.5% using TEM in the mastic for the red 9-inch by 9-inch VFT; this material is classified as an ACCM.

Building 4 (see Table 3 and Figures 2 and 10)

- Black penetration mastic (sample number 4-1a) located on the roof was reported by the laboratory as containing 10% chrysotile asbestos. This material was observed in good condition, encompasses approximately 500 square feet and classified as Category I non-friable ACM.
- Undercoating for a kitchen sink (sample number 4-5a) was sampled; however, the laboratory was unable to assess the asbestos content due to insufficient material. LFR assumes that this material contains greater than 1 percent asbestos; additional sampling and analysis would be necessary to prove that this material is a non-ACM. Therefore, the sink undercoating is classified as Category I non-friable

ACM and encompasses approximately 4 square feet.

Building 8 (see Table 4 and Figure 2)

- White pipe insulation (sample number 8-3a) located in the southern portion of the building was reported by the laboratory as containing 15% chrysotile asbestos and 30% amosite asbestos. This material was observed in fair condition, encompasses approximately 100 linear feet, and classified as RACM.
- Black rolled composition shingle and mastic (sample numbers 8-4a,b,c) located on the roof was reported by the laboratory as containing 10% chrysotile asbestos. This material was observed in good condition, encompasses approximately 1,800 square feet, and classified as Category I non-friable ACM.

Building 9 (see Table 5 and Figure 2)

- Beige 9-inch by 9-inch VFT (sample number 9-1a) and black mastic (sample number 9-1a) located on the concrete pad beneath the temporary restroom building were reported by the laboratory as containing 10% and 5%, respectively, chrysotile asbestos. This material was observed in good condition, encompasses approximately 900 square feet, and classified as Category I non-friable ACM.
- Sheet flooring material (sample number 9-2a) in the temporary building was reported as none detect by PLM and less than 0.25% using TEM. This material encompasses approximately 150 square feet and is considered to be ACCM.

Building 17

- Rolled composition shingles and felt paper (sample number 17-8a) located on the roof was reported as none detect by PLM and less than 0.25% using TEM. This material encompasses approximately 50,000 square feet and is considered to be ACCM.

Building 18

- Clear mastic (sample number 18-2a(B)) for white 12-inch by 12-inch VFT located in the office area has been reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent asbestos using TEM; this material encompasses approximately 150 square feet and is considered to be ACCM. Asbestos was not detected in the white 12-inch by 12-inch VFT.
- Brown 4” covebase and brown mastic for the covebase (sample number 18-3a) located in the office area have each been reported as containing less than 1 percent asbestos using PLM and less than 0.25 percent asbestos using TEM; this material encompasses approximately 100 linear feet and is considered to be ACCM.

Fire House (see Table 10 and Figure 11)

- Gray cementitious wall and roof board (sample number FH-1a) located throughout the building exterior was reported by the laboratory as containing 60% chrysotile asbestos. This material was observed in good condition, encompasses approximately 650 square feet, and is classified as Category II non-friable ACM.
- Gray caulk (sample number FH-3a) located throughout the building exterior was reported by the laboratory as containing 5% chrysotile asbestos. This material was observed in good condition, encompasses approximately 650 square feet, and is classified as Category I non-friable ACM.

ACMs and/or ACCMs were not identified in Buildings 20 and 21.

The remaining bulk samples were reported by the laboratory as "none detected" for asbestos content. Additional information pertaining to the materials sampled and analyzed is presented in Tables 1 through 10.

LFR's scope of work did not include the trailer temporarily located near the site entrance for use by security personnel. As a result, this trailer was not included in our survey.

7.0 CONCLUSIONS AND RECOMMENDATIONS

LFR was retained by ARCADIS to conduct a BMS of the on-site building. LFR understands that plans include demolition or renovation of the on-site buildings. The conclusions and recommendations are presented below.

7.1 Conclusions

LFR's representative collected suspect building material samples from various homogeneous applications found at the Site during the asbestos survey. Analysis of these samples indicated that ACMs and ACCMs are present in Buildings 1, 2, 4, 8, 9, and in the Fire House. ACMs were not identified in Buildings 17, 18, 20, and 21.

It should be noted that LFR did not conduct subsurface investigations at the Site during the BMS and the potential exists for underground utilities constructed with asbestos cement (e.g., Transite ™ water pipelines) and/or naturally occurring regulated materials to be present beneath the Site.

7.2 Recommendations

Based upon visual observations and subsequent laboratory analysis of building material samples collected/recorded, ACMs and ACCMs are present within the on-site buildings. The owner and future occupants, if the buildings are not demolished, should

take precautions to prevent future damage to these building materials. Tradespeople who could potentially affect ACMs and/or other regulated materials should be informed of the results of this BMS prior to their contact with materials containing asbestos.

If suspect ACMs that are not referenced in this report are identified during future activities, or if material that was not accessible during our survey and is suspected to contain asbestos is disturbed, LFR recommends that the materials be sampled and analyzed to establish whether these materials are ACMs.

Before any demolition activities are conducted that would potentially result in an asbestos exposure hazard and/or a fiber release episode, LFR recommends that those materials identified as ACMs during this and future surveys be abated in accordance with the U.S. EPA's NESHAP, Asbestos NESHAP Revision, Final Rule (40 CFR Part 61), and local air quality control board rules (Bay Area Air Quality Management District [BAAQMD]), which may include specific disposal requirements. In addition, ACCMs should be removed from the building prior to demolition activities by a Division of Safety and Health Certified General Contractor or Certified Asbestos Abatement Contractor.

LFR recommends additional sampling/analysis for the following materials:

- Materials identified as ACCMs using 400 point counting analysis or TEM can be further evaluated using 1,000 point counting analysis to establish if these materials are regulated or unregulated ACMs by BAAQMD and/or Cal/OSHA.

- The gray window glazing in Building 1 (sample number 1-21a) was identified as having less than 0.1% asbestos using 1,000 point counting analysis; however, LFR recommends that additional samples of this material be collected for analysis to adequately characterize this material.

- Asbestos was not detected using PLM in samples of mastic for gray 12-inch by 12-inch VFT (sample number 1-26a) and mastic for white 12-inch by 12-inch VFT (sample number 1-32a) in Building 1. Sufficient material was not available for further analysis using TEM. LFR recommends that additional samples be collected for analysis to adequately characterize these materials.

LFR recommends that VFT that were not identified as ACMs but were associated with mastics that have been identified as ACMs be treated as ACMs unless complete removal of mastic from the VFT can be accomplished during abatement activities.

The local NESHAP authority requires that they be notified 10 business days before the commencement of demolition or work that affects ACMs. Depending on the scope of work, notification to local agencies and Cal/OSHA may be required.

Abatement should follow the Cal/OSHA asbestos work practices found in 8 California Code of Regulations (CCR) Section 1529. A state-certified asbestos contractor should perform the work for the abatement of ACMs and the removal of ACCMs, and the

work should be performed under the oversight of a Cal/OSHA Certified Asbestos Consultant.

Underground utilities constructed with asbestos cement should be properly removed and disposed of if encountered during future work at the Site. In addition, proper precautions should be taken if naturally occurring regulated materials are encountered during site work.

8.0 LIMITATIONS

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by LFR and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, express or implied, is intended or given. To the extent that LFR relied upon any information prepared by other parties not under contract to LFR, LFR makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

Results of any investigations or testing and any findings presented in this report apply solely to conditions existing at the time when LFR's investigative work was performed. It must be recognized that any such investigative or testing activities are inherently limited and do not represent a conclusive or complete characterization. Conditions in other parts of the Site may vary from those at the locations where data were collected. LFR's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100% confidence in environmental investigation conclusions cannot reasonably be achieved.

LFR, therefore, does not provide any guarantees, certifications, or warranties regarding any conclusions regarding environmental contamination of any such property. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

Tables

Table 1
Summary of Asbestos Building Material Survey Results
Building 1
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
1-1a	30-Oct-08	Throughout building	Gray concrete foundation	NA	ND	NA	NA
1-1b	30-Oct-08	Throughout building	Gray concrete foundation	NA	ND	NA	NA
1-1c	30-Oct-08	Throughout building	Gray concrete foundation	NA	ND	NA	NA
1-2a	30-Oct-08	Throughout building	Gray window sill cement	NA	ND	NA	NA
1-2b	30-Oct-08	Throughout building	Gray window sill cement	NA	ND	NA	NA
1-2c	30-Oct-08	Throughout building	Gray window sill cement	NA	ND	NA	NA
1-3a (BRICK)	30-Oct-08	Building exterior	Red brick	NA	ND	NA	NA
1-3a (GROUT)	30-Oct-08	Building exterior	Gray brick grout	NA	ND	NA	NA
1-3b (BRICK)	30-Oct-08	Building exterior	Red brick	NA	ND	NA	NA
1-3b (GROUT)	30-Oct-08	Building exterior	Gray brick grout	NA	ND	NA	NA
1-3c (BRICK)	30-Oct-08	Building exterior	Red brick	NA	ND	NA	NA
1-3c (GROUT)	30-Oct-08	Building exterior	Gray brick grout	NA	ND	NA	NA
1-4a	30-Oct-08	Storage addition	Gray CMU/light gray grout	NA	ND	NA	NA
1-5a	30-Oct-08	Building exterior	Gray cement wall patch	NA	ND	NA	NA
1-6a	30-Oct-08	Building exterior	Black bolt gasket material	NA	ND	NA	NA
1-7a	30-Oct-08	Building exterior	Gray cement/light gray concrete	NA	ND	NA	NA
1-8a	30-Oct-08	Building exterior	Black moisture barrier paper	NA	ND	NA	NA
1-9a	30-Oct-08	Loading dock	Gray foundation concrete	NA	ND	NA	NA
1-9b	30-Oct-08	Loading dock	Gray foundation concrete	NA	ND	NA	NA
1-9c	30-Oct-08	Loading dock	Gray foundation concrete	NA	ND	NA	NA
1-10a	30-Oct-08	Perimeter wall	Gray CMU/light gray grout	NA	ND	NA	NA
1-11a (SH)	**30-Oct-08**	**Roof**	**Gray comp shingles**	**G/NF**	**ND (<0.6% TEM)**	**70,000**	**ACCM**
1-11a (FELT)	**30-Oct-08**	**Roof**	**Black MRR**	**G/NF**	**ND (<0.25% TEM)**	**Included with 1-11a(SH)**	**ACCM**
1-11a (BARRIER PAPER)	30-Oct-08	Roof	Barrier paper	NA	ND	NA	NA
1-11b (SH1)	30-Oct-08	Roof	Gray comp shingles	NA	ND	NA	NA
1-11b (SH2)	30-Oct-08	Roof	Black MRR	NA	ND	NA	NA
1-11b (F1)	**30-Oct-08**	**Roof**	**Dark gray comp shingles (layer 1)**	**G/NF**	**5%**	**70,000**	**CAT I**
1-11b (F2)	30-Oct-08	Roof	Gray comp shingles/black MRR/dark gray comp shingles (layer 2)	NA	ND	NA	NA
1-11c (SH)	30-Oct-08	Roof	Gray comp shingles	NA	ND	NA	NA
1-11c (F)	**30-Oct-08**	**Roof**	**Dark gray comp shingles (layer 1)**	**G/NF**	**Stop Positive**	**Included with 1-11b**	**CAT I**

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Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
1-12a	30-Oct-08	Roof	Black vibration damper	NA	ND	NA	NA
1-13a (T)	30-Oct-08	1st floor - offices	White 12" x 12" VFT	G/NF	<1% (<0.25% PC)	1,500	ACCM
1-13a (M)	30-Oct-08	1st floor - offices	Black mastic for white 12" x 12" VFT	G/NF	5%	Included with 1-13a	CAT I
1-13b (T)	30-Oct-08	1st floor - offices	White 12" x 12" VFT	G/NF	Stop Positive	Included with 1-13a	ACCM
1-13b (M)	30-Oct-08	1st floor - offices	Black mastic for white 12" x 12" VFT	G/NF	Stop Positive	Included with 1-13a	CAT I
1-13c (T)	30-Oct-08	2nd floor - hallway	White 12" x 12" VFT	G/NF	Stop Positive	Included with 1-13a	ACCM
1-13c (M)	30-Oct-08	2nd floor - hallway	Black mastic for white 12" x 12" VFT	G/NF	Stop Positive	Included with 1-13a	CAT I
1-14a (T1)	30-Oct-08	1st floor - offices	Light brown 12" x 12" VFT	G/NF	<1%	800	CAT I
1-14a (M1)	30-Oct-08	1st floor - offices	Black mastic for light brown 12" x 12" VFT	G/NF	ND	Included with 1-14a	CAT I
1-14a (T2)	30-Oct-08	1st floor - offices	Light brown 12" x 12" VFT	G/NF	3%	Included with 1-14a	CAT I
1-14a (M2)	30-Oct-08	1st floor - offices	Black mastic for light brown 12" x 12" VFT	G/NF	ND	Included with 1-14a	CAT I
1-14b (T)	30-Oct-08	1st floor - offices	Light brown 12" x 12" VFT	G/NF	Stop Positive	Included with 1-14a	CAT I
1-14b (M)	30-Oct-08	1st floor - offices	Black mastic for light brown 12" x 12" VFT	G/NF	5%	Included with 1-14a	CAT I
1-14c (T)	30-Oct-08	1st floor - offices	Light brown 12" x 12" VFT	G/NF	Stop Positive	Included with 1-14a	CAT I
1-14c (M)	30-Oct-08	1st floor - offices	Black mastic for light brown 12" x 12" VFT	G/NF	Stop Positive	Included with 1-14a	CAT I
1-15a (T)	30-Oct-08	Restroom	Brown 9" x 9" VFT	G/NF	4%	1,200	CAT I
1-15a (M)	30-Oct-08	Restroom	Black mastic for brown 9" x 9" VFT	G/NF	ND (0.5% TEM)	Included with 1-15a	ACCM
1-16a	30-Oct-08	1st floor - offices	Painted texture	G/NF	ND	Included with 1-16b	ACCM
1-16b	30-Oct-08	1st floor - offices	Painted texture	G/FR	<1% (<0.25% PC)	17,000	ACCM

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1-16c	**30-Oct-08**	**1st floor - offices**	**Painted texture**	**G/FR**	**<1% (<0.25% PC)**	**Included with 1-16b**	**ACCM**
1-16d	**30-Oct-08**	**2nd floor - offices**	**Painted texture**	**G/FR**	**<1% (<0.25% PC)**	**Included with 1-16b**	**ACCM**
1-16e	**30-Oct-08**	**2nd floor - offices**	**Painted texture**	**G/NF**	**ND**	**Included with 1-16b**	**ACCM**
1-17a (CB)	30-Oct-08	1st floor - offices	Light brown 4" covebase	NA	ND (ND TEM)	NA	NA
1-17a (M)	30-Oct-08	1st floor - offices	White mastic for light brown 4" covebase	NA	ND (ND TEM)	NA	NA
1-17b (CB)	30-Oct-08	1st floor - offices	Light brown 4" covebase	NA	ND	NA	NA
1-17b (M)	30-Oct-08	1st floor - offices	White mastic for light brown 4" covebase	NA	ND	NA	NA
1-18a (CB)	30-Oct-08	1st floor - offices	Dark brown 4" covebase	NA	ND (ND TEM)	NA	NA
1-18a (M)	30-Oct-08	1st floor - offices	Yellow mastic for dark brown 4" covebase	NA	ND (ND TEM)	NA	NA
1-18b (CB)	30-Oct-08	1st floor - offices	Dark brown 4" covebase	NA	ND	NA	NA
1-18b (M)	30-Oct-08	1st floor - offices	Yellow mastic for dark brown 4" covebase	NA	ND	NA	NA
1-19a (CB)	30-Oct-08	1st floor - offices	Black 4" covebase	NA	ND (ND TEM)	NA	NA
1-19a (M)	30-Oct-08	1st floor - offices	Yellow mastic for black 4" covebase	NA	ND (ND TEM)	NA	NA
1-19b (CB)	30-Oct-08	1st floor - offices	Black 4" covebase	NA	ND	NA	NA
1-19b (M)	30-Oct-08	1st floor - offices	Yellow mastic for black 4" covebase	NA	ND	NA	NA
1-19c (CB)	30-Oct-08	1st floor - offices	Black 4" covebase	NA	ND	NA	NA
1-19c (M)	30-Oct-08	1st floor - offices	Brown mastic for black 4" covebase	NA	ND (ND TEM)	NA	NA
1-20a (DW)	30-Oct-08	1st floor - offices	Drywall	G/NF	ND	Included with 1-16b	NA
1-20a (JC)	**30-Oct-08**	**1st floor - offices**	**Joint compound**	**G/NF**	**<1% (<0.25% PC)**	**Included with 1-16b**	**ACCM**
1-20b (DW)	30-Oct-08	1st floor - offices	Drywall	G/NF	ND	Included with 1-16b	NA

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Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
1-20b (JC)	**30-Oct-08**	**1st floor - offices**	**Joint compound**	**G/NF**	**<1% (0.25% PC)**	**Included with 1-16b**	**ACCM**
1-20c (DW)	30-Oct-08	1st floor - offices	Drywall	G/NF	ND	Included with 1-16b	NA
1-20c (JC)	30-Oct-08	1st floor - offices	Joint compound	G/NF	ND	Included with 1-16b	ACCM
1-20d (DW)	30-Oct-08	2nd floor - offices	Drywall	G/NF	ND	Included with 1-16b	NA
1-20d (JC)	**30-Oct-08**	**2nd floor - offices**	**Joint compound**	**G/NF**	**<1% (<0.25% PC)**	**Included with 1-16b**	**ACCM**
1-20e (DW)	30-Oct-08	2nd floor - offices	Drywall	G/NF	ND	Included with 1-16b	NA
1-20e (JC)	**30-Oct-08**	**2nd floor - offices**	**Joint compound**	**G/NF**	**<1% (<0.25% PC)**	**Included with 1-16b**	**ACCM**
1-21a	**30-Oct-08**	**Perimeter wall**	**Gray window glazing**	**G/NF**	**<1% (<0.1% PC)**	**2,000 Lin**	**ACCM**
1-22a	30-Oct-08	1st floor - offices	Drywall (near heat regulator)	NA	ND	NA	NA
1-23a	30-Oct-08	Stairwell	Brown stair tread/brown mastic	NA	ND (ND TEM)	NA	NA
1-24a (T)	**30-Oct-08**	**2nd floor - offices**	**Green 9" x 9" VFT (beneath carpet)**	**G/NF**	**3%**	**2,700**	**CAT I**
1-24a (M)	**30-Oct-08**	**2nd floor - offices**	**Black mastic for green 9" x 9" VFT**	**G/NF**	**ND (1.8% TEM)**	**Included with 1-24a**	**CAT I**
1-24b (T)	**30-Oct-08**	**2nd floor - offices**	**Green 9" x 9" VFT (beneath carpet)**	**G/NF**	**Stop Positive**	**Included with 1-24a**	**CAT I**
1-24b (M)	**30-Oct-08**	**2nd floor - offices**	**Black mastic for green 9" x 9" VFT**	**fp**	**Stop Positive**	**Included with 1-24a**	**CAT I**
1-24c (T)	**30-Oct-08**	**2nd floor - offices**	**Green 9" x 9" VFT (beneath carpet)**	**G/NF**	**Stop Positive**	**Included with 1-24a**	**CAT I**
1-24c (M)	**30-Oct-08**	**2nd floor - offices**	**Black mastic for green 9" x 9" VFT**	**G/NF**	**Stop Positive**	**Included with 1-24a**	**CAT I**
1-25a	30-Oct-08	2nd floor - offices	Gray wall plaster material	NA	ND	NA	NA
1-26a (T1)	30-Oct-08	Office addition	Gray 12" x 12" VFT (above green 9" x 9" VFT - sample 1-26a(T2))	NA	ND (ND TEM)	NA	NA
1-26a (M1)	30-Oct-08	Office addition	Orange mastic for gray 12" x 12" VFT	NA	ND	NA	NA
1-26a (T2)	**30-Oct-08**	**Office addition**	**Green 9" x 9" VFT (beneath gray 12" x 12" VFT - sample 1-26a(T1))**	**G/NF**	**<1% (0.75% PC)**	**1,500**	**ACCM**

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Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
1-26a (M2)	**30-Oct-08**	**Office addition**	**Black mastic for green 9" x 9" VFT**	**G/NF**	**5%**	**Included with 1-26a(T2)**	**CAT I**
1-26b (T1)	30-Oct-08	Office addition	Gray 12" x 12" VFT	NA	ND	NA	NA
1-26b (M1)	30-Oct-08	Office addition	Orange mastic for gray 12" x 12" VFT	NA	ND	NA	NA
1-26b (T2)	**30-Oct-08**	**Office addition**	**Green 9" x 9" VFT**	**G/NF**	**Stop Positive**	**Included with 1-26a(T2)**	**ACCM**
1-26b (M2)	**30-Oct-08**	**Office addition**	**Black mastic for green 9" x 9" VFT**	**G/NF**	**Stop Positive**	**Included with 1-26a(T2)**	**CAT I**
1-26c (T1)	30-Oct-08	Office addition	Gray 12" x 12" VFT	NA	ND	NA	NA
1-26c (M1)	30-Oct-08	Office addition	Orange mastic for gray 12" x 12" VFT	NA	ND	NA	NA
1-26c (T2)	**30-Oct-08**	**Office addition**	**Green 9" x 9" VFT**	**G/NF**	**Stop Positive**	**Included with 1-26a(T2)**	**ACCM**
1-26c (M2)	**30-Oct-08**	**Office addition**	**Black mastic for green 9" x 9" VFT**	**G/NF**	**Stop Positive**	**Included with 1-26a(T2)**	**CAT I**
1-27a	30-Oct-08	Office addition	Painted texture	NA	ND	NA	NA
1-27b	30-Oct-08	Office addition	Painted texture	NA	ND	NA	NA
1-27c	30-Oct-08	Office addition	Painted texture	NA	ND	NA	NA
1-28a (DW)	30-Oct-08	Office addition	Drywall	NA	ND	NA	NA
1-28a (JC)	30-Oct-08	Office addition	Joint compound	NA	ND	NA	NA
1-28b (DW)	30-Oct-08	Office addition	Drywall	NA	ND	NA	NA
1-28b (JC)	30-Oct-08	Office addition	Joint compound	NA	ND	NA	NA
1-28c (DW)	30-Oct-08	Office addition	Drywall	NA	ND	NA	NA
1-28c (JC)	30-Oct-08	Office addition	Joint compound	NA	ND	NA	NA
1-29a (CB)	30-Oct-08	Office addition	Gray 4" basecove	NA	ND (ND TEM)	NA	NA
1-29a (M)	30-Oct-08	Office addition	Orange mastic for gray 4" basecove	NA	ND (ND TEM)	NA	NA
1-30a	30-Oct-08	Office addition	White 2' x 4' ceiling panel	NA	ND	NA	NA
1-31a (STUCCO)	30-Oct-08	Office addition	Light gray CMU	NA	ND	NA	NA
1-31a (GROUT)	30-Oct-08	Office addition	Gray grout for light gray CMU	NA	ND	NA	NA
1-32a (T)	30-Oct-08	Office addition	White 12" x 12" VFT	NA	ND (ND TEM)	NA	NA
1-32a (M)	30-Oct-08	Office addition	Black mastic for white 12" x 12" VFT	NA	ND	NA	NA
1-33a (CB)	30-Oct-08	Office addition	Brown 6" covebase	NA	ND (ND TEM)	NA	NA

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Former General Electric Facility
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Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
1-33a (M)	30-Oct-08	Office addition	Brown mastic for brown 6" covebase	NA	ND (ND TEM)	NA	NA

Notes:
Building materials identified as containing asbestos are depicted in **Bold.**
Chrysotile asbestos detected unless otherwise noted.
ACCM = asbestos containing construction material
CMU = concrete masonry unit
FR = friable
G = Good condition
Lin. = linear feet
MRR = mineral rolled roofing
NA = not applicable; asbestos was not detected in the sample by the laboratory.
ND = not detected
NF = non-friable
PC = Sample further analyzed using point counting analysis
sq. ft. = square feet
TEM = Sample further analyzed using Transmission Electron Microscopy (TEM)
VFT = vinyl floor tile

Table 2
Summary of Asbestos Building Material Survey Results
Building 2
Former General Electric Facility
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Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
2-1a	29-Oct-08	Throughout building	Brick, mortar	NA	ND	NA	NA
2-1b	29-Oct-08	Throughout building	Brick, mortar	NA	ND	NA	NA
2-1c	29-Oct-08	Throughout building	Brick, mortar	NA	ND	NA	NA
2-2a	29-Oct-08	Throughout building	Foundation concrete	NA	ND	NA	NA
2-2b	29-Oct-08	Throughout building	Foundation concrete	NA	ND	NA	NA
2-2c	29-Oct-08	Throughout building	Foundation concrete	NA	ND	NA	NA
2-3a	**29-Oct-08**	**Building interior**	**Gray window caulk**	**G/NF**	**5%**	**5,000 Lin**	**CAT I**
2-3b	**29-Oct-08**	**Building interior**	**Gray window caulk**	**G/NF**	**Stop Positive**	**Included with 2-3a**	**CAT I**
2-3c	**29-Oct-08**	**Building interior**	**Gray window caulk**	**G/NF**	**Stop Positive**	**Included with 2-3a**	**CAT I**
2-4a	29-Oct-08	Northeastern corner	Concrete wall patch	NA	ND	NA	NA
2-5a	**29-Oct-08**	**Northern restrooms**	**9" cement pipe**	**G/NF**	**15%**	**30 Lin**	**CAT II**
2-6a	29-Oct-08	Northern restrooms	Handwash basin	NA	ND	NA	NA
2-7a	29-Oct-08	Office - women's restroom area	Texture	NA	ND	NA	NA
2-7b	29-Oct-08	Locker room - women's restroom area	Texture	NA	ND	NA	NA
2-7c	29-Oct-08	Office - women's restroom area	Texture	NA	ND	NA	NA
2-8a	29-Oct-08	Office - women's restroom area	9" Covebase	NA	ND (ND TEM)	NA	NA
2-8a	29-Oct-08	Office - women's restroom area	Mastic for 9" covebase	NA	ND (ND TEM)	NA	NA
2-8b	29-Oct-08	Locker room - women's restroom area	9" Covebase	NA	ND	NA	NA
2-8b	29-Oct-08	Locker room - women's restroom area	Mastic for 9" covebase	NA	ND	NA	NA
2-8c	29-Oct-08	Office - women's restroom area	9" Covebase	NA	ND	NA	NA
2-8c	29-Oct-08	Office - women's restroom area	Mastic for 9" covebase	NA	ND	NA	NA

Table 2
Summary of Asbestos Building Material Survey Results
Building 2
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Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
2-9a	29-Oct-08	Office - women's restroom area	Drywall	NA	ND	NA	NA
2-9a	29-Oct-08	Office - women's restroom area	Joint compound	NA	ND	NA	NA
2-9b	29-Oct-08	Locker room - women's restroom area	Drywall	NA	ND	NA	NA
2-9b	29-Oct-08	Locker room - women's restroom area	Joint compound	NA	ND	NA	NA
2-9c	29-Oct-08	Office - women's restroom area	Drywall	NA	ND	NA	NA
2-9c	29-Oct-08	Office - women's restroom area	Joint compound	NA	ND	NA	NA
2-10a	29-Oct-08	Building exterior	Window glazing	NA	ND	NA	NA
2-10b	29-Oct-08	Building exterior	Window glazing	NA	ND	NA	NA
2-10c	29-Oct-08	Building exterior	Window glazing	NA	ND	NA	NA
2-11a [1]	*29-Oct-08*	*Office addition*	*12" x 12" VFT*	*NA*	ND (ND TEM)	*NA*	*NA*
2-11b	*29-Oct-08*	*Office addition*	*12" x 12" VFT*	*NA*	*ND*	*NA*	*NA*
2-11c	*29-Oct-08*	*Office addition*	*12" x 12" VFT*	*NA*	*ND*	*NA*	*NA*
2-12a	29-Oct-08	Office addition	Drywall	NA	ND	NA	NA
2-12a	29-Oct-08	Office addition	Joint compound	NA	ND	NA	NA
2-12b	29-Oct-08	Office addition	Drywall	NA	ND	NA	NA
2-12b	29-Oct-08	Office addition	Joint compound	NA	ND	NA	NA
2-12c	29-Oct-08	Office addition	Drywall	NA	ND	NA	NA
2-12c	29-Oct-08	Office addition	Joint compound	NA	ND	NA	NA
2-13a	29-Oct-08	Office addition	Texture	NA	ND	NA	NA
2-13b	29-Oct-08	Office addition	Texture	NA	ND	NA	NA
2-13c	29-Oct-08	Office addition	Texture	NA	ND	NA	NA
2-14a	**29-Oct-08**	**Office addition**	**Gray 12" x 12" VFT**	**G/NF**	**ND (18.1% TEM)**	**120**	**CAT I**
2-14a	**29-Oct-08**	**Office addition**	**Black mastic for gray 12" x 12" VFT**	**G/NF**	**5%**	**Included with 2-14a**	**CAT I**

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Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
2-14b	29-Oct-08	Office addition	Gray 12" x 12" VFT	G/NF	Stop Positive	Included with 2-14a	CAT I
2-14b	29-Oct-08	Office addition	Black mastic for gray 12" x 12" VFT	G/NF	Stop Positive	Included with 2-14a	CAT I
2-14c	29-Oct-08	Office addition	Gray 12" x 12" VFT	G/NF	Stop Positive	Included with 2-14a	CAT I
2-14c	29-Oct-08	Office addition	Black mastic for gray 12" x 12" VFT	G/NF	Stop Positive	Included with 2-14a	CAT I
2-15a	29-Oct-08	Office addition	Tan 12" x 12" VFT	NA	ND (28.4% TEM)	180	CAT I
2-15a	29-Oct-08	Office addition	Black mastic for tan 12" x 12" VFT	G/NF	5%	Included with 2-15a	CAT I
2-15b	29-Oct-08	Office addition	Tan 12" x 12" VFT	NA	Stop Positive	Included with 2-15a	CAT I
2-15b	29-Oct-08	Office addition	Black mastic for tan 12" x 12" VFT	G/NF	Stop Positive	Included with 2-15a	CAT I
2-15c	29-Oct-08	Office addition	Tan 12" x 12" VFT	NA	Stop Positive	Included with 2-15a	CAT I
2-15c	29-Oct-08	Office addition	Black mastic for tan 12" x 12" VFT	G/NF	Stop Positive	Included with 2-15a	CAT I
2-16a	29-Oct-08	Office addition	Brown 4" covebase	NA	ND (ND TEM)	NA	NA
2-16a	29-Oct-08	Office addition	Brown mastic for brown 4" covebase	G/NF	3%	250 Lin	CAT I
2-16b	29-Oct-08	Office addition	Brown 4" covebase	NA	ND	NA	NA
2-16b	29-Oct-08	Office addition	Brown mastic for brown 4" covebase	G/NF	Stop Positive	Included with 2-16a	CAT I
2-16c	29-Oct-08	Office addition	Brown 4" covebase	NA	ND	NA	NA
2-16c	29-Oct-08	Office addition	Brown mastic for brown 4" covebase	G/NF	Stop Positive	Included with 2-16a	CAT I
2-17a	29-Oct-08	Office addition	Wood panel mastic	NA	ND (ND TEM)	NA	NA
2-18a	29-Oct-08	Northern restrooms	Red 9" x 9" VFT	G/NF	10%	500	CAT I

Table 2
Summary of Asbestos Building Material Survey Results
Building 2
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
2-18a	29-Oct-08	Northern restrooms	Black mastic for red 9" x 9" VFT	G/NF	ND (0.5% TEM)	Included with 2-18a	ACCM
2-18b	**29-Oct-08**	**Northern restrooms**	**Red 9" x 9" VFT**	G/NF	**Stop Positive**	Included with 2-18a	CAT I
2-18b	29-Oct-08	Northern restrooms	Black mastic for red 9" x 9" VFT	G/NF	**Stop Positive**	Included with 2-18a	ACCM
2-18c	**29-Oct-08**	**Northern restrooms**	**Red 9" x 9" VFT**	G/NF	**Stop Positive**	Included with 2-18a	CAT I
2-18c	29-Oct-08	Northern restrooms	Black mastic for red 9" x 9" VFT	G/NF	**Stop Positive**	Included with 2-18a	ACCM
2-19a	29-Oct-08	Roof	HVAC tape	NA	ND	NA	NA
2-20a	29-Oct-08	Roof	MRR	NA	ND (ND TEM)	NA	NA
2-20b	29-Oct-08	Roof	MRR	NA	ND	NA	NA
2-20c	29-Oct-08	Roof	MRR	NA	ND	NA	NA
2-21a	29-Oct-08	Roof	Light gray window sill cement	NA	ND	NA	NA
2-21b	29-Oct-08	Roof	Light gray window sill cement	NA	ND	NA	NA
2-21c	29-Oct-08	Roof	Light gray window sill cement	NA	ND	NA	NA

Notes:

1. Assume mastic associated with 12" x 12" VFT (sample 2-11a, b, and c) is ACM unless sampled and established to be non-ACM.

Building materials identified as containing asbestos are depicted in **Bold.**

Chrysotile asbestos detected unless otherwise noted.

G = Good condition

HVAC = heating, ventilation, and air conditioning

Lin = linear feet

MRR = mineral rolled roofing

NA = not applicable; asbestos was not detected in the sample by the laboratory.

ND = not detected

NF = non-friable

sq. ft. = square feet

TEM = Sample further analyzed using Transmission Electron Microscopy (TEM)

VFT = vinyl floor tile

Table 3
Summary of Asbestos Building Material Survey Results
Building 4
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
4-1a	**29-Oct-08**	**Roof**	**Black penetration mastic**	**G/NF**	**10%**	**500**	**CAT I**
4-2a	29-Oct-08	Northern portion	Sheet metal; gasket	NA	ND	NA	NA
4-2b	29-Oct-08	Central portion	Sheet Metal; gasket	NA	ND	NA	NA
4-2c	29-Oct-08	Southern portion	Sheet metal; gasket	NA	ND	NA	NA
4-3a	29-Oct-08	Offices	Paint texture	NA	ND	NA	NA
4-3b	29-Oct-08	Offices	Paint texture	NA	ND	NA	NA
4-3c	29-Oct-08	Offices	Paint texture	NA	ND	NA	NA
4-4a	29-Oct-08	Offices	Gray 12" x 12" VFT	NA	ND (ND TEM)	NA	NA
4-4a	29-Oct-08	Offices	Yellow mastic for gray 12" x 12" VFT	NA	ND (ND TEM)	NA	NA
4-4a	29-Oct-08	Offices	Leveling compound for gray 12" x 12" VFT	NA	ND	NA	NA
4-4b	29-Oct-08	Offices	Gray 12" x 12" VFT	NA	ND	NA	NA
4-4b	29-Oct-08	Offices	Yellow mastic for gray 12" x 12" VFT	NA	ND	NA	NA
4-4b	29-Oct-08	Offices	Leveling compound for gray 12" x 12" VFT	NA	ND	NA	NA
4-4c	29-Oct-08	Restroom	Gray 12" x 12" VFT	NA	ND	NA	NA
4-4c	29-Oct-08	Restroom	Yellow mastic for gray 12" x 12" VFT	NA	ND	NA	NA
4-4c	29-Oct-08	Restroom	Leveling compound for gray 12" x 12" VFT	NA	ND	NA	NA
4-5a [1]	***29-Oct-08***	***Kitchen***	***Sink undercoating***	***G/NF***	***Insufficient material***	***4***	***Assumed ACM***
4-6a	29-Oct-08	Restroom	Gray 4" covebase	NA	ND (ND TEM)	NA	NA

Table 3
Summary of Asbestos Building Material Survey Results
Building 4
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
4-6a	29-Oct-08	Restroom	Mastic for gray 4" covebase	NA	ND (ND TEM)	NA	NA
4-6b	29-Oct-08	Offices	Gray 4" covebase	NA	ND	NA	NA
4-6b	29-Oct-08	Offices	Mastic for gray 4" covebase	NA	ND	NA	NA
4-6c	29-Oct-08	Offices	Gray 4" covebase	NA	ND	NA	NA
4-6c	29-Oct-08	Offices	Mastic for gray 4" covebase	NA	ND	NA	NA
4-7a	29-Oct-08	Offices	Drywall	NA	ND	NA	NA
4-7a	29-Oct-08	Offices	Joint compound	NA	ND	NA	NA
4-7b	29-Oct-08	Offices	Drywall	NA	ND	NA	NA
4-7b	29-Oct-08	Offices	Joint compound	NA	ND	NA	NA
4-7c	29-Oct-08	Restroom	Drywall	NA	ND	NA	NA
4-7c	29-Oct-08	Restroom	Joint compound	NA	ND	NA	NA

Notes:

1. Assume sink undercoating (sample 4-5a) is ACM unless sampled and established to be non-ACM.

Building materials identified as containing asbestos are depicted in **Bold.**

Chrysotile asbestos detected unless otherwise noted.

G = good condition

NA = not applicable; asbestos was not detected in the sample by the laboratory.

ND = not detected

NF = non-friable

sq. ft. = square feet

TEM = Sample further analyzed using Transmission Electron Microscopy (TEM)

VFT = vinyl floor tile

Table 4
Summary of Asbestos Building Material Survey Results
Building 8
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
8-1a (A)	28-Oct-08	Perimeter walls	Gray cementitious material	NA	ND	NA	NA
8-1a (B)	28-Oct-08	Perimeter walls	Gray grout	NA	ND	NA	NA
8-1b (A)	28-Oct-08	Perimeter walls	Gray cementitious material	NA	ND	NA	NA
8-1b (B)	28-Oct-08	Perimeter walls	Gray grout	NA	ND	NA	NA
8-1c (A)	28-Oct-08	Perimeter walls	Gray cementitious material	NA	ND	NA	NA
8-1c (B)	28-Oct-08	Perimeter walls	Gray grout	NA	ND	NA	NA
8-2a	28-Oct-08	Throughout interior	White dust	NA	ND	NA	NA
8-2b	28-Oct-08	Throughout interior	White dust	NA	ND	NA	NA
8-2c	28-Oct-08	Throughout interior	White dust	NA	ND	NA	NA
8-3a	**28-Oct-08**	**Southern portion**	**White pipe insulation**	**F/FR**	**30% - A 15%**	**100 Lin**	**RACM**
8-4a	**29-Oct-08**	**Roof**	**Black rolled comp shingle/mastic**	**G/NF**	**10%**	**1,800**	**CAT I**
8-4b	**29-Oct-08**	**Roof**	**Black rolled comp shingle/mastic**	**G/NF**	**Stop Positive**	**Included with 8-4a**	**CAT I**
8-4c	**29-Oct-08**	**Roof**	**Black rolled comp shingle/mastic**	**G/NF**	**Stop Positive**	**Included with 8-4a**	**CAT I**

Notes:
Building materials identified as containing asbestos are depicted in **Bold.**
Chrysotile asbestos detected unless otherwise noted.
A = Amosite asbestos
F = Fair condition
FR = Friable
G = Good condition
Lin = linear feet
NA = not applicable; asbestos was not detected in the sample by the laboratory.
ND = not detected
NF = non-friable
RACM = regulated asbestos containing material
sq. ft. = square feet

Table 5
Summary of Asbestos Building Material Survey Results
Building 9
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
9-1a (tile)	**29-Oct-08**	**Concrete pad**	**Beige 9" x 9" VFT**	**G/NF**	**10%**	**900**	**CAT I**
9-1a (mastic)	**29-Oct-08**	**Concrete pad**	**Black mastic for beige 9" x 9" VFT**	**G/NF**	**5%**	**Included with 9-1a**	**CAT I**
9-1b	**29-Oct-08**	**Concrete pad**	**Beige 9" x 9" VFT**	**F/NF**	**Stop Positive**	**Included with 9-1a**	**CAT I**
9-1b	**29-Oct-08**	**Concrete pad**	**Black mastic for beige 9" x 9" VFT**	**F/NF**	**Stop Positive**	**Included with 9-1a**	**CAT I**
9-1c	**29-Oct-08**	**Concrete pad**	**Beige 9" x 9" VFT**	**F/NF**	**Stop Positive**	**Included with 9-1a**	**CAT I**
9-1c	**29-Oct-08**	**Concrete pad**	**Black mastic for beige 9" x 9" VFT**	**F/NF**	**Stop Positive**	**Included with 9-1a**	**CAT I**
9-2a	**29-Oct-08**	**Restroom (interior)**	**SFM; paper backing**	**F/NF**	**ND (<0.25% TEM)**	**150**	**ACCM**
9-2b	**29-Oct-08**	**Restroom (interior)**	**SFM; paper backing**	**F/NF**	**Stop Positive**	**Included with 9-2a**	**ACCM**
9-2c	**29-Oct-08**	**Restroom (interior)**	**SFM; paper backing**	**F/NF**	**Stop Positive**	**Included with 9-2a**	**ACCM**
9-3a	29-Oct-08	Building foundation	Concrete	NA	ND	NA	NA
9-3b	29-Oct-08	Building foundation	Concrete	NA	ND	NA	NA
9-3c	29-Oct-08	Building foundation	Concrete	NA	ND	NA	NA

Notes:
Building materials identified as containing asbestos are depicted in **Bold.**
Chrysotile asbestos detected unless otherwise noted.
F = Fair condition
G = Good condition
NA = not applicable; asbestos was not detected in the sample by the laboratory.
ND = not detected
NF = non-friable
SFM = sheet flooring material
TEM = Sample further analyzed using Transmission Electron Microscopy (TEM)
VFT = vinyl floor tile
sq. ft. = square feet

Table 6
Summary of Asbestos Building Material Survey Results
Building 17
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
17-1a	29-Oct-08	Building perimeter	Sheet metal bolt gasket	NA	ND	NA	NA
17-1b	29-Oct-08	Building perimeter	Sheet metal bolt gasket	NA	ND	NA	NA
17-1c	29-Oct-08	Building perimeter	Sheet metal bolt gasket	NA	ND	NA	NA
17-2a	29-Oct-08	Office	Texture	NA	ND	NA	NA
17-2b	29-Oct-08	Office	Texture	NA	ND	NA	NA
17-2c	29-Oct-08	Office	Texture	NA	ND	NA	NA
17-3a	29-Oct-08	Office	Drywall/joint compound	NA	ND	NA	NA
17-3b	29-Oct-08	Office	Drywall/joint compound	NA	ND	NA	NA
17-3c	29-Oct-08	Office	Drywall/joint compound	NA	ND	NA	NA
17-4a	29-Oct-08	Office	Carpet adhesive	NA	ND (ND TEM)	NA	NA
17-4b	29-Oct-08	Office	Carpet adhesive	NA	ND	NA	NA
17-4c	29-Oct-08	Office	Carpet adhesive	NA	ND	NA	NA
17-5a	29-Oct-08	Southern half	Electrical panel	NA	ND	NA	NA
17-6a	29-Oct-08	Building foundation	CMU; grout	NA	ND	NA	NA
17-6b	29-Oct-08	Building foundation	CMU; grout	NA	ND	NA	NA
17-6c	29-Oct-08	Building foundation	CMU; grout	NA	ND	NA	NA
17-7a	29-Oct-08	Building foundation	Concrete material	NA	ND	NA	NA
17-7b	29-Oct-08	Building foundation	Concrete material	NA	ND	NA	NA
17-7c	29-Oct-08	Building foundation	Concrete material	NA	ND	NA	NA
17-8a	**29-Oct-08**	**Roof**	**Rolled comp; felt paper**	**G/NF**	**ND (<0.25% TEM)**	**50,000**	**ACCM**
17-8b	**29-Oct-08**	**Roof**	**Rolled comp; felt paper**	**G/NF**	**Stop Positive**	**Included with 17-8a**	**ACCM**
17-8c	**29-Oct-08**	**Roof**	**Rolled comp; felt paper**	**G/NF**	**Stop Positive**	**Included with 17-8a**	**ACCM**

Notes:
Building materials identified as containing asbestos are depicted in **Bold.**

Table 6
Summary of Asbestos Building Material Survey Results
Building 17
Former General Electric Facility
5441 International Boulevard
Oakland, California

CMU = Concrete masonary unit
NA = Not applicable; asbestos was not detected in the sample by the laboratory.
ND = not detected
sq. ft. = square feet
TEM = Sample further analyzed using Transmission Electron Microscopy (TEM)

Table 7
Summary of Asbestos Building Material Survey Results
Building 18
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
18-1a (A)	28-Oct-08	Office area	Drywall	NA	ND	NA	NA
18-1a (B)	28-Oct-08	Office area	Joint Compound	NA	ND	NA	NA
18-1a (C)	28-Oct-08	Office area	Texture	NA	ND	NA	NA
18-1b (A)	28-Oct-08	Office area	Drywall	NA	ND	NA	NA
18-1b (B)	28-Oct-08	Office area	Joint Compound	NA	ND	NA	NA
18-1b (C)	28-Oct-08	Office area	Skimcoat	NA	ND	NA	NA
18-1c (A)	28-Oct-08	Office area	Drywall	NA	ND	NA	NA
18-1c (B)	28-Oct-08	Office area	Joint Compound	NA	ND	NA	NA
18-1c (C)	28-Oct-08	Office area	Skimcoat	NA	ND	NA	NA
18-2a (A)	28-Oct-08	Office area	White 12" X 12" VFT	NA	ND (ND TEM)	NA	NA
18-2a (B)	**28-Oct-08**	**Office area**	**Clear mastic for white 12" x 12" VFT**	**G/NF**	**ND (<0.25% TEM)**	**150**	**ACCM**
18-2b (A)	28-Oct-08	Office area	White 12" X 12" VFT	NA	ND	NA	NA
18-2b (B)	**28-Oct-08**	**Office area**	**Clear mastic for white 12" x 12" VFT**	**G/NF**	**Stop Positive**	**Included with 18-2a(B)**	**ACCM**
18-2c (A)	28-Oct-08	Office area	White 12" x 12" VFT	NA	ND	NA	NA
18-2c (B)	**28-Oct-08**	**Office area**	**Clear mastic for white 12" x 12" VFT**	**G/NF**	**Stop Positive**	**Included with 18-2a(B)**	**ACCM**
18-3a (A)	**28-Oct-08**	**Office area**	**Brown 4" covebase**	**G/NF**	**ND (<0.25% TEM)**	**100 Lin**	**ACCM**
18-3a (B)	**28-Oct-08**	**Office area**	**Brown mastic for brown 4" covebase**	**G/NF**	**ND (<0.25% TEM)**	**Included with 18-3a(A)**	**ACCM**
18-3b (A)	**28-Oct-08**	**Office area**	**Brown 4" covebase**	**G/NF**	**Stop Positive**	**Included with 18-3a(A)**	**ACCM**
18-3b (B)	**28-Oct-08**	**Office area**	**Brown mastic for brown 4" covebase**	**G/NF**	**Stop Positive**	**Included with 18-3a(A)**	**ACCM**
18-3c (A)	**28-Oct-08**	**Office area**	**Brown 4" covebase**	**G/NF**	**Stop Positive**	**Included with 18-3a(A)**	**ACCM**
18-3c (B)	**28-Oct-08**	**Office area**	**Brown mastic for brown 4" covebase**	**G/NF**	**Stop Positive**	**Included with 18-3a(A)**	**ACCM**
18-4a	28-Oct-08	Northern portion	White HVAC insulation blanket	NA	ND	NA	NA
18-5a	28-Oct-08	Northern portion	White HVAC tape	NA	ND	NA	NA

Table 7
Summary of Asbestos Building Material Survey Results
Building 18
Former General Electric Facility
5441 International Boulevard
Oakland, California

Notes:
Building materials identified as containing asbestos are depicted in **Bold.**
HVAC = heating, ventilation, and air conditioning
Lin. = linear feet
NA = Not applicable; asbestos was not detected in the sample by the laboratory.
ND = not detected
TEM = Sample further analyzed using Transmission Electron Microscopy (TEM)
VFT = vinyl floor tile
sq. ft. = square feet

Table 8
Summary of Asbestos Building Material Survey Results
Building 20
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
20-1a	28-Oct-08	Building exterior	Black bolt head gasket material	NA	ND	NA	NA
20-1b	28-Oct-08	Building exterior	Black bolt head gasket material	NA	ND	NA	NA
20-1c	28-Oct-08	Building exterior	Black bolt head gasket material	NA	ND	NA	NA
20-2a	28-Oct-08	Retaining wall	Gray cementitious material/grout	NA	ND	NA	NA
20-2b	28-Oct-08	Retaining wall	Gray cementitious material/grout	NA	ND	NA	NA
20-2c	28-Oct-08	Retaining wall	Gray cementitious material/grout	NA	ND	NA	NA

Notes:
NA = Not applicable; asbestos was not detected in the sample by the laboratory.
ND = not detected
sq. ft. = square feet

Table 9
Summary of Asbestos Building Material Survey Results
Building 21
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
21-1a	28-Oct-08	Building foundation	Gray concrete	NA	ND	NA	NA
21-1b	28-Oct-08	Building foundation	Gray concrete	NA	ND	NA	NA
21-1c	28-Oct-08	Building foundation	Gray concrete	NA	ND	NA	NA
21-2a	28-Oct-08	Secondary containment	Gray spray-applied cement	NA	ND	NA	NA
21-2b	28-Oct-08	Secondary containment	Gray spray-applied cement	NA	ND	NA	NA
21-2c	28-Oct-08	Secondary containment	Gray spray-applied cement	NA	ND	NA	NA
21-3a	28-Oct-08	Secondary containment	Gray cementitious material	NA	ND	NA	NA
21-3b	28-Oct-08	Secondary containment	Gray cementitious material	NA	ND	NA	NA
21-3c	28-Oct-08	Secondary containment	Gray cementitious material	NA	ND	NA	NA
21-4a	28-Oct-08	Building foundation	Gray moisture barrier/concrete	NA	ND	NA	NA
21-4b	28-Oct-08	Building foundation	Gray moisture barrier/concrete	NA	ND	NA	NA
21-4c	28-Oct-08	Building foundation	Gray moisture barrier/concrete	NA	ND	NA	NA
21-5a	28-Oct-08	Building exterior	Black bolt head gasket material	NA	ND	NA	NA
21-5b	28-Oct-08	Building exterior	Black bolt head gasket material	NA	ND	NA	NA
21-5c	28-Oct-08	Building exterior	Black bolt head gasket material	NA	ND	NA	NA

Notes:
NA = Not applicable; asbestos was not detected in the sample by the laboratory.
ND = not detected
sq. ft. = square feet

Table 10
Summary of Asbestos Building Material Survey Results
Fire House
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
FH-1a	**28-Oct-08**	**Building exterior**	**Gray cementitious wall/roof board**	**G/NF**	**60%**	**650**	**CAT II**
FH-1b	**28-Oct-08**	**Building exterior**	**Gray cementitious wall/roof board**	**G/NF**	**Stop Positive**	**Included with FH-1a**	**CAT II**
FH-1c	**28-Oct-08**	**Building exterior**	**Gray cementitious wall/roof board**	**G/NF**	**Stop Positive**	**Included with FH-1a**	**CAT II**
FH-2a	28-Oct-08	Building exterior	White window glazing	NA	ND	NA	NA
FH-3a	**28-Oct-08**	**Building exterior**	**Gray caulk**	**G/NF**	**5%**	**Included with FH-1a**	**CAT I**
FH-4a	29-Oct-08	Building exterior	Black ridge cap support material	NA	ND	NA	NA
FH-4b	29-Oct-08	Building exterior	Black ridge cap support material	NA	ND	NA	NA
FH-4c	29-Oct-08	Building exterior	Black ridge cap support material	NA	ND	NA	NA

Notes:
Building materials identified as containing asbestos are depicted in **Bold.**
Chrysotile asbestos detected unless otherwise noted.
G = Good condition
NA = not applicable; asbestos was not detected in the sample by the laboratory.
ND = not detected
NF = non-friable
sq. ft. = square feet

Table 11
Summary of Positive Asbestos Results
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
Building 1							
1-11a (SH)	30-Oct-08	Roof	Gray comp shingles	G/NF	ND (<0.6% TEM)	70,000	ACCM
1-11a (FELT)	30-Oct-08	Roof	Black MRR	G/NF	ND (<0.25% TEM)	Included with 1-11a(SH)	ACCM
1-11b (F1)	30-Oct-08	Roof	Dark gray comp shingles (layer 1)	G/NF	5%	70,000	CAT I
1-11c (F)	30-Oct-08	Roof	Dark gray comp shingles (layer 1)	G/NF	Stop Positive	Included with 1-11b	CAT I
1-13a (T)	30-Oct-08	1st floor - offices	White 12" x 12" VFT	G/NF	<1% (<0.25% PC)	1,500	ACCM
1-13a (M)	30-Oct-08	1st floor - offices	Black mastic for white 12" x 12" VFT	G/NF	5%	Included with 1-13a	CAT I
1-13b (T)	30-Oct-08	1st floor - offices	White 12" x 12" VFT	G/NF	Stop Positive	Included with 1-13a	ACCM
1-13b (M)	30-Oct-08	1st floor - offices	Black mastic for white 12" x 12" VFT	G/NF	Stop Positive	Included with 1-13a	CAT I
1-13c (T)	30-Oct-08	2nd floor - hallway	White 12" x 12" VFT	G/NF	Stop Positive	Included with 1-13a	ACCM
1-13c (M)	30-Oct-08	2nd floor - hallway	Black mastic for white 12" x 12" VFT	G/NF	Stop Positive	Included with 1-13a	CAT I
1-14a (T1)	30-Oct-08	1st floor - offices	Light brown 12" x 12" VFT	G/NF	<1%	800	CAT I
1-14a (M1)	30-Oct-08	1st floor - offices	Black mastic for light brown 12" x 12" VFT	G/NF	ND	Included with 1-14a	CAT I
1-14a (T2)	30-Oct-08	1st floor - offices	Light brown 12" x 12" VFT	G/NF	3%	Included with 1-14a	CAT I
1-14a (M2)	30-Oct-08	1st floor - offices	Black mastic for light brown 12" x 12" VFT	G/NF	ND	Included with 1-14a	CAT I
1-14b (T)	30-Oct-08	1st floor - offices	Light brown 12" x 12" VFT	G/NF	Stop Positive	Included with 1-14a	CAT I
1-14b (M)	30-Oct-08	1st floor - offices	Black mastic for light brown 12" x 12" VFT	G/NF	5%	Included with 1-14a	CAT I
1-14c (T)	30-Oct-08	1st floor - offices	Light brown 12" x 12" VFT	G/NF	Stop Positive	Included with 1-14a	CAT I
1-14c (M)	30-Oct-08	1st floor - offices	Black mastic for light brown 12" x 12" VFT	G/NF	Stop Positive	Included with 1-14a	CAT I
1-15a (T)	30-Oct-08	Restroom	Brown 9" x 9" VFT	G/NF	4%	1,200	CAT I
1-15a (M)	30-Oct-08	Restroom	Black mastic for brown 9" x 9" VFT	G/NF	ND (0.5% TEM)	Included with 1-15a	ACCM

Table 11
Summary of Positive Asbestos Results
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
1-16a	30-Oct-08	1st floor - offices	Painted texture	G/NF	ND	Included with 1-16b	ACCM
1-16b	30-Oct-08	1st floor - offices	Painted texture	G/FR	<1% (<0.25% PC)	17,000	ACCM
1-16c	30-Oct-08	1st floor - offices	Painted texture	G/FR	<1% (<0.25% PC)	Included with 1-16b	ACCM
1-16d	30-Oct-08	2nd floor - offices	Painted texture	G/FR	<1% (<0.25% PC)	Included with 1-16b	ACCM
1-16e	30-Oct-08	2nd floor - offices	Painted texture	G/NF	ND	Included with 1-16b	ACCM
1-20a (JC)	30-Oct-08	1st floor - offices	Joint compound	G/NF	<1% (<0.25% PC)	Included with 1-16b	ACCM
1-20b (JC)	30-Oct-08	1st floor - offices	Joint compound	G/NF	<1% (0.25% PC)	Included with 1-16b	ACCM
1-20d (JC)	30-Oct-08	2nd floor - offices	Joint compound	G/NF	<1% (<0.25% PC)	Included with 1-16b	ACCM
1-20e (JC)	30-Oct-08	2nd floor - offices	Joint compound	G/NF	<1% (<0.25% PC)	Included with 1-16b	ACCM
1-21a	30-Oct-08	Perimeter wall	Gray window glazing	G/NF	<1% (<0.1% PC)	2,000 Lin	Unregulated ACM
1-24a (T)	30-Oct-08	2nd floor - offices	Green 9" x 9" VFT (beneath carpet)	G/NF	3%	2,700	CAT I
1-24a (M)	30-Oct-08	2nd floor - offices	Black mastic for green 9" x 9" VFT	G/NF	ND (1.8% TEM)	Included with 1-24a	CAT I
1-24b (T)	30-Oct-08	2nd floor - offices	Green 9" x 9" VFT (beneath carpet)	G/NF	Stop Positive	Included with 1-24a	CAT I
1-24c (T)	30-Oct-08	2nd floor - offices	Green 9" x 9" VFT (beneath carpet)	G/NF	Stop Positive	Included with 1-24a	CAT I
1-26a (T2)	30-Oct-08	Office addition	Green 9" x 9" VFT (beneath gray 12" x 12" VFT - sample 1-26a(T1))	G/NF	<1% (0.75% PC)	1,500	ACCM
1-26a (M2)	30-Oct-08	Office addition	Black mastic for green 9" x 9" VFT	G/NF	5%	Included with 1-26a(T2)	CAT I
1-26b (T2)	30-Oct-08	Office addition	Green 9" x 9" VFT	G/NF	Stop Positive	Included with 1-26a(T2)	ACCM
1-26b (M2)	30-Oct-08	Office addition	Black mastic for green 9" x 9" VFT	G/NF	Stop Positive	Included with 1-26a(T2)	CAT I
1-26c (T2)	30-Oct-08	Office addition	Green 9" x 9" VFT	G/NF	Stop Positive	Included with 1-26a(T2)	ACCM
1-26c (M2)	30-Oct-08	Office addition	Black mastic for green 9" x 9" VFT	G/NF	Stop Positive	Included with 1-26a(T2)	CAT I

Table 11
Summary of Positive Asbestos Results
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
Building 2							
2-3a	29-Oct-08	Building interior	Gray window caulk	G/NF	5%	5,000 Lin	CAT I
2-3b	29-Oct-08	Building interior	Gray window caulk	G/NF	Stop Positive	Included with 2-3a	CAT I
2-3c	29-Oct-08	Building interior	Gray window caulk	G/NF	Stop Positive	Included with 2-3a	CAT I
2-5a	29-Oct-08	Northern restrooms	9" cement pipe	G/NF	15%	30 Lin	CAT II
2-14a	29-Oct-08	Office addition	Gray 12" x 12" VFT	G/NF	ND (18.1% TEM)	120	CAT I
2-14a	29-Oct-08	Office addition	Black mastic for gray 12" x 12" VFT	G/NF	5%	2-14a	CAT I
2-14b	29-Oct-08	Office addition	Gray 12" x 12" VFT	G/NF	Stop Positive	Included with 2-14a	CAT I
2-14b	29-Oct-08	Office addition	Black mastic for gray 12" x 12" VFT	G/NF	Stop Positive	Included with 2-14a	CAT I
2-14c	29-Oct-08	Office addition	Gray 12" x 12" VFT	G/NF	Stop Positive	Included with 2-14a	CAT I
2-14c	29-Oct-08	Office addition	Black mastic for gray 12" x 12" VFT	G/NF	Stop Positive	Included with 2-14a	CAT I
2-15a	29-Oct-08	Office addition	Tan 12" x 12" VFT	NA	ND (28.4% TEM)	180	CAT I
2-15a	29-Oct-08	Office addition	Black mastic for tan 12" x 12" VFT	G/NF	5%	Included with 2-15a	CAT I
2-15b	29-Oct-08	Office addition	Tan 12" x 12" VFT	NA	Stop Positive	Included with 2-15a	CAT I
2-15b	29-Oct-08	Office addition	Black mastic for tan 12" x 12" VFT	G/NF	Stop Positive	Included with 2-15a	CAT I
2-15c	29-Oct-08	Office addition	Tan 12" x 12" VFT	NA	Stop Positive	Included with 2-15a	CAT I
2-15c	29-Oct-08	Office addition	Black mastic for tan 12" x 12" VFT	G/NF	Stop Positive	Included with 2-15a	CAT I
2-16a	29-Oct-08	Office addition	Brown mastic for brown 4" covebase	G/NF	3%	250 Lin	CAT I
2-16b	29-Oct-08	Office addition	Brown mastic for brown 4" covebase	G/NF	Stop Positive	Included with 2-16a	CAT I
2-16c	29-Oct-08	Office addition	Brown mastic for brown 4" covebase	G/NF	Stop Positive	Included with 2-16a	CAT I
2-18a	29-Oct-08	Northern restrooms	Red 9" x 9" VFT	G/NF	10%	500	CAT I
2-18a	29-Oct-08	Northern restrooms	Black mastic for red 9" x 9" VFT	G/NF	ND (0.5% TEM)	Included with 2-18a	ACCM
2-18b	29-Oct-08	Northern restrooms	Red 9" x 9" VFT	G/NF	Stop Positive	Included with 2-18a	CAT I
2-18b	29-Oct-08	Northern restrooms	Black mastic for red 9" x 9" VFT	G/NF	Stop Positive	Included with 2-18a	ACCM
2-18c	29-Oct-08	Northern restrooms	Red 9" x 9" VFT	G/NF	Stop Positive	Included with 2-18a	CAT I
2-18c	29-Oct-08	Northern restrooms	Black mastic for red 9" x 9" VFT	G/NF	Stop Positive	Included with 2-18a	ACCM

Table 11
Summary of Positive Asbestos Results
Former General Electric Facility
5441 International Boulevard
Oakland, California

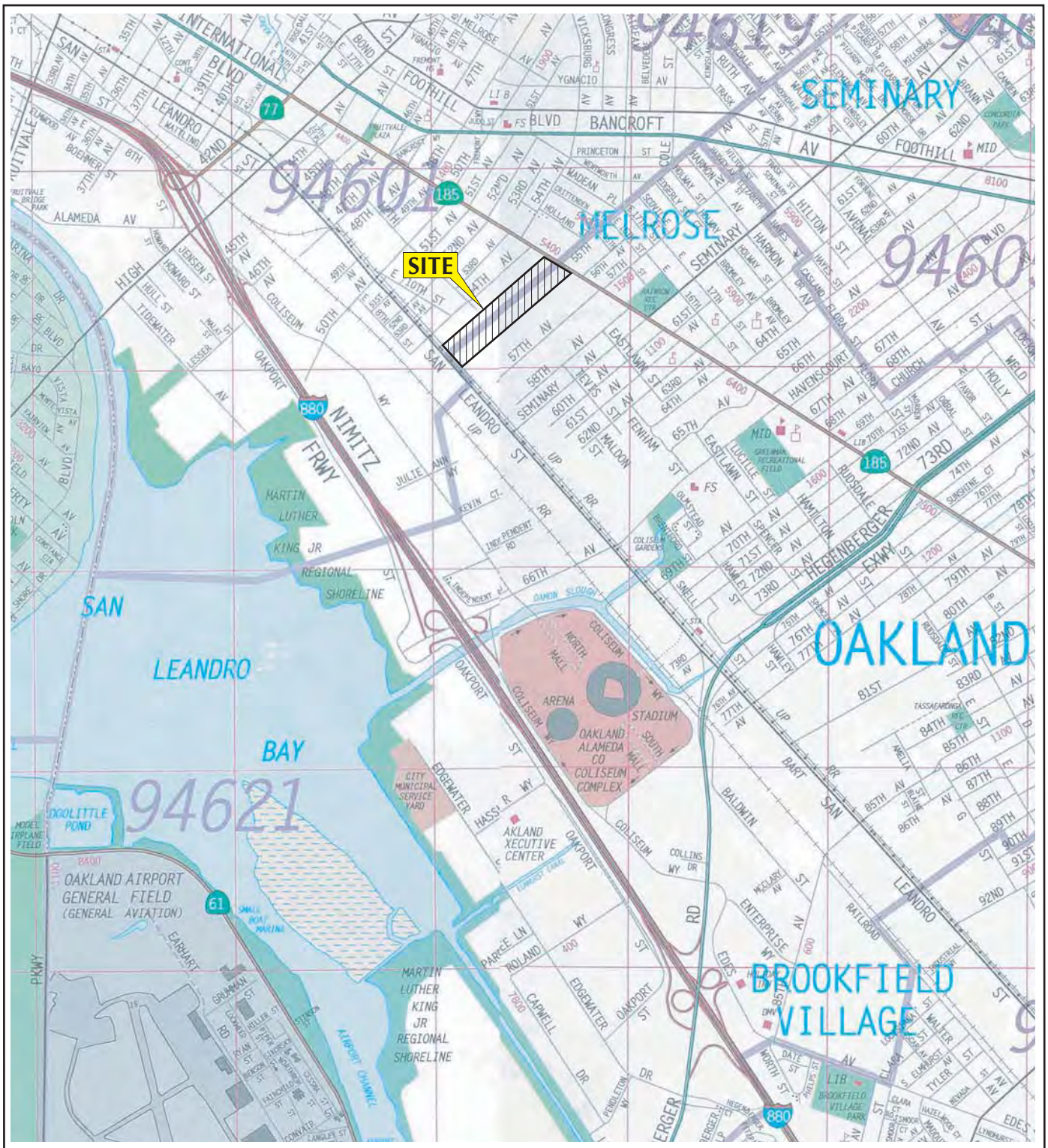
Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
Building 4							
4-1a	29-Oct-08	Roof	Black penetration mastic	G/NF	10%	500	CAT I
4-5a 1	*29-Oct-08*	*Kitchen*	*Sink undercoating*	*G/NF*	*Insufficient material*	*4*	*Assumed ACM*
Building 8							
8-3a	28-Oct-08	Southern portion	White pipe insulation	F/FR	30% - A 15%	100 Lin	RACM
8-4a	29-Oct-08	Roof	Black rolled comp shingle/mastic	G/NF	10%	1,800	CAT I
8-4b	29-Oct-08	Roof	Black rolled comp shingle/mastic	G/NF	Stop Positive	Included with 8-4a	CAT I
8-4c	29-Oct-08	Roof	Black rolled comp shingle/mastic	G/NF	Stop Positive	Included with 8-4a	CAT I
Building 9							
9-1a (tile)	29-Oct-08	Concrete pad	Beige 9" x 9" VFT	G/NF	10%	900	CAT I
9-1a (mastic)	29-Oct-08	Concrete pad	Black mastic for beige 9" x 9" VFT	G/NF	5%	Included with 9-1a	CAT I
9-1b	29-Oct-08	Concrete pad	Beige 9" x 9" VFT	F/NF	Stop Positive	Included with 9-1a	CAT I
9-1b	29-Oct-08	Concrete pad	Black mastic for beige 9" x 9" VFT	F/NF	Stop Positive	Included with 9-1a	CAT I
9-1c	29-Oct-08	Concrete pad	Beige 9" x 9" VFT	F/NF	Stop Positive	Included with 9-1a	CAT I
9-1c	29-Oct-08	Concrete pad	Black mastic for beige 9" x 9" VFT	F/NF	Stop Positive	Included with 9-1a	CAT I
9-2a	29-Oct-08	Restroom (interior)	SFM; paper backing	F/NF	ND (<0.25% TEM)	150	ACCM
9-2b	29-Oct-08	Restroom (interior)	SFM; paper backing	F/NF	Stop Positive	Included with 9-2a	ACCM
9-2c	29-Oct-08	Restroom (interior)	SFM; paper backing	F/NF	Stop Positive	Included with 9-2a	ACCM
Building 17							
17-8a	29-Oct-08	Roof	Rolled comp; felt paper	G/NF	ND (<0.25% TEM)	50,000	ACCM
17-8b	29-Oct-08	Roof	Rolled comp; felt paper	G/NF	Stop Positive	Included with 17-8a	ACCM
17-8c	29-Oct-08	Roof	Rolled comp; felt paper	G/NF	Stop Positive	Included with 17-8a	ACCM

Table 11
Summary of Positive Asbestos Results
Former General Electric Facility
5441 International Boulevard
Oakland, California

Sample No.	Date Sampled	Material Location	Material Description	Condition/ Friable	Analytical Result	Approx. Quantity (sq. ft.)	Classification
Building 18							
18-2a (B)	28-Oct-08	Office area	Clear mastic for white 12" x 12" VFT	G/NF	ND (<0.25% TEM)	150	ACCM
18-2b (B)	28-Oct-08	Office area	Clear mastic for white 12" x 12" VFT	G/NF	Stop Positive	Included with 18-2a(B)	ACCM
18-2c (B)	28-Oct-08	Office area	Clear mastic for white 12" x 12" VFT	G/NF	Stop Positive	Included with 18-2a(B)	ACCM
18-3a (A)	28-Oct-08	Office area	Brown 4" covebase	G/NF	ND (<0.25% TEM)	100 Lin	ACCM
18-3a (B)	28-Oct-08	Office area	Brown mastic for brown 4" covebase	G/NF	ND (<0.25% TEM)	Included with 18-3a(A)	ACCM
18-3b (A)	28-Oct-08	Office area	Brown 4" covebase	G/NF	Stop Positive	Included with 18-3a(A)	ACCM
18-3b (B)	28-Oct-08	Office area	Brown mastic for brown 4" covebase	G/NF	Stop Positive	Included with 18-3a(A)	ACCM
18-3c (A)	28-Oct-08	Office area	Brown 4" covebase	G/NF	Stop Positive	Included with 18-3a(A)	ACCM
18-3c (B)	28-Oct-08	Office area	Brown mastic for brown 4" covebase	G/NF	Stop Positive	Included with 18-3a(A)	ACCM
Fire House Building							
FH-1a	28-Oct-08	Building exterior	Gray cementitious wall/roof board	G/NF	60%	650	CAT II
FH-1b	28-Oct-08	Building exterior	Gray cementitious wall/roof board	G/NF	Stop Positive	Included with FH-1a	CAT II
FH-1c	28-Oct-08	Building exterior	Gray cementitious wall/roof board	G/NF	Stop Positive	Included with FH-1a	CAT II
FH-3a	28-Oct-08	Building exterior	Gray caulk	G/NF	5%	Included with FH-1a	CAT I

1. Assume sink undercoating (sample 4-5a) is ACM unless sampled and established to be non-ACM.
Chrysotile asbestos detected unless otherwise noted.
A - Amosite asbestos
ACCM - asbestos containing construction material
F - Fair condition
FR - friable
G - Good condition
Lin. - linear feet
MRR - mineral rolled roofing
NA - not applicable; asbestos was not detected in the sample by the laboratory.
ND - not detected
NF - non-friable
PC - Sample further analyzed using point counting analysis
SFM - sheet flooring material
sq. ft. - square feet
TEM - Sample further analyzed using Transmission Electron Microscopy (TEM)
VFT - vinyl floor tile

Figures



SOURCE: ALAMEDA COUNTY 2002
THE THOMAS GUIDE

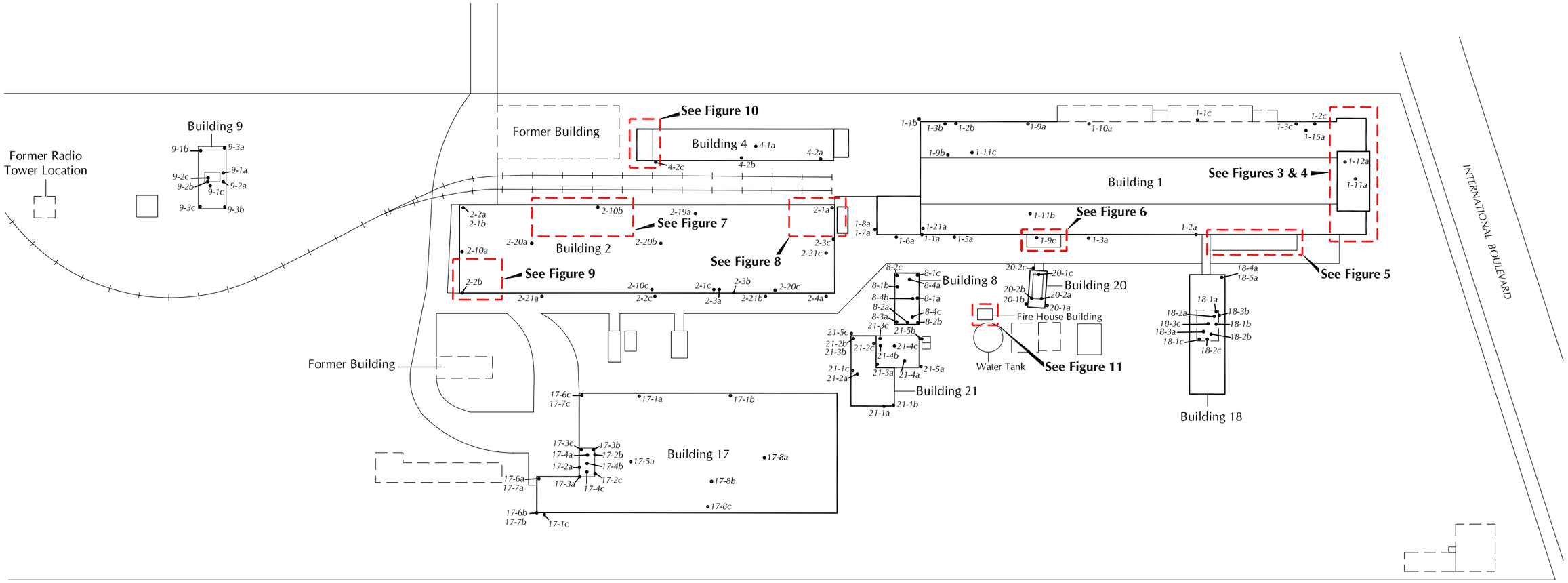
Site Location Map

Former General Electric Facility
5441 International Boulevard, Oakland, California

LFR

Figure 1

H:\LFPublic\GRAPHICS FILES\FIGURES\09435_Arcadis GE Facility\003.09435.00.003_F1.ai 120108



LEGEND

• *1-1a* Sample Identification Number and Approximate Sample Location

0 60 120 FEET

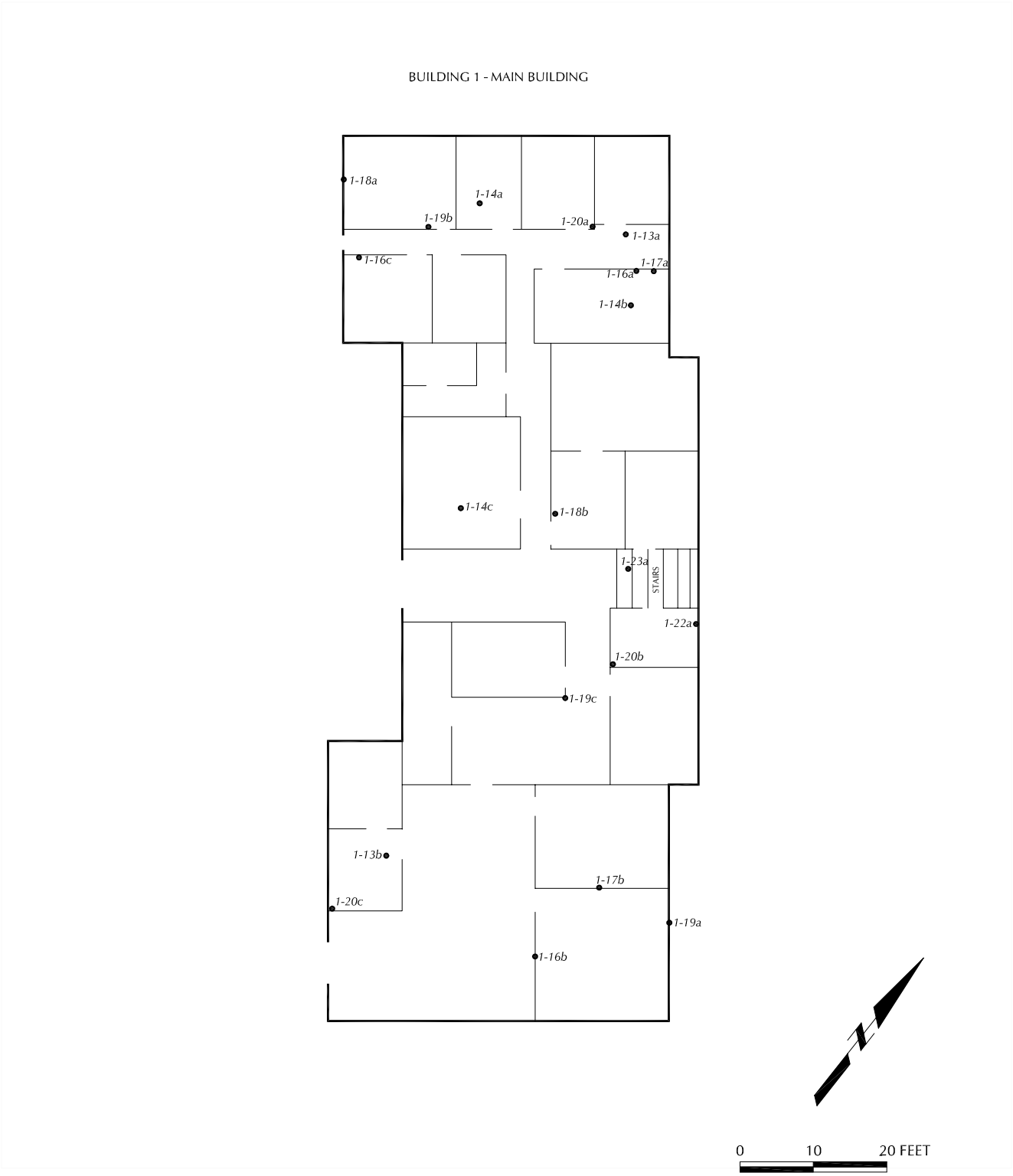
Site Plan

Former General Electric Facility
5441 International Boulevard
Oakland, California

LFR

Figure 2

H:\LFPUBLIC\GRAPHICS FILES\FIGURES\09435_Arcadis_GE-Oakland\09435.00.03_F2.dwg Dec 03,2008-9:22am



LEGEND

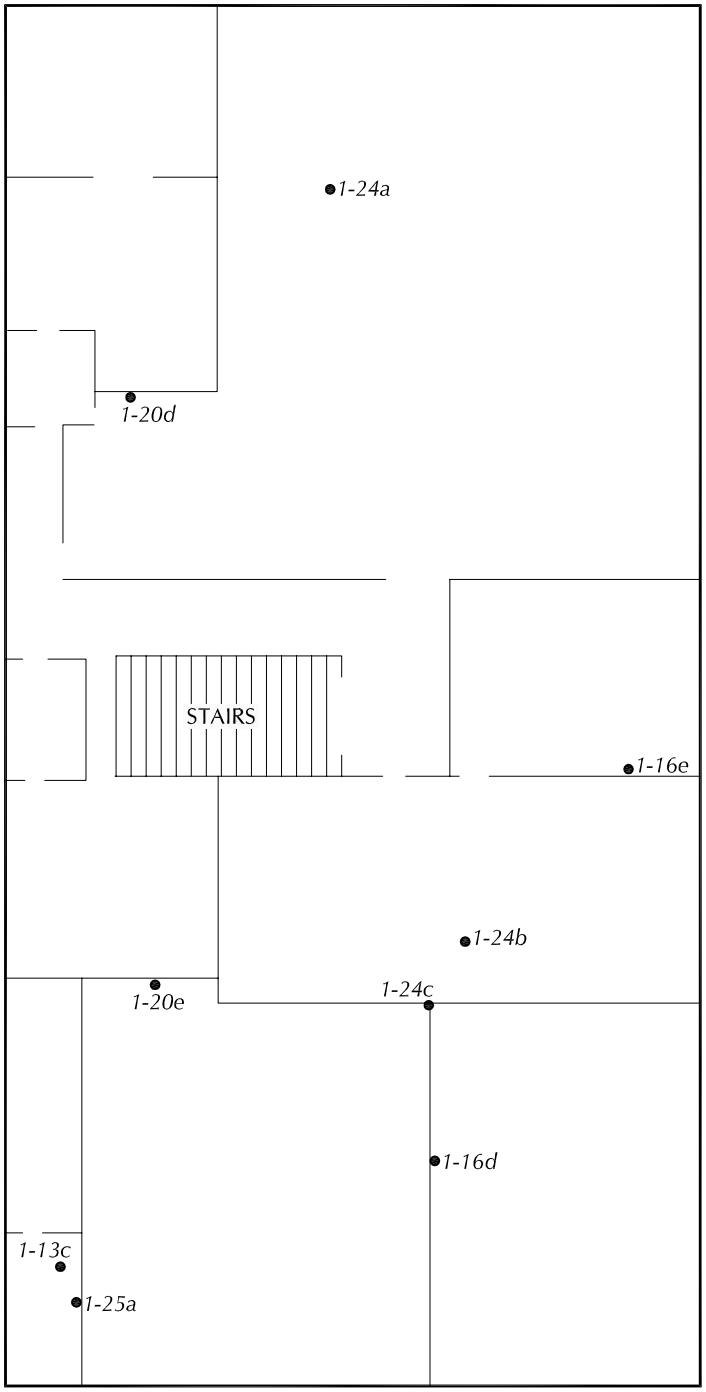
• *1-13a* Sample Identification Number and Approximate Sample Location

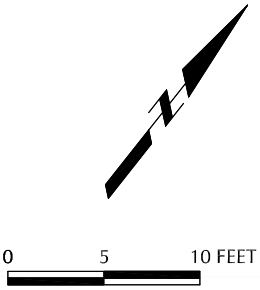
Building 1 - First Floor (Office Area)

Former General Electric Facility
5441 International Boulevard
Oakland, California

Figure 3

H:\LFPUBLIC\GRAPHICS FILES\FIGURES\09435_Arcadis_GE-Oakland\09435.00.03_BLDGs.dwg Dec 02,2008-9:26am





LEGEND

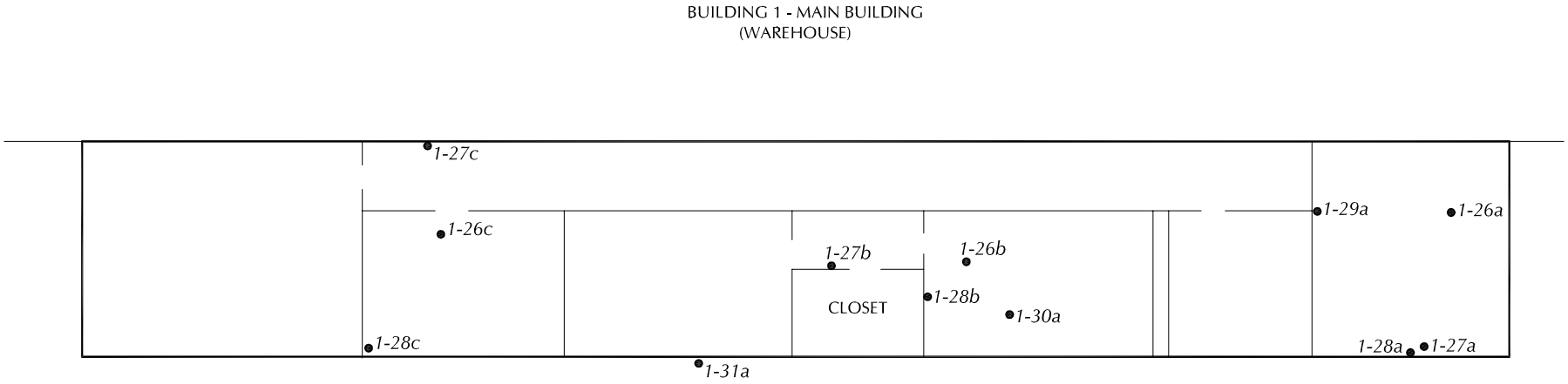
• *1-13c* Sample Identification Number and Approximate Sample Location

Building 1 - Second Floor (Office Area)

Former General Electric Facility
5441 International Boulevard
Oakland, California

Figure 4

H:\LFPUBLIC\GRAPHICS FILES\FIGURES\09435_Arcadis_GE-Oakland\09435.00.03_BLDGs.dwg Dec 02,2008-9:28am



DRAWING NOT TO SCALE

LEGEND

• *1-26a* Sample Identification Number and Approximate Sample Location

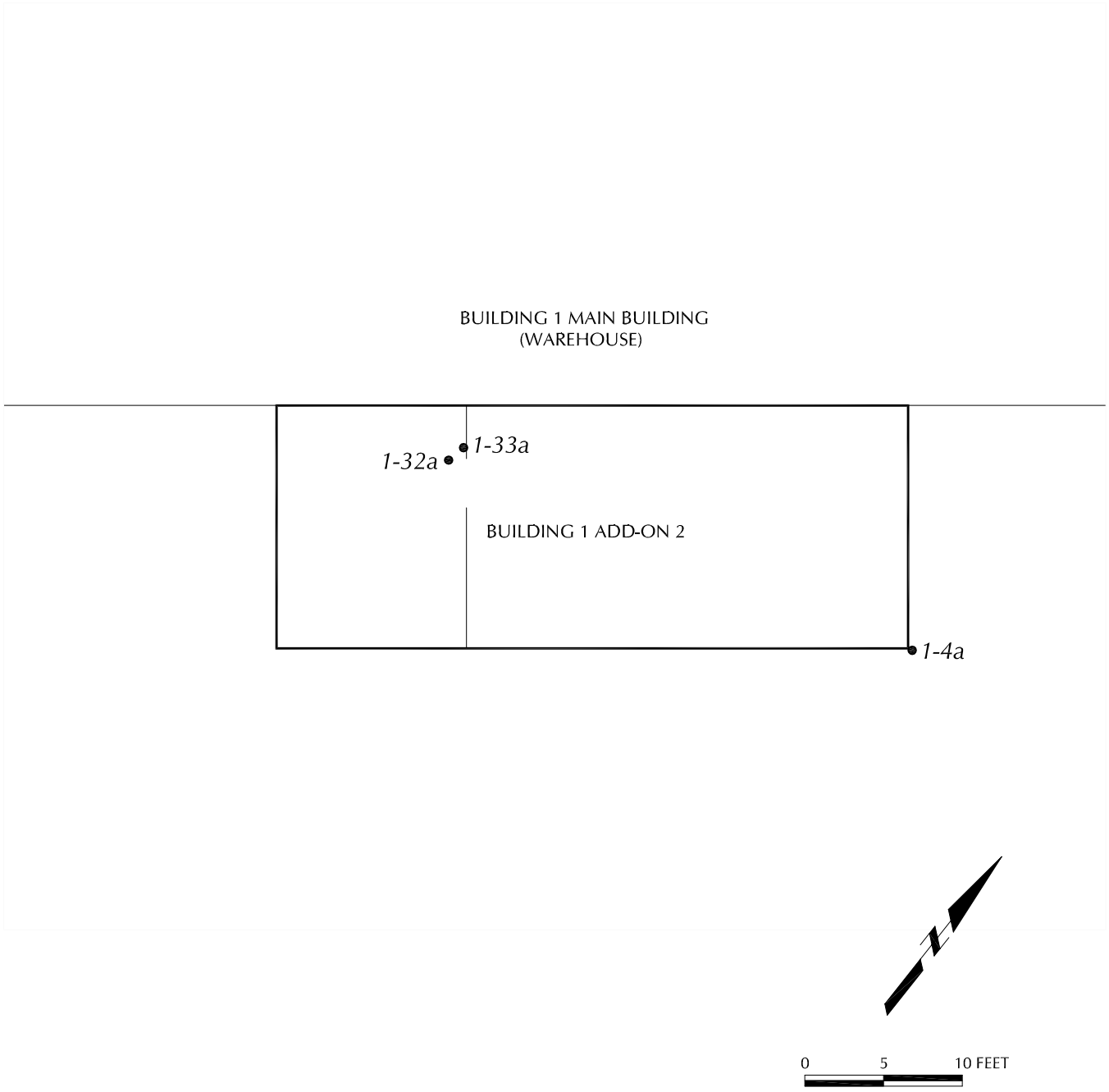
Building 1 - Main Building (Office Addition)

Former General Electric Facility
5441 International Boulevard
Oakland, California

LFR

Figure 5

H:\LFPUBLIC\GRAPHICS FILES\FIGURES\09435_Arcadis_GE-Oakland\09435.00.03_BLDGs.dwg Dec 03,2008-9:25am



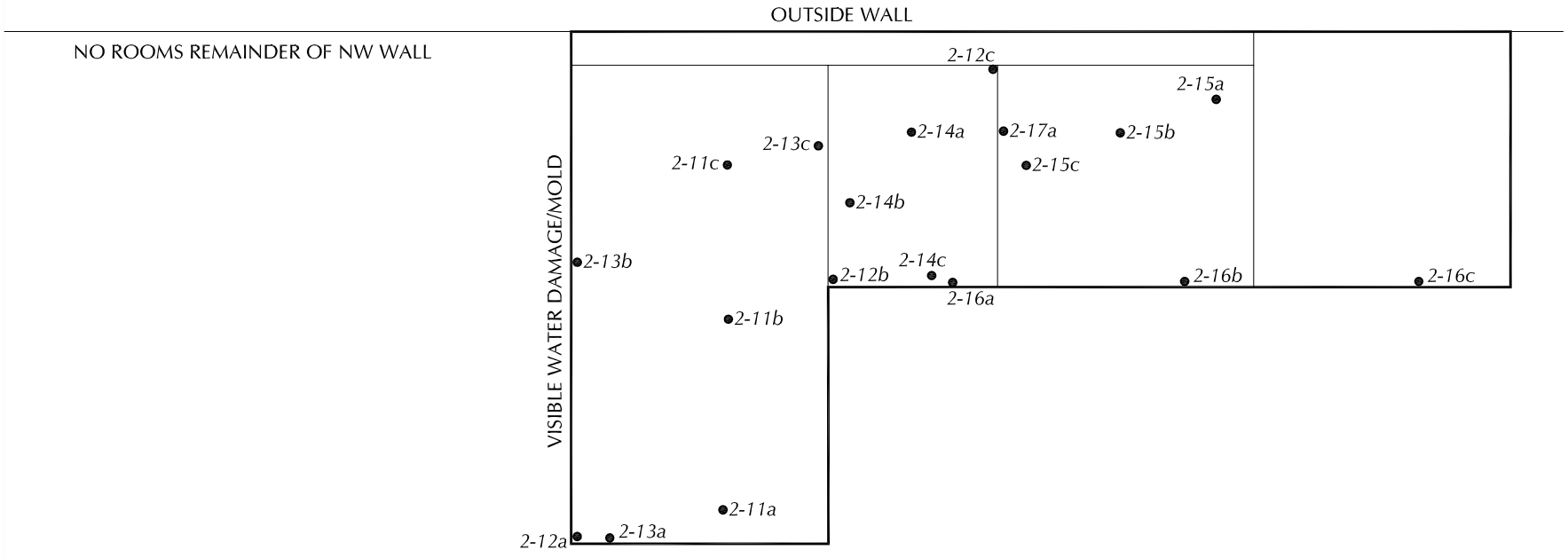
LEGEND

• *1-4a* Sample Identification Number and Approximate Sample Location

Building 1
(Storage Addition)
Former General Electric Facility
5441 International Boulevard
Oakland, California

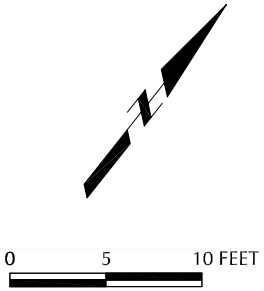
Figure 6

H:\LFPUBLIC\GRAPHICS FILES\FIGURES\09435_Arcadis_GE-Oakland\09435.00.03_BLDGs.dwg Dec 02,2008-9:32am



LEGEND

• *2-11a* Sample Identification Number and Approximate Sample Location



Building 2
(Office Addition)

Former General Electric Facility
5441 International Boulevard
Oakland, California

LFR

Figure 7

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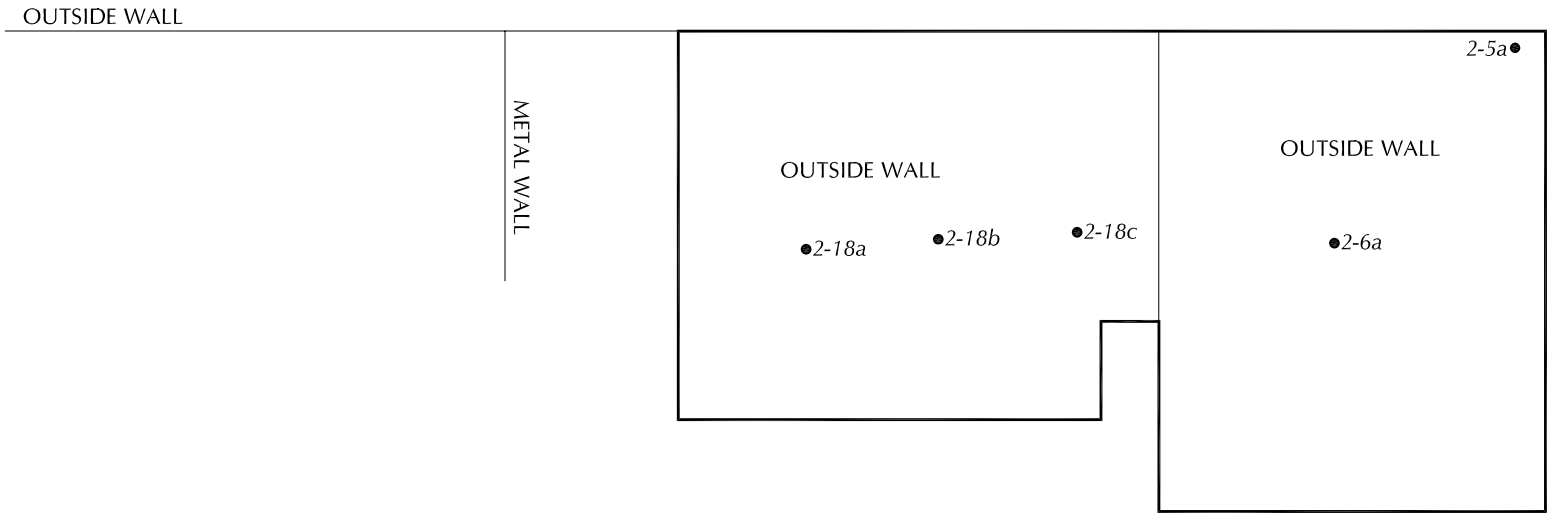


LEGEND

• *2-5a* Sample Identification Number and Approximate Sample Location

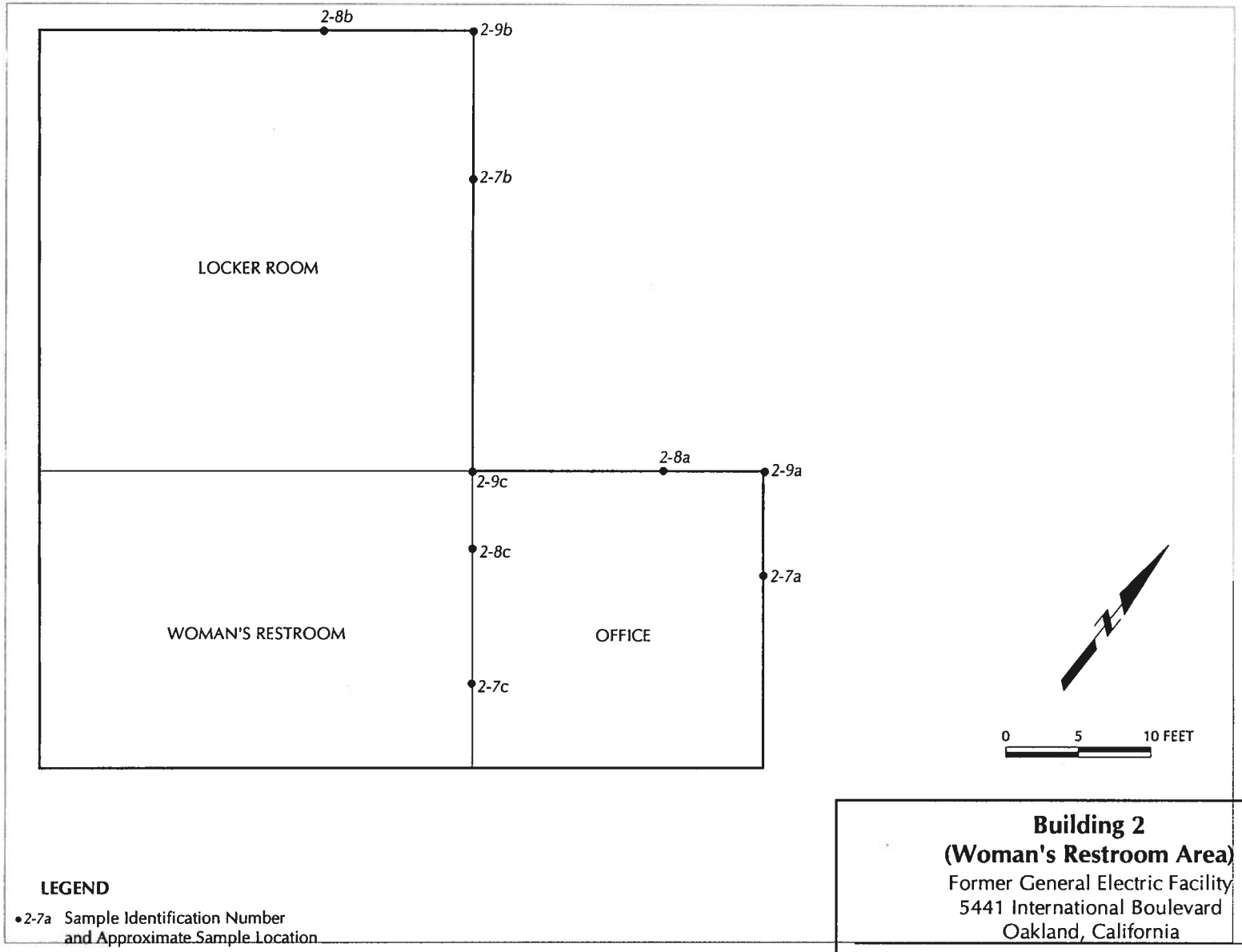
0 5 10 FEET

Building 2
(Northern Restrooms)
Former General Electric Facility
5441 International Boulevard
Oakland, California

LFR

Figure 8

H:\LFPUBLIC\GRAPHICS FILES\FIGURES\09435_Arcadis_GE-Oakland\09435.00.03_BLDGs.dwg Dec 02,2008-9:36am

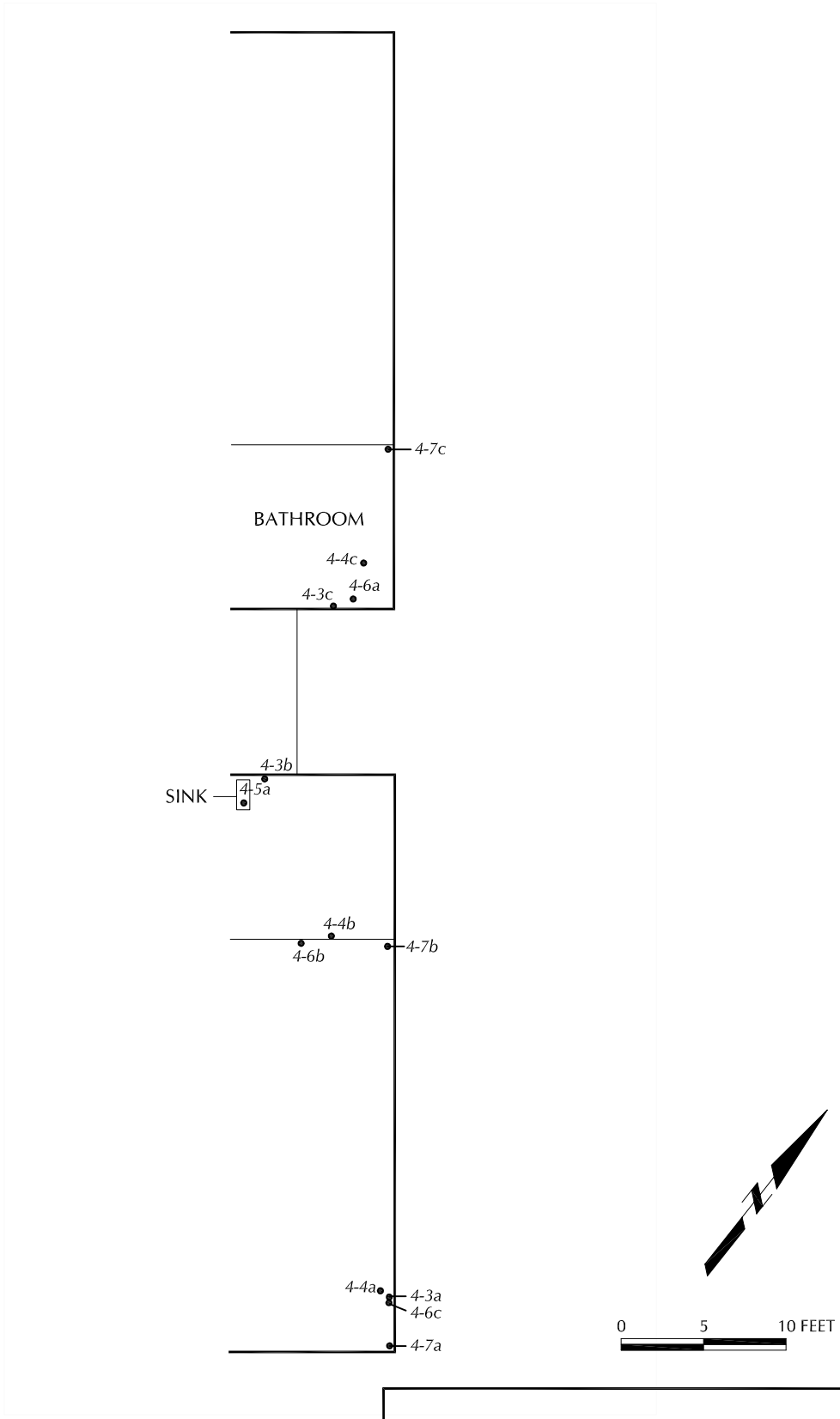


Building 2
(Woman's Restroom Area)
Former General Electric Facility
5441 International Boulevard
Oakland, California

LFR

Figure 9

H:\LFPUBLIC\GRAPHICS FILES\FIGURES\09435_Arcadis_GE-Oakland\09435.00.03_BLDGs.dwg Dec 02,2008-10:03am



LEGEND

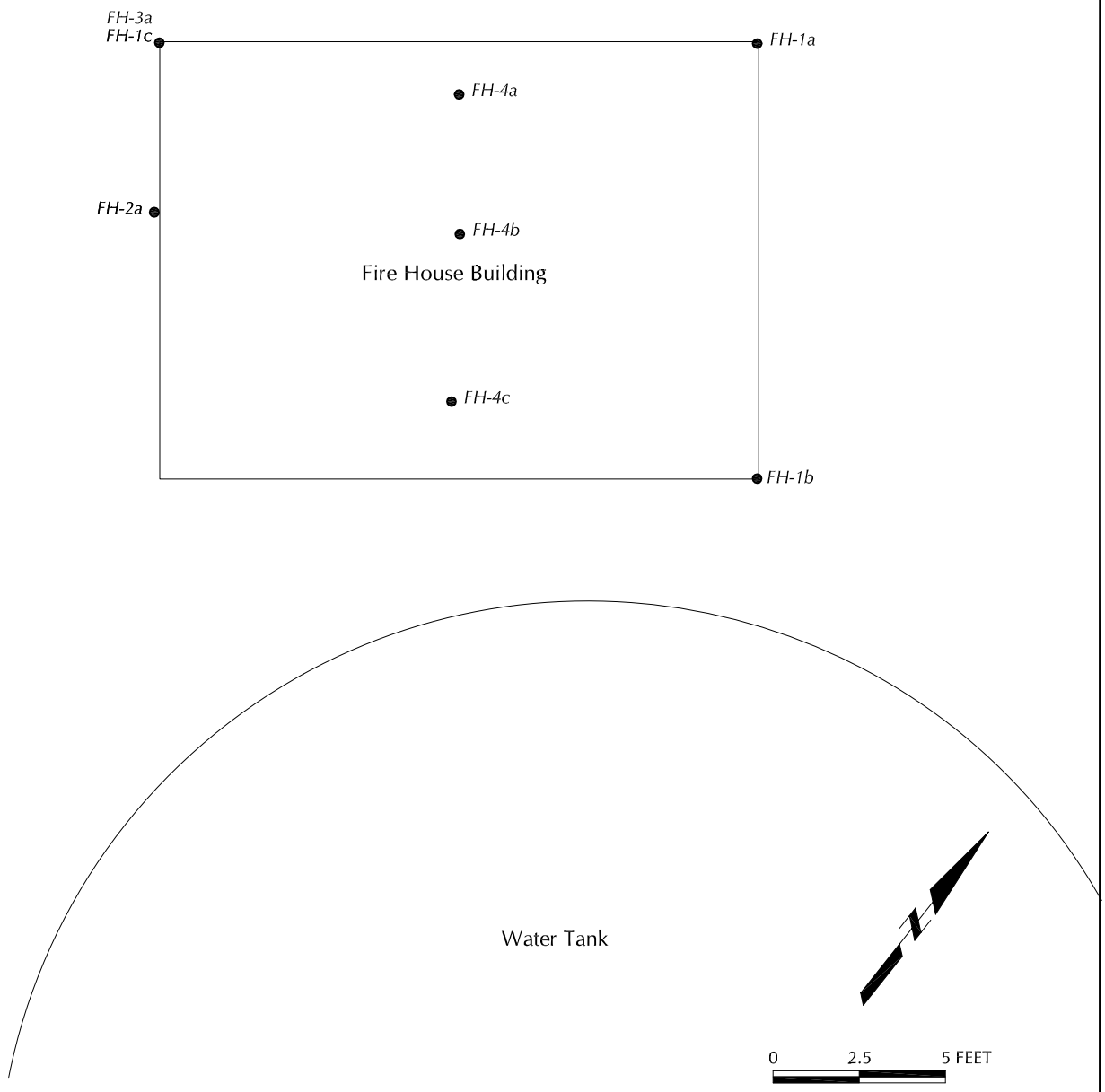
• *4-3a* Sample Identification Number and Approximate Sample Location

Building 4

Former General Electric Facility
5441 International Boulevard
Oakland, California

Figure 10

H:\LFPUBLIC\GRAPHICS FILES\FIGURES\09435_Arcadis_GE-Oakland\09435.00.03_BLDGs.dwg Dec 02,2008-9:39am



LEGEND

•*FH-1a* Sample Identification Number and Approximate Sample Location

Fire House Building

Former General Electric Facility
5441 International Boulevard
Oakland, California

LFR

Figure 11

H:\LFPUBLIC\GRAPHICS FILES\FIGURES\09435_Arcadis_GE-Oakland\09435.00.03_BLDGs.dwg Dec 02,2008-9:58am

APPENDIX A

Laboratory Analytical Reports and Chain-of-Custody Forms

EMSL Analytical, Inc.
107 Haddon Ave., Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontasblab@EMSL.com

Attn: **Sal Mendoza**
LFR Inc.
4190 Douglas Boulevard
Suite 200
Granite Bay, CA 95746-9460

Fax: (916) 786-0366 Phone: (916) 786-0320
Project: **5441 INTERNATIONAL**

Customer ID: LEVI62
Customer PO:
Received: 10/30/08 10:30 AM
EMSL Order: 040828318

EMSL Proj:
Analysis Date: 11/5/2008
ReportD ate: 11/5/2008

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
4-1a,P enetration mastic *040828318-0001*		Black Fibrous Heterogeneous		90% Non-fibrous (other)	**10% Chrysotile**
4-2a,S heetm etal, gasket *040828318-0002*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-2b,S heetm etal, gasket *040828318-0003*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-2c,S heetm etal, gasket *040828318-0004*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-3a,P aint texture *040828318-0005*		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-3b,P aint texture *040828318-0006*		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-3c,P aint texture *040828318-0007*		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (36)
Will DiBella (91)

Stephen Siegel,C IH, Laboratory Manager
or other approved signatory

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
4-4a,12 x12 VFT TILE *040828318-0008*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-4a,12 x12 VFT MASTIC *040828318-0008A*		Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-4a,12 x12 VFT LEVELING COMPOUND *040828318-0008B*		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-4b,12 x12 VFT TILE *040828318-0009*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-4b,12 x12 VFT MASTIC *040828318-0009A*		Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-4b,12 x12 VFT LEVELING COMPOUND *040828318-0009B*		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (36)
Will DiBella (91)

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Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
4-4c,12 x12 VFT TILE *040828318-0010*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-4c,12 x12 VFT MASTIC *040828318-0010A*		Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-4c,12 x12 VFT LEVELING COMPOUND *040828318-0010B*		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-5a,U ndercoating *040828318-0011*					**Insufficient Material**
4-6a,4' COVEBASE *040828318-0012*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-6a,4' MASTIC *040828318-0012A*		Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4-6b,4' COVEBASE *040828318-0013*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
4-6b,4' MASTIC *040828318-0013A*		Cream Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
4-6c,4' COVEBASE *040828318-0014*		Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
4-6c,4' MASTIC *040828318-0014A*		Cream Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
4-7a DRYWALL *040828318-0015*		Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
4-7a JT. COMPOUND *040828318-0015A*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
4-7b DRYWALL *040828318-0016*		Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
4-7b JT. COMPOUND *040828318-0016A*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
4-7c DRYWALL *040828318-0017*		Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
4-7c JT. COMPOUND *040828318-0017A*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
9-1a,9 x9' VFT TILE *040828318-0018*		Brown Non-Fibrous Heterogeneous			90%	Non-fibrous (other)	**10% Chrysotile**
9-1a,9 x9' VFT MASTIC *040828318-0018A*		Black Fibrous Heterogeneous			95%	Non-fibrous (other)	**5% Chrysotile**
9-1b,9 x9' VFT TILE *040828318-0019*							**Stop Positive (Not Analyzed)**
9-1b,9 x9' VFT MASTIC *040828318-0019A*							**Stop Positive (Not Analyzed)**
9-1c,9 x9' VFT TILE *040828318-0020*							**Stop Positive (Not Analyzed)**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
9-1c,9 x9' VFT MASTIC *040828318-0020A*					**Stop Positive (Not Analyzed)**
9-2a,S FM,p aper backing *040828318-0021*		Various Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
9-2b,S FM,p aper backing *040828318-0022*		Various Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
9-2c,S FM,p aper backing *040828318-0023*		Various Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
9-3a,C oncrete *040828318-0024*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
9-3b,C oncrete *040828318-0025*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
9-3c,C oncrete *040828318-0026*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos %	Type
FH-4a,R idge cap supportm aterial *040828318-0027*		Black Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**	
FH-4b,R idge cap supportm aterial *040828318-0028*		Black Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**	
FH-4c,R idge cap supportm aterial *040828318-0029*		Black Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**	
8-4a,R olled comp shingle,m astic *040828318-0030*		Black Fibrous Heterogeneous			90%	Non-fibrous (other)	**10%**	**Chrysotile**
8-4b,R olled comp shingle,m astic *040828318-0031*							**Stop Positive (Not Analyzed)**	
8-4c,R olled comp shingle,m astic *040828318-0032*							**Stop Positive (Not Analyzed)**	

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Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
M-1b,A sphalt, patch material *040828318-0033*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
M-4a,C oncrete support *040828318-0034*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
M-4b,C oncrete support *040828318-0035*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
M-4c,C oncrete support *040828318-0036*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
17-1a,S heetm etal boltg asket *040828318-0037*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
17-1b,S heetm etal boltg asket *040828318-0038*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
17-1c,S heetm etal boltg asket *040828318-0039*		Black Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
17-2a,T exture *040828318-0040*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
17-2b,T exture *040828318-0041*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
17-2c,T exture *040828318-0042*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
17-3a,D W/JC *040828318-0043*		Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
17-3b,D W/JC *040828318-0044*		Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
17-3C,D W/JC *040828318-0045*		Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
17-4a,C arpet adhesive *040828318-0046*		Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
17-4b,C arpet adhesive *040828318-0047*		Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
17-4c,C arpet adhesive *040828318-0048*		Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
17-5a,E lectrical panel *040828318-0049*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
17-6a,C MU,g rout *040828318-0050*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
17-6b,C MU,g rout *040828318-0051*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
17-6c,C MU,g rout *040828318-0052*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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17-7a,C oncrete, material *040828318-0053*		Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
17-7b,C oncrete, material *040828318-0054*		Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
17-7c,C oncrete, material *040828318-0055*		Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
17-8a,R olled comp, feltp aper *040828318-0056*		White/Black Fibrous Heterogeneous	20%	Glass	80%	Non-fibrous (other)	**None Detected**
17-8b,R olled comp, feltp aper *040828318-0057*		White/Black Fibrous Heterogeneous	20%	Glass	80%	Non-fibrous (other)	**None Detected**
17-8c,R olled comp, feltp aper *040828318-0058*		White/Black Fibrous Heterogeneous	20%	Glass	80%	Non-fibrous (other)	**None Detected**

Analyst(s)

Alexis Turner (36)
Will DiBella (91)

Stephen Siegel,C IH, Laboratory Manager
or other approved signatory

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
2-1a,Br ick,m ortar *040828318-0059*		Brown/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-1b,Br ick,m ortar *040828318-0060*		Brown/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-1c,Br ick,m ortar *040828318-0061*		Brown/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-2a, Foundation concrete *040828318-0062*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-2b, Foundation concrete *040828318-0063*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-2c, Foundation concrete *040828318-0064*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-3a,W indow caulk *040828318-0065*		Gray/White Fibrous Heterogeneous		95% Non-fibrous (other)	**5% Chrysotile**

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Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
2-3b,W indow caulk *040828318-0066*					**Stop Positive (Not Analyzed)**
2-3c,W indow caulk *040828318-0067*					**Stop Positive (Not Analyzed)**
2-4a,C oncrete wall patch *040828318-0068*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-5a,9' Cementpi pe *040828318-0069*		White Fibrous Heterogeneous		85% Non-fibrous (other)	**15% Chrysotile**
2-6a,H andwash basin *040828318-0070*		Various Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-7a,T exture *040828318-0071*		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-7b,T exture *040828318-0072*		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
2-7c,T exture *040828318-0073*		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-8a,9' COVEBASE *040828318-0074*		Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-8a,9' MASTIC *040828318-0074A*		Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-8b,9' COVEBASE *040828318-0075*		Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-8b,9' MASTIC *040828318-0075A*		Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-8c,9' COVEBASE *040828318-0076*		Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-8c,9' MASTIC *040828318-0076A*		Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
2-9a,DR YWALL *040828318-0077*		Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
2-9a,J T. COMPOUND *040828318-0077A*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-9b,DR YWALL *040828318-0078*		Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
2-9b,J T. COMPOUND *040828318-0078A*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-9c,DR YWALL *040828318-0079*		Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
2-9c,J T. COMPOUND *040828318-0079A*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-10a,W indow glazing *040828318-0080*		Gray/Brown Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
2-10b,W indow glazing *040828318-0081*		Various Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-10c,W indow glazing *040828318-0082*		Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-11a,12 x12 VFT, mastic *040828318-0083*		Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-11b,12 x12 VFT, mastic *040828318-0084*		Cream Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-11c,12 x12 VFT, mastic *040828318-0085*		Cream Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-12a DRYWALL *040828318-0086*		Brown/White/Pink Fibrous Heterogeneous	20%	Cellulose	80%	Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
2-12a JT. COMPOUND *040828318-0086A*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-12b DRYWALL *040828318-0087*		Brown/White Fibrous Heterogeneous	40%	Cellulose	60%	Non-fibrous (other)	**None Detected**
2-12b JT. COMPOUND *040828318-0087A*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-12c DRYWALL *040828318-0088*		Brown/White Fibrous Heterogeneous	20%	Cellulose	80%	Non-fibrous (other)	**None Detected**
2-12c JT. COMPOUND *040828318-0088A*		White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-13a,T exture *040828318-0089*		Brown/White Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-13b,T exture *040828318-0090*		Brown/White Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**

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2-13c,T exture *040828318-0091*		Brown/White Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-14a,12 x12 VFT TILE *040828318-0092*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-14a,12 x12 VFT MASTIC *040828318-0092A*		Black Non-Fibrous Heterogeneous		95% Non-fibrous (other)	**5% Chrysotile**
2-14b,12 x12 VFT TILE *040828318-0093*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-14b,12 x12 VFT MASTIC *040828318-0093A*					**Stop Positive (Not Analyzed)**
2-14c,12 x12 VFT TILE *040828318-0094*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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2-14c,12 x12 VFT MASTIC *040828318-0094A*					**Stop Positive (Not Analyzed)**
2-15a,12 x12 VFT TILE *040828318-0095*		Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-15a,12 x12 VFT MASTIC *040828318-0095A*		Black Non-Fibrous Heterogeneous		95% Non-fibrous (other)	**5% Chrysotile**
2-15b,12 x12 VFT TILE *040828318-0096*		Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-15b,12 x12 VFT MASTIC *040828318-0096A*					**Stop Positive (Not Analyzed)**
2-15c,12 x12 VFT TILE *040828318-0097*		Tan Other Heterogeneous		100% Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
2-15c,12 x12 VFT MASTIC *040828318-0097A*					**Stop Positive (Not Analyzed)**
2-16a,4' COVEBASE *040828318-0098*		Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-16a,4' MASTIC *040828318-0098A*		Brown Non-Fibrous Heterogeneous		97% Non-fibrous (other)	3% **Chrysotile**
2-16b,4' COVEBASE *040828318-0099*		Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-16b,4' MASTIC *040828318-0099A*					**Stop Positive (Not Analyzed)**
2-16c,4' COVEBASE *040828318-0100*		Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-16c,4' MASTIC *040828318-0100A*					**Stop Positive (Not Analyzed)**

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2-17a,W odd panel, mastic *040828318-0101*		Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
2-18a,9 x9 VFT TILE *040828318-0102*		Red Non-Fibrous Heterogeneous		90% Non-fibrous (other)	**10% Chrysotile**
2-18a,9 x9 VFT MASTIC *040828318-0102A*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-18b,9 x9 VFT TILE *040828318-0103*					**Stop Positive (Not Analyzed)**
2-18b,9 x9 VFT MASTIC *040828318-0103A*		Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2-18c,9 x9 VFT TILE *040828318-0104*					**Stop Positive (Not Analyzed)**

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Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
2-18c,9 x9 VFT MASTIC *040828318-0104A*		Black Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-19a,H VAC, tape *040828318-0105*		Gray Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
2-20a,M RR *040828318-0106*		Black Non-Fibrous Heterogeneous	30%	Cellulose	70%	Non-fibrous (other)	**None Detected**
2-20b,M RR *040828318-0107*		Black Non-Fibrous Heterogeneous	30%	Cellulose	70%	Non-fibrous (other)	**None Detected**
2-20c,M RR *040828318-0108*		Black Non-Fibrous Heterogeneous	30%	Cellulose	70%	Non-fibrous (other)	**None Detected**

Analyst(s)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
18-1a-A, DW *090808612-0001*		Tan Fibrous Heterogeneous	20%	Cellulose	80%	Non-fibrous (other)	**None Detected**
18-1a-B, JC *090808612-0001A*		White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
18-1a-C, Texture *090808612-0001B*		White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
18-1b-A, DW *090808612-0002*		Tan Fibrous Heterogeneous	20%	Cellulose	80%	Non-fibrous (other)	**None Detected**
18-1b-B, JC *090808612-0002A*		White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
18-1b-C, Skimcoat *090808612-0002B*		White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
18-1c-A, DW *090808612-0003*		Tan Fibrous Heterogeneous	20%	Cellulose	80%	Non-fibrous (other)	**None Detected**

Analyst(s)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
18-1c-B, JC *090808612-0003A*		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-1c-C, Skimcoat *090808612-0003B*		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-2a-A, 12x12 VFT *090808612-0004*		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-2a-B, Mastic *090808612-0004A*		Clear Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-2b-A 12x12 VFT *090808612-0005*		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-2b-B, Mastic *090808612-0005A*		Clear Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-2c-A, 12x12 VFT 1 *090808612-0006*		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
18-2c-B, 12x12 VFT 2 *090808612-0006A*		Clear Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-3a-A, 4' Covebase *090808612-0007*		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-3a-B, Mastic *090808612-0007A*		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-3b-A, 4' Covebase *090808612-0008*		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-3b-B, Mastic *090808612-0008A*		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-3c-A, 4' Covebase *090808612-0009*		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
18-3c-B, Mastic *090808612-0009A*		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	%	Non-Asbestos Fibrous	%	Non-Asbestos Non-Fibrous	Asbestos % Type
18-4a, Insulation blanket (HVAC) *090808612-0010*		White Fibrous Homogeneous	95%	Synthetic	5%	Non-fibrous (other)	**None Detected**
18-5a, HVAC tape *090808612-0011*		White Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
20-1a, Head gasket material *090808612-0012*		Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
20-1b, Head gasket material *090808612-0013*		Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
20-1c, Head gasket material *090808612-0014*		Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
20-2a, Cementitious material, grout *090808612-0015*		Gray Non-Fibrous Homogeneous	5%	Min. Wool	95%	Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos %	Type
20-2b, Cementitious material, grout *090808612-0016*		Gray Non-Fibrous Homogeneous	5%	Min. Wool	95%	Non-fibrous (other)	**None Detected**	
20-2c, Cementitious material, grout *090808612-0017*		Gray Non-Fibrous Homogeneous	5%	Min. Wool	95%	Non-fibrous (other)	**None Detected**	
FH-1a, Cementicious wall, roof board *090808612-0018*		Gray Fibrous Heterogeneous			40%	Non-fibrous (other)	**60%**	**Chrysotile**
FH-1b, Cementicious wall, roof board *090808612-0019*							**Stop Positive (Not Analyzed)**	
FH-1c, Cementicious wall, roof board *090808612-0020*							**Stop Positive (Not Analyzed)**	

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
FH-2a, Window glazing *090808612-0021*		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
FH-3a, Caulk *090808612-0022*		Gray Non-Fibrous Homogeneous		95% Non-fibrous (other)	**5% Chrysotile**
8-1a-A, Cementitious material *090808612-0023*		Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
8-1a-B, Grout *090808612-0023A*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
8-1b-A, Cementitious material *090808612-0024*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
8-1b-B, Grout *090808612-0024A*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
8-1c-A, Cementitious material *090808612-0025*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
8-1c-B, Grout *090808612-0025A*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
8-2a, Dust *090808612-0026*		White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**
8-2b, Dust *090808612-0027*		White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**
8-2c, Dust *090808612-0028*		White Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**
8-3a, Pipe insulation *090808612-0029*		White, Black Fibrous Homogeneous		55% Non-fibrous (other)	**30% Amosite** **15% Chrysotile**
21-1a, Concrete *090808612-0030*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
21-1b, Concrete *090808612-0031*		Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
21-1c, Concrete *090808612-0032*		Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
21-2a, Spray applied cement *090808612-0033*		Gray Non-Fibrous Heterogeneous	5%	Cellulose	95%	Non-fibrous (other)	**None Detected**
21-2b, Spray applied cement *090808612-0034*		Gray Non-Fibrous Heterogeneous	5%	Cellulose	95%	Non-fibrous (other)	**None Detected**
21-2c, Spray applied cement *090808612-0035*		Gray Non-Fibrous Heterogeneous	5%	Cellulose	95%	Non-fibrous (other)	**None Detected**
21-3a, Cementitious material *090808612-0036*		Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
21-3b, Cementitious material *090808612-0037*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
21-3c, Cementitious material *090808612-0038*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
21-4a, Moisture barrier, concrete *090808612-0039*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
21-4b, Moisture barrier, concrete *090808612-0040*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
21-4c, Moisture barrier, concrete *090808612-0041*		Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
21-5a, Head gasket material *090808612-0042*		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	% Fibrous (Non-Asbestos)	% Non-Fibrous (Non-Asbestos)	% Type (Asbestos)
21-5b, Head gasket material *090808612-0043*		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
21-5c, Head gasket material *090808612-0044*		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
M-1a, Patch, asphalt material *090808612-0045*					**Not Analyzed**
M-2a, Containment concrete *090808612-0046*					**Not Analyzed**
M-2b, Containment concrete *090808612-0047*					**Not Analyzed**
M-2c, Containment concrete *090808612-0048*					**Not Analyzed**

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Baojia Ke, Laboratory Manager
or other approved signatory

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NVLAP Lab Code 101048-3

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Customer ID: LEVI62
Customer PO:
Received: 10/29/08 9:23 AM
EMSL Order: 090808612

EMSL Proj:
Analysis Date: 11/2/2008
Report Date: 11/3/2008

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	%	Non-Asbestos Fibrous	%	Non-Fibrous	Asbestos %	Type
M-3a, Containment concrete *090808612-0049*								**Not Analyzed**
M-3b, Containment concrete *090808612-0050*								**Not Analyzed**
M-3c, Containment concrete *090808612-0051*								**Not Analyzed**

Analyst(s)

Alan Tahran (57)

Baojia Ke, Laboratory Manager
or other approved signatory

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Project: **5441 International**

Customer ID: 32LEVI62
Customer PO:
Received: 11/03/08 9:00 AM
LA Testing Order: 320812397

LA Testing Proj:
Analysis Date: 11/6/2008
ReportD ate: 11/6/2008

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
1-1a *320812397-0001*	Gray concrete foundation	Gray/Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
1-1b *320812397-0002*	Gray concrete foundation	Gray/Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
1-1c *320812397-0003*	Gray concrete foundation	Gray/Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
1-2a *320812397-0004*	Gray window sill cement	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-2b *320812397-0005*	Gray window sill cement	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-2c *320812397-0006*	Gray window sill cement	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
M-1c *320812397-0007*	Black asphalt/black patch				**Not Analyzed**

Per clients requestho ld sample.

Analyst(s)

Rafik Vartanian, Ph.D (86)
Wendy Liu (19)

Derrick Tanner,L aboratory Manager
or other approved signatory

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
M-5a *320812397-0008*	Gray cementpi pe		Per clients requestho ld sample.		**Not Analyzed**
1-3a BRICK *320812397-0009*	Red brick/gray brick grout	Red Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-3a GROUT *320812397-0009A*	Red brick/gray brick grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-3b BRICK *320812397-0010*	Red brick/gray brick grout	Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-3b GROUT *320812397-0010A*	Red brick/gray brick grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-3c BRICK *320812397-0011*	Red brick/gray brick grout	Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-3c GROUT *320812397-0011A*	Red brick/gray brick grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
1-4a *320812397-0012*	Gray CMU/CT gray grout	Brown/Red/Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
1-5a *320812397-0013*	Gray cementw all patch	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-6a *320812397-0014*	Black boltg asket material	Gray Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-7a *320812397-0015*	Gray cement/CT gray concrete	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-8a *320812397-0016*	Blk moisture barrier paper	Black Fibrous Homogeneous	60%	Cellulose	40%	Non-fibrous (other)	**None Detected**
1-9a *320812397-0017*	Gray foundation concrete	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-9b *320812397-0018*	Gray foundation concrete	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

Analyst(s)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
1-9c *320812397-0019*	Gray foundation concrete	Gray/Green Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
1-10a *320812397-0020*	Gray CMU/CT gray grout	Red/Gray Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
1-11a SH *320812397-0021*	Gray comp shingles/black MRR/Dk gray comp shingles	White/Black Fibrous Heterogeneous	10% 20%	Celiulose Glass	70%	Non-fibrous (other)	**None Detected**
1-11a FELT *320812397-0021A*	Gray comp shingles/black MRR/Dk gray comp shingles	Black Fibrous Homogeneous	5% 20%	Cellulose Glass	75%	Non-fibrous (other)	**None Detected**
1-11a BARIER PAPER *320812397-0021B*	Gray comp shingles/black MRR/Dk gray comp shingles	White/Brown Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
1-11b SH1 *320812397-0022*	Gray comp shingles/black MRR/Dk gray comp shingles	Brown/Black Non-Fibrous Heterogeneous	20%	Glass	80%	Non-fibrous (other)	**None Detected**

Analyst(s)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
1-11b SH2 *320812397-0022A*	Gray comp shingles/black MRR/Dk gray comp shingles	White/Black Non-Fibrous Heterogeneous	25%	Glass	75%	Non-fibrous (other)	**None Detected**
1-11b F1 *320812397-0022B*	Gray comp shingles/black MRR/Dk gray comp shingles	Black/Brown Fibrous Homogeneous	20%	Celluiose	75%	Non-fibrous (other)	**5% Chrysotile**
1-11b F2 *320812397-0022C*	Gray comp shingles/black MRR/Dk gray comp shingles	Black Fibrous Homogeneous	2% 20%	Cellulose Glass	78%	Non-fibrous (other)	**None Detected**
1-11c SH *320812397-0023*	Gray comp shingles/black MRR/Dk gray comp shingles	White/Black Fibrous Heterogeneous	10%	Glass	90%	Non-fibrous (other)	**None Detected**
1-11c F *320812397-0023A*	Gray comp shingles/black MRR/Dk gray comp shingles						**Stop Positive (Not Analyzed)**
1-12a *320812397-0024*	Black vibration damper	Black/White Fibrous Heterogeneous	20%	Glass	80%	Non-fibrous (other)	**None Detected**

Analyst(s)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Fibrous	%	Asbestos %	Type
1-13a T *320812397-0025*	Wht 12x12 VFT/black mastic	Tan Non-Fibrous Homogeneous			100%	Non-fibrous (other)	<1%	**Chrysotile**
1-13a M *320812397-0025A*	Wht 12x12 VFT/black mastic	Black Non-Fibrous Homogeneous	<1%	Cellulose	95%	Non-fibrous (other)	5%	**Chrysotile**
1-13b T *320812397-0026*	Wht 12x12 VFT/black mastic						**Stop Positive (Not Analyzed)**	
1-13b M *320812397-0026A*	Wht 12x12 VFT/black mastic						**Stop Positive (Not Analyzed)**	
1-13c T *320812397-0027*	Wht 12x12 VFT/black mastic						**Stop Positive (Not Analyzed)**	
1-13c M *320812397-0027A*	Wht 12x12 VFT/black mastic						**Stop Positive (Not Analyzed)**	
1-14a T1 *320812397-0028*	Lt brown 12x12 VFT/black mastic	Tan Non-Fibrous Homogeneous			100%	Non-fibrous (other)	<1%	**Chrysotile**
1-14a M1 *320812397-0028A*	Lt brown 12x12 VFT/black mastic	Black Non-Fibrous Homogeneous	5%	Cellulose	95%	Non-fibrous (other)	**None Detected**	

Analyst(s)

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Wendy Liu (19)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos %	Type
1-14a T2 *320812397-0028B*	Lt brown 12x12 VFT/black mastic	Brown Non-Fibrous Homogeneous			97%	Non-fibrous (other)	3%	Chrysotile
1-14a M2 *320812397-0028C*	Lt brown 12x12 VFT/black mastic	Black Non-Fibrous Homogeneous	3%	Cellulose	97%	Non-fibrous (other)	None Detected	
1-14b T *320812397-0029*	Lt brn 12x12 VFT/blk mastic						Stop Positive (Not Analyzed)	
1-14b M *320812397-0029A*	Lt brn 12x12 VFT/blk mastic	Black Non-Fibrous Homogeneous	3%	Cellulose	92%	Non-fibrous (other)	5%	Chrysotile
1-14c T *320812397-0030*	Lt brn 12x12 VFT/blk mastic						Stop Positive (Not Analyzed)	
1-14c M *320812397-0030A*	Lt brn 12x12 VFT/blk mastic						Stop Positive (Not Analyzed)	
1-15a T *320812397-0031*	Brown 9x9 VFT/black mastic	Brown Non-Fibrous Homogeneous	<1%	Cellulose	96%	Non-fibrous (other)	4%	Chrysotile
1-15a M *320812397-0031A*	Brown 9x9 VFT/black mastic	Black Non-Fibrous Homogeneous	2%	Cellulose	98%	Non-fibrous (other)	None Detected	

Analyst(s)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
1-16a *320812397-0032*	Painted texture	Brown/Tan Fibrous Heterogeneous	15%	Cellulose	85%	Non-fibrous (other)	**None Detected**
1-16b *320812397-0033*	Painted texture	Brown/Tan Fibrous Heterogeneous	5%	Cellulose	95%	Non-fibrous (other)	**<1% Chrysotile**
1-16c *320812397-0034*	Painted texture	Brown/Tan Fibrous Heterogeneous	2%	Cellulose	98%	Non-fibrous (other)	**<1% Chrysotile**
1-16d *320812397-0035*	Painted texture	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**<1% Chrysotile**
1-16e *320812397-0036*	Painted texture	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-17a CB *320812397-0037*	Lt brn 4" bc/wht mastic	Brown Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
1-17a M *320812397-0037A*	Lt brn 4" bc/wht mastic	Tan Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
1-17b CB *320812397-0038*	Lt brn 4" bc/wht mastic	Brown Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
1-17b M *320812397-0038A*	Lt brn 4" bc/wht mastic	Tan Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
1-18a CB *320812397-0039*	Dk brown 4" B.C./yellow mastic	Brown Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-18a M *320812397-0039A*	Dk brown 4" B.C./yellow mastic	Tan Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-18b CB *320812397-0040*	Dk brown 4" B.C./yellow mastic	Brown Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-18b M *320812397-0040A*	Dk brown 4" B.C./yellow mastic	Brown Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-19a CB *320812397-0041*	Blk 4" B.C./yellow mastic	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

Analyst(s)

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
1-19a M *320812397-0041A*	Blk 4" B.C./yellow mastic	Tan Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-19b CB *320812397-0042*	Blk 4" B.C./yellow mastic	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-19b M *320812397-0042A*	Blk 4" B.C./yellow mastic	Tan Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
1-19c CB *320812397-0043*	Blk 4" B.C./brown mastic	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-19c M *320812397-0043A*	Blk 4" B.C./brown mastic	Brown Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-20a DW *320812397-0044*	DW/JC	Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
1-20a JC *320812397-0044A*	DW/JC	Tan Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**<1% Chrysotile**

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			Non-Asbestos				Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
1-20b DW *320812397-0045*	DW/JC	Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
1-20b JC *320812397-0045A*	DW/JC	Tan Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**<1% Chrysotile**
1-20c DW *320812397-0046*	DW/JC	Brown/White Fibrous Heterogeneous	15%	Cellulose	85%	Non-fibrous (other)	**None Detected**
1-20c JC *320812397-0046A*	DW/JC	Tan Non-Fibrous Homogeneous	3%	Cellulose	97%	Non-fibrous (other)	**None Detected**
1-20d DW *320812397-0047*	DW/JC	Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
1-20d JC *320812397-0047A*	DW/JC	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**<1% Chrysotile**
1-20e DW *320812397-0048*	DW/JC	Brown/White Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
1-20e JC *320812397-0048A*	DW/JC	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**<1% Chrysotile**
1-21a *320812397-0049*	Gray window glazzing	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**<1% Chrysotile**
1-22a *320812397-0050*	Drywall (near heat reg)	Brown/Green Fibrous Heterogeneous	5%	Cellulose	95%	Non-fibrous (other)	**None Detected**
1-23a *320812397-0051*	Brn stair tread/brn mastic	Brown Non-Fibrous Homogeneous	<1%	Cellulose No mastic present for analysis	100%	Non-fibrous (other)	**None Detected**
1-24a T *320812397-0052*	Green 9x9 VFT/blk mastic (beneath carpet)	Green Non-Fibrous Homogeneous			97%	Non-fibrous (other)	**3% Chrysotile**
1-24a M *320812397-0052A*	Green 9x9 VFT/blk mastic (beneath carpet)	Black Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
1-24b T *320812397-0053*	Green 9x9 VFT/blk mastic (beneath carpet)						**Stop Positive (Not Analyzed)**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
1-24b M *320812397-0053A*	Green 9x9 VFT/blk mastic (beneath carpet)	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-24c T *320812397-0054*	Green 9x9 VFT/blk mastic (beneath carpet)				**Stop Positive (Not Analyzed)**
1-24c M *320812397-0054A*	Green 9x9 VFT/blk mastic (beneath carpet)	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-25a *320812397-0055*	Gray wall plaster material	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-26a T1 *320812397-0056*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-26a M1 *320812397-0056A*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-26a T2 *320812397-0056B*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas	Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	**<1% Chrysotile**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
1-26a M2 *320812397-0056C*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	**5% Chrysotile**
1-26b T1 *320812397-0057*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-26b M1 *320812397-0057A*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1-26b T2 *320812397-0057B*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas				**Stop Positive (Not Analyzed)**
1-26b M2 *320812397-0057C*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas				**Stop Positive (Not Analyzed)**
1-26c T1 *320812397-0058*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
1-26c M1 *320812397-0058A*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas	Tan Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-26c T2 *320812397-0058B*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas						**Stop Positive (Not Analyzed)**
1-26c M2 *320812397-0058C*	Gray 12x12 VFT/orange mastic/green 9x9 VFT/blk mas						**Stop Positive (Not Analyzed)**
1-27a *320812397-0059*	Painted texture	Brown/Tan Non-Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
1-27b *320812397-0060*	Painted texture	Brown/Tan Non-Fibrous Heterogeneous	15%	Cellulose	85%	Non-fibrous (other)	**None Detected**
1-27c *320812397-0061*	Painted texture	Brown/Tan Non-Fibrous Heterogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
1-28a DW *320812397-0062*	DW/JC	White Non-Fibrous Homogeneous	5%	Cellulose	95%	Non-fibrous (other)	**None Detected**

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			Non-Asbestos				Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
1-28a JC *320812397-0062A*	DW/JC	White Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
1-28b DW *320812397-0063*	DW/JC	Tan Non-Fibrous Homogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
1-28b JC *320812397-0063A*	DW/JC	Tan Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
1-28c DW *320812397-0064*	DW/JC	Tan Non-Fibrous Homogeneous	10%	Cellulose	90%	Non-fibrous (other)	**None Detected**
1-28c JC *320812397-0064A*	DW/JC	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-29a CB *320812397-0065*	Gray 4" BC/orange mastic	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-29a M *320812397-0065A*	Gray 4" BC/orange mastic	Brown Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
1-30a *320812397-0066*	White 2x4 CP	Gray/White Fibrous Heterogeneous	30% 20%	Cellulose Glass	50%	Non-fibrous (other)	**None Detected**
1-31a STUCCO *320812397-0067*	Lt gray CMU/gray grout	Tan Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-31a GROUT *320812397-0067A*	Lt gray CMU/gray grout	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-32a T *320812397-0068*	White 12x12 VFT/black mastic	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-32a M *320812397-0068A*	White 12x12 VFT/black mastic	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-33a CB *320812397-0069*	Brown 6" BC/brown mastic	Brown Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
1-33a M *320812397-0069A*	Brown 6" BC/brown mastic	Tan Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

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Sample	Location	Appearance	Non-Asbestos %	Fibrous	Non-Asbestos %	Non-Fibrous	Asbestos % Type
2-21a *320812397-0070*	Lt gray window sill cement	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
2-21b *320812397-0071*	Lt gray window sill cement	Gray Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
2-21c *320812397-0072*	Lt gray window sill cement	Gray Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

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Granite Bay, CA 95746-9460

Fax: (916) 786-0366 Phone: (916) 786-0320
Project: **5441 International**

Customer ID: LEVI62
Customer PO:
Received: 11/28/08 9:00 AM
EMSL Order: 090809351

EMSL Proj:
Analysis Date: 12/3/2008
Report Date: 12/4/2008

Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1-21A, Window glazing *090809351-0009*		Tan Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.1% Chrysotile**

Analyst(s)
Alan Tahran (1)

Baojia Ke, Laboratory Manager
or other approved signatory

NVLAP Lab Code 101048-3

EMSL Analytical, Inc
2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
Phone: (510) 895-3675 Fax: (510) 895-3680 Email: milpitaslab@emsl.com

Attn: **Lita Freeman**
LFR INC
4190 Douglas Boulevard
Suite 200
Granite Bay, CA 95746-9460

Fax: (916) 786-0366 Phone: (916) 786-0320
Project: **5441 International**

Customer ID: LEVI62
Customer PO:
Received: 11/28/08 9:00 AM
EMSL Order: 090809351

EMSL Proj:
Analysis Date: 12/2/2008
Report Date: 12/4/2008

Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using 400 Point Count Procedure.

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
1-13A, 12x12 VFT *090809351-0001*		Tan Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
1-16B, Textured paint *090809351-0002*		Brown, Tan Fibrous Heterogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
1-16C, Textured paint *090809351-0003*		Brown, Tan Fibrous Heterogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
1-16D, Textured paint *090809351-0004*		White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
1-20A, Joint compound *090809351-0005*		Tan Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
1-20B, Joint compound *090809351-0006*		Tan Non-Fibrous Homogeneous		99.75% Non-fibrous (other)	**0.25% Chrysotile**
1-20D, Joint compound *090809351-0007*		White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
1-20E, Joint compound *090809351-0008*		White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**

Analyst(s)
Rui Cindy Geng (10)

Baojia Ke, Laboratory Manager
or other approved signatory

Samples received in good condition unless otherwise noted.
NVLAP Lab Code 101048-3

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Customer PO:
Received: 11/28/08 9:00 AM
EMSL Order: 090809351

EMSL Proj:
Analysis Date: 12/2/2008
Report Date: 12/4/2008

Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using 400 Point Count Procedure.

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1-21A, Window glazing *090809351-0009*		White Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
1-26A, 9x9 VFT *090809351-0010*		Green Non-Fibrous Homogeneous		99.25% Non-fibrous (other)	**0.75% Chrysotile**

Analyst(s)
Rui Cindy Geng (10)

Baojia Ke, Laboratory Manager
or other approved signatory

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NVLAP Lab Code 101048-3

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Fax: (916) 786-0366 Phone: (916) 786-0320
Project: **5441 International**

Customer ID: LEVI62
Customer PO:
Received: 11/25/08 5:45 PM
EMSL Order: 090809316

EMSL Proj:
Analysis Date: 12/4/2008
Report Date: 12/4/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
1-11a (SH) *090809316-0001*	Gray comp shingles	Various Fibrous Homogeneous	38.8	60.5 Non-fibrous (other)	<0.6% Chrysotile
1-11a (FELT) *090809316-0002*	Black MRR	Various Fibrous Homogeneous	84.4	15.5 Non-fibrous (other)	<0.25% Chrysotile
1-15a (M) *090809316-0003*	Black mastic for brown 9" x 9" VFT	Various Fibrous Homogeneous	51.9	47.6 Non-fibrous (other)	0.5% Chrysotile
1-17a (CB) *090809316-0004*	Light brown 4" basecove	Various Fibrous Homogeneous	23.7	76.3 Non-fibrous (other)	No Asbestos Detected
1-17a (M) *090809316-0005*	White mastic for light brown 4" basecove	Various Fibrous Homogeneous	75.2	24.8 Non-fibrous (other)	No Asbestos Detected
1-18a (CB) *090809316-0006*	Dark brown 4" basecove	Various Fibrous Homogeneous	59.4	40.6 Non-fibrous (other)	No Asbestos Detected
1-18a (M) *090809316-0007*	Yellow mastic for dark brown 4" basecove	Various Fibrous Homogeneous	99.1	0.9 Non-fibrous (other)	No Asbestos Detected
1-19a (CB) *090809316-0008*	Black 4" basecove	Various Fibrous Homogeneous	32.4	67.6 Non-fibrous (other)	No Asbestos Detected

Analyst(s)

Kenneth Dunbar (21) *Nonette Patron (3)*
Kelly Favero (12)

Baojia Ke, Laboratory Manager
or other approved signatory

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EMSL Proj:
Analysis Date: 12/4/2008
Report Date: 12/4/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
1-19a (M) *090809316-0009*	Yellow mastic for black 4" basecove	Various Fibrous Homogeneous	92.4	7.7 Non-fibrous (other)	No Asbestos Detected
1-19c (M) *090809316-0010*	Brown mastic for black 4" covebase	Various Fibrous Homogeneous	75.2	24.8 Non-fibrous (other)	No Asbestos Detected
1-23a *090809316-0011*	Brown stair tread/brown mastic	Various Fibrous Homogeneous	88.2	11.8 Non-fibrous (other)	No Asbestos Detected
1-24a (M) *090809316-0012*	Black mastic for green 9" x 9" VFT	Various Fibrous Homogeneous	81.7	16.5 Non-fibrous (other)	1.8% Chrysotile
1-26a (T1) *090809316-0013*	Gray 12" x 12" VFT	Various Fibrous Homogeneous	48.0	52.0 Non-fibrous (other)	No Asbestos Detected
1-26a (M1) *090809316-0014*	Orange mastic for gray 12" x 12" VFT				
Insufficient Material					
1-29a (CB) *090809316-0015*	Gray 4" basecove	Various Fibrous Homogeneous	76.3	23.7 Non-fibrous (other)	No Asbestos Detected
1-29a (M) *090809316-0016*	Orange mastic for gray 4" basecove	Various Fibrous Homogeneous	51.6	48.5 Non-fibrous (other)	No Asbestos Detected

Analyst(s)

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EMSL Proj:
Analysis Date: 12/4/2008
Report Date: 12/4/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
1-32a (T) *090809316-0017*	White 12" x 12" VFT	Various Fibrous Homogeneous	86.4	13.6 Non-fibrous (other)	No Asbestos Detected
1-32a (M) *090809316-0018*	Black mastic for white 12" x 12" VFT				
Insufficient Material					
1-33a (CB) *090809316-0019*	Brown 6" basecove	Various Fibrous Homogeneous	60.4	39.6 Non-fibrous (other)	No Asbestos Detected
1-33a (M) *090809316-0020*	Brown mastic for brown 6" covebase	Various Fibrous Homogeneous	69.4	30.6 Non-fibrous (other)	No Asbestos Detected
2-8a *090809316-0021*	9" Covebase	Various Fibrous Homogeneous	27.8	72.2 Non-fibrous (other)	No Asbestos Detected
2-8a *090809316-0022*	Mastic for 9" covebase	Various Fibrous Homogeneous	71.4	28.6 Non-fibrous (other)	No Asbestos Detected
2-11a *090809316-0023*	12" x 12" VFT	Various Fibrous Homogeneous	91.5	8.4 Non-fibrous (other)	No Asbestos Detected
2-14a (TILE) *090809316-0024*	Gray 12" x 12" VFT	Various Fibrous Homogeneous	74.1	7.8 Non-fibrous (other)	18.1% Chrysotile

Analyst(s)

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Report Date: 12/4/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
2-15a (TILE) *090809316-0025*	Tan 12" x 12" VFT	Various Fibrous Homogeneous	43.2	28.4 Non-fibrous (other)	28.4% Chrysotile
2-16a (covebase) *090809316-0026*	Brown 4" covebase	Various Fibrous Homogeneous	29.4	70.6 Non-fibrous (other)	No Asbestos Detected
2-17a *090809316-0027*	Wood panel mastic	Various Fibrous Homogeneous	65.4	34.6 Non-fibrous (other)	No Asbestos Detected
2-18a (mastic) *090809316-0028*	Black mastic for red 9" x 9" VFT	Various Fibrous Homogeneous	84.4	15.2 Non-fibrous (other)	0.5% Chrysotile
2-20a *090809316-0029*	MRR	Various Fibrous Homogeneous	98.0	2.0 Non-fibrous (other)	No Asbestos Detected
4-4a (TILE) *090809316-0030*	Gray 12" x 12" VFT	Various Fibrous Homogeneous	89.5	10.5 Non-fibrous (other)	No Asbestos Detected
4-4a (MASTIC) *090809316-0031*	Yellow mastic for gray 12" x 12" VFT	Various Fibrous Homogeneous	76.7	23.3 Non-fibrous (other)	No Asbestos Detected
4-6a (covebase) *090809316-0032*	Gray 4" covebase	Various Fibrous Homogeneous	22.5	77.5 Non-fibrous (other)	No Asbestos Detected

Analyst(s)

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Report Date: 12/4/2008

Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
4-6a (mastic) *090809316-0033*	Mastic for gray 4" covebase	Various Fibrous Homogeneous	72.9	21.7 Fibrous (other) 5.4 Non-fibrous (other)	No Asbestos Detected
17-4a *090809316-0034*	Carpet adhesive	Various Fibrous Homogeneous	50.5	4.9 Fibrous (other) 44.5 Non-fibrous (other)	No Asbestos Detected
17-8a *090809316-0035*	Rolled comp; felt paper	Various Fibrous Homogeneous	86.3	13.6 Non-fibrous (other)	<0.25% Chrysotile
18-2a (A) *090809316-0036*	White 12" X 12" VFT	Various Fibrous Homogeneous	79.4	20.6 Non-fibrous (other)	No Asbestos Detected
18-2a (B) *090809316-0037*	Clear mastic for white 12" x 12" VFT	Various Fibrous Homogeneous	98.3	1.7 Non-fibrous (other)	<0.25% Chrysotile
18-3a (A) *090809316-0038*	Brown 4" covebase	Various Fibrous Homogeneous	86.7	13.2 Non-fibrous (other)	<0.25% Chrysotile
18-3a (B) *090809316-0039*	Brown mastic for brown 4" covebase	Various Fibrous Homogeneous	88.8	11.1 Non-fibrous (other)	<0.25% Chrysotile
9-2a *090809316-0040*	SFM; paper backing	Various Fibrous Homogeneous	84.3	<0.1 Fibrous (other) 15.4 Non-fibrous (other)	<0.25% Chrysotile

Analyst(s)

Kenneth Dunbar (21) *Nonette Patron (3)*
Kelly Favero (12)

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or other approved signatory

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Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc.
Suite 230
2235 Polvorosa Ave
San Leandro,
CA 94577
Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Company:	LFR	*Bill To:*	LFR
Address1:	4190 Douglas Blvd., Suite 200	*Address1:*	4190 Douglas Blvd., Suite 200
Address2:		*Address2:*	
City, State:	Granite Bay, CA	*City, State:*	Granite Bay, CA
Zip/Post Code:	95746	*Zip/Post Code:*	95746
Country:		*Country:*	
Contact Name:	Sal Mendoza	*Attn:*	Sal Mendoza
Phone:	916.786.0320	*Phone:*	916.786.0320
Fax:	916.786.0366	*Fax:*	916.786.0366
Email:	sal.mendoza@lfr.com	*Email:*	sal.mendoza@lfr.com
EMSL Rep:	C. Nardozzi	*P.O. Number:*	
Project Name/Number:	5441 INTERNATIONAL		

MATRIX			TURNAROUND			
☐ Air	☐ Soil	☐ Micro-Vac	☐ 3 Hours	☐ 6 Hours	☐ Same Day or 12 Hours*	☐ 24 Hours (1 day)
☒ Bulk	☐ Drinking Water		☐ 48 Hours (2 days)	☒ 72 Hours (3 days)	☐ 96 Hours (4 days)	☐ 120 Hours (5 days)
☐ Wipe	☐ Wastewater		☐ 144+ hours (6-10 days)			

TEM AIR, 3 hours, 6 hours, Please call ahead to schedule. There is a premium charge for 3-hour tat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.

*12 hours (must arrive by 11:00a.m. Mon -Fri.), Please Refer to Price Quote

(*) = STOP - PRIOR POSITIVE

(H) = HOLD

GYPSUM ON: 10/29/08

PCM - Air	TEM Air	TEM WATER
☐ NIOSH 7400(A) Issue 2: August 1994	☐ AHERA 40 CFR, Part 763 Subpart E	☐ EPA 100.1
☐ OSHA w/TWA	☐ NIOSH 7402	☐ EPA 100.2
☐ Other:	☐ EPA Level II	☐ NYS 198.2
PLM - Bulk	**TEM BULK**	**TEM Microvac/Wipe**
☒ EPA 600/R-93/116	☐ Drop Mount (Qualitative)	☐ ASTM D 5755-95 (quantative method)
☐ EPA Point Count	☐ Chatfield SOP - 1988-02	☐ Wipe Qualitative
☐ NY Stratified Point Count	☐ TEM NOB (Gravimetric) NYS 198.4	
☐ PLM NOB (Gravimetric) NYS 198.1	☐ EMSL Standard Addition:	**XRD**
☐ NIOSH 9002:		☐ Asbestos
☐ EMSL Standard Addition:	**PLM Soil**	☐ Silica NIOSH 7500
SEM Air or Bulk	☐ EPA Protocol Qualitative	
☐ Qualitative	☐ EPA Protocol Quantitative	**OTHER**
☐ Quantitative	☐ EMSL MSD 9000 Method fibers/gram	☐

Chain of Custody

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1 OF 4

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Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample #(s) _____ - _____ Total Samples #: ≈51

Relinquished: Sal Mendoza Date: 10/29/08 Time: 0801

Received: MARK ROBERTS Date: 10/29/08 Time: 0814

Relinquished: MARK ROBERTS Date: 10/29/08 Time: 0922

Received: [illegible] Date: 10/29/08 Time: 9:03

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
18-1a	Das / JC	
1b	↓ ↓	
1c	↓ ↓	
2a	WHITE 12"x12" VINYL FLOOR TILE/MASTIC	
(*) 2b	↓ ↓	
2c	↓ ↓	
3a	LIGHT BROWN 4" BASECOVE / BROWN MASTIC	
(*) 3b	↓ ↓	
3c	↓ ↓	
4a	WHITE INSULATION BLANKET (HVAC)	
5a	WHITE HVAC TAPE	
20-1a	BLACK FOOT HOOD GASKET MATERIAL	
(*) 1b	↓	
1c	↓	

Chain of Custody

Asbestos Lab Services

2 of 4

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Client Sample # (s): _____ - _____ Total Samples #: 45

Relinquished: [illegible] Date: 10/29/08 Time: 0814

Received: MARK ROBERTS Date: 10/29/08 Time: 0814

Relinquished: MARK ROBERTS Date: 10/29/08 Time: 0922

Received: [illegible] Date: 10/29/08 Time: 9:23

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
2a-2a	GRAY CMU BLOCK WALL / GRAY GROUT	
(*) 2b		
2c		
FH-1a	GRAY CEMENTITIOUS WALL-ROOF BOARD	
(*) 1b		
1c		
2a	WHITE WINDOW GLAZING	
3a	GRAY EXTERIOR WALL CAULK	
8-1a	GRAY CMU BLOCK WALL / GRAY GROUT	
(*) 1b		
1c		
2a	WHITE RESIDUE DUST	
2b		
2c		

Chain of Custody

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3 of 4

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Client Sample #(s) _____ - _____ Total Samples #: 151

Relinquished: [illegible] Date: 10/29/08 Time: 0814

Received: MARK ROBERTS Date: 10/29/08 Time: 0814

Relinquished: MARK ROBERTS Date: 10/29/08 Time: 0922

Received: [illegible] Date: 10/29/08 Time: 9:23

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
8-3a	WHITE PIPE RUN INSULATION	
21-1a	GRAY SECONDARY CONTAINMENT CONCRETE	
1b	↓	
1c	↓	
2a	GRAY SPRAY APPLIED CEMENT	
2b	↓	
2c	↓	
3a	GRAY CMU BLOCK WALL / GRAY GROUT	
3b	↓	
3c	↓	
4a	GREEN MOISTURE BARRIER / GRAY CONCRETE	
4b	↓	
4c	↓	
5a	BLACK FELT LIKE GASKET MATERIAL	

Chain of Custody

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4 of 4

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Please print all information legibly.

Client Sample # (s) _____ - _____ Total Samples #: 51

Relinquished: [illegible] Date: 10/29/08 Time: [illegible]

Received: MARK ROBERTS Date: 10/29/08 Time: 0814

Relinquished: MARK ROBERTS Date: 10/29/08 Time: 0922

Received: [illegible] Date: 10/29/08 Time: 9:23 D/O

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
21-5b	BLACK BOLT HEAD GASKET MATERIAL	
5c		
M-1a	BLACK PATCH / BLACK ASPHALT MATERIAL	
M-2a	GRAY SECONDARY CONTAINMENT CONCRETE	
2b		
2c		
3a	GRAY SECONDARY CONTAINMENT CONCRETE	
3b		
3c		

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Please print all information legibly.

Company:	LFR	*Bill To:*	LFR
Address1:	4190 Douglas Blvd., Suite 200	*Address1:*	4190 Douglas Blvd., Suite 200
Address2:		*Address2:*	
City, State:	Granite Bay, CA	*City, State:*	Granite Bay, CA
Zip/Post Code:	95746	*Zip/Post Code:*	95746
Country:		*Country:*	
Contact Name:	Sal Mendoza	*Attn:*	Sal Mendoza
Phone:	916.786.0320	*Phone:*	916.786.0320
Fax:	916.786.0366	*Fax:*	916.786.0366
Email:	sal.mendoza@lfr.com	*Email:*	sal.mendoza@lfr.com
EMSL Rep:	C. Nardozzi	*P.O. Number:*	
Project Name/Number:	5441 INTERNATIONAL		

MATRIX			TURNAROUND			
☐ Air	☐ Soil	☐ Micro-Vac	☐ 3 Hours	☐ 6 Hours	☐ Same Day or 12 Hours*	☐ 24 Hours (1 day)
☒ Bulk	☐ Drinking Water		☐ 48 Hours (2 days)	☒ 72 Hours (3 days)	☐ 96 Hours (4 days)	☐ 120 Hours (5 days)
☐ Wipe	☐ Wastewater		☐ 144+ hours (6-10 days)			

TEM AIR, 3 hours, 6 hours, Please call ahead to schedule. There is a premium charge for 3-hour tat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.

*12 hours (must arrive by 11:00a.m. Mon -Fri.), Please Refer to Price Quote

(H) - Please Positive STOP

CORRECTED ON 10/30/08

(H) = Lab USE

PCM - Air
- ☐ NIOSH 7400(A) Issue 2: August 1994
- ☐ OSHA w/TWA
- ☐ Other:

PLM - Bulk
- ☒ EPA 600/R-93/116
- ☐ EPA Point Count
- ☐ NY Stratified Point Count
- ☐ PLM NOB (Gravimetric) NYS 198.1
- ☐ NIOSH 9002:
- ☐ EMSL Standard Addition:

SEM Air or Bulk
- ☐ Qualitative
- ☐ Quantitative

TEM Air
- ☐ AHERA 40 CFR, Part 763 Subpart E
- ☐ NIOSH 7402
- ☐ EPA Level II

TEM BULK
- ☐ Drop Mount (Qualitative)
- ☐ Chatfield SOP - 1988-02
- ☐ TEM NOB (Gravimetric) NYS 198.4
- ☐ EMSL Standard Addition:

PLM Soil
- ☐ EPA Protocol Qualitative
- ☐ EPA Protocol Quantitative
- ☐ EMSL MSD 9000 Method fibers/gram

TEM WATER
- ☐ EPA 100.1
- ☐ EPA 100.2
- ☐ NYS 198.2

TEM Microvac/Wipe
- ☐ ASTM D 5755-95 (quantative method)
- ☐ Wipe Qualitative

XRD
- ☐ Asbestos
- ☐ Silica NIOSH 7500

OTHER
- ☐

Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc.
Suite 230
2235 Polvorosa Ave
San Leandro,
CA 94577
Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample # (s)_____ - _____ Total Samples #:_____

Relinquished: Jal Nerebye Date: 10/31/08 Time:_____

Received: _____ Date:_____ Time:_____

Relinquished:_____ Date:_____ Time:_____

Received: _____ Date:_____ Time:_____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
1-1a	GRAY CONCRETE FOUNDATION	
1b	↓	
1c	↓	
2a	GRAY WINDOW SILL CEMENT	
2b	↓	
2c	↓	
M-1c	BLACK ASPHALT / BLACK PATCH	
5a	GRAY CEMENT PIPE	
1-3a	RED BRICK / GRAY BRICK GROUT	
3b	↓	
3c	↓	
4a	GRAY CMU / LT GRAY GROUT	
5a	GRAY CEMENT WALK PATCH	
6a	BLACK BUTT GASKET MATERIAL	

Chain of Custody

Asbestos Lab Services

2 OF 5

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Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample # (s) _____ - _____ Total Samples #: _____

Relinquished: Sal Mendoza Date: 10/31/08 Time: _____

Received: _____ Date: _____ Time: _____

Relinquished: _____ Date: _____ Time: _____

Received: _____ Date: _____ Time: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
1-7a	GRAY CEMENT / LT GRAY CONCRETE	
8a	BLK MOISTURE BARRIER PAPER	
9a	GRAY FOUNDATION CONCRETE	
9b	↓	
9c	↓	
10a	GRAY CMN / LT GRAY GROUT	
11a	GRAY COMP. SHINGLE / BLACK MEM	DK GRAY COMP. SHINGLE / BLK MEM
11b	↓ ↓	↓ ↓
11c	↓ ↓	↓ ↓ BLK MASTIC
12a	BLACK VIBRATION DAMPER	
13a	WHT 12"X12" VFT / BLACK MASTIC	
13b	↓ ↓	
13c	↓ ↓	
14a	LT BROWN 12"X12" VFT / BLACK MASTIC	

Chain of Custody

Asbestos Lab Services

3 OF 5

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San Leandro,
CA 94577
Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample # (s) _____ - _____ Total Samples #: _____

Relinquished: [illegible] Date: 10/31/08 Time: _____

Received: _____ Date: _____ Time: _____

Relinquished: _____ Date: _____ Time: _____

Received: _____ Date: _____ Time: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
1-14b	LT BRN 12"x12" VFT/BLK MASTIC	
14c	↓ ↓	
15a	BROWN 9"x9" VFT/BLACK MASTIC	
16a	PAINTED TEXTURE	
16b		
16c		
16d		
16e	↓	
17a	LT BRN 4" B.C./WHT MASTIC	
17b	↓ ↓	
18a	DK BROWN 4" B.C./YELLOW MASTIC	
18b	↓ ↓	
19a	BLK 4" B.C./YELLOW MASTIC	
19b	↓ ↓	
19c	↓ BROWN MASTIC	

Chain of Custody

Asbestos Lab Services

4 of 5

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2235 Polvorosa Ave
San Leandro,
CA 94577
Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample # (s) _____ - _____ Total Samples #: _____

Relinquished: Jol Mendoza Date: 10/31/08 Time: _____

Received: _____ Date: _____ Time: _____

Relinquished: _____ Date: _____ Time: _____

Received: _____ Date: _____ Time: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
1-20a	DW / JC	
20b		
20c		
20d		
20e		
21a	GRAY WINDOW GLAZING	
22a	DRYWALL (NEAR HEAT REG)	
23a	BRN STAIR TREAD / BRN MASTIC	
24a	GREEN 9"x9" VFT / BLK MASTIC (BENEATH CARPET)	
24b		
24c		
25a	GRAY WHT PLASTER MATERIAL	
26a	GRAY 12"x12" VFT / ORANGE MASTIC / GREEN 9"x9" VFT / BLACK MASTIC	
26b		
26c		

Chain of Custody

Asbestos Lab Services

5 OF 15

EMSL Analytical, Inc.
Suite 230
2235 Polvorosa Ave
San Leandro,
CA 94577
Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample # (s) _____ - _____ Total Samples #: _____

Relinquished: Joel Mendez Date: 10/31/08 Time: _____

Received: _____ Date: _____ Time: _____

Relinquished: _____ Date: _____ Time: _____

Received: _____ Date: _____ Time: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
1-27a	PAINTED TEXTURE	
27b	↓	
27c	↓	
28a	DW / 5C	
28b	↓	
28c	↓	
29a	GRAY 4" BC / ORANGE MASTIC	
30a	WHITE 2'x4' CP	
31a	LT GRAY CMU / GRAY GROUT	
32a	WHITE 12"x12" VAT / BLACK MASTIC	
33a	BROWN 6" BC / BROWN MASTIC	
2-21a	LT GRAY WARM SAND CEMENT	
21b	↓	
21c	↓	

APPENDIX F

SUMMARY REPORT: PHASE 2 HAZARDOUS MATERIALS SURVEY

SUMMARY REPORT: PHASE 2 HAZARDOUS MATERIALS SURVEY
CONFIDENTIAL SITE
OAKLAND, CALIFORNIA

PREPARED FOR:

GEOSYNTEC CONSULTANTS
10875 RANCHO BERNARDO ROAD, SUITE 200
SAN DIEGO, CA 92127

PREPARED BY:

SCA

ENVIRONMENTAL, INC.

334 19TH STREET
OAKLAND, CA 94612
TEL: (510) 645-6200
eFAX: (415) 962-0736

SCA PROJECT NO.: K-9866

JUNE 7, 2010
REVISED: JUNE 8, 2010
2ND REVISION: JUNE 17, 2010

SUMMARY REPORT
PHASE 2 HAZARDOUS MATERIALS SURVEY
CONFIDENTIAL SITE
OAKLAND, CALIFORNIA

CONDUCTED FOR

GEOSYNTEC CONSULTANTS
10875 RANCHO BERNARDO ROAD, SUITE 200
SAN DIEGO, CA 92127

JUNE 7, 2010
REVISED: JUNE 8, 2010
2ND REVISION: JUNE 17, 2010

SCA PROJECT NO. K-9866

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A. Representative Lead-Based Paint XRF Sampling Results
B. Representative Lead-Based Paint XRF Sampling Locations
C. Summary of Core and Wipe Sampling Results
D. Core and Wipe Sampling Locations
E. McCampbell Analytical Inc.'s Lab Reports

List of Common Acronyms and Abbreviations

BK	= black paints
BL	= blue paints
BR	= brown paints
Cal/OSHA	= the California Division of Industrial Safety and Health
Cal/EPA	= the California Environmental Protection Agency
CCR	= California Code of Regulations
CDPH	= the California Department of Public Health
CERCLA	= Comprehensive Environmental Response, Compensation, and Liability Act
CFR	= Code of Federal Regulations
CHMM	= Certified Hazardous Materials Manager
CIH	= Certified Industrial Hygienist
CPSC	= Consumer Product Safety Commission
CR	= cream-colored paints
EPA	= the U.S. Environmental Protection Agency
EPRI	= Electric Power Research Institute
FIFRA	= Federal Insecticide, Fungicide, and Rodenticide Act
ft^2	= square feet
GR	= green paints
GY	= gray paints
HUD	= the U.S. Department of Housing and Urban Development
LBP	= Lead-Based Paints
LF	= linear feet
$\mu g/cm^2$	= micrograms per centimeter squared
µg/g	= microgram per gram or equivalent to parts per million
$\mu g/m^3$	= micrograms per cubic meter
µm	= microns
mg/cm^2	= milligrams per squared centimeter
mg/kg	= milligrams per kilogram
MR	= maroon paints
OL	= olive paints
OR	= orange paints
OSHA	= the federal Occupational Safety and Health Administration
OW	= off white paints
PCB	= Polychlorinated Biphenyl
PEL	= Permissible Exposure Level
Penta	= Pentachlorophenol
PK	= pink paints
ppm	= parts per million
QA/QC	= Quality Assurance/Quality Control
RCRA	= Resource Conservation Recovery Act
RCW	= Regulated Controlled Waste
RD	= red paints
REA	= Registered Environmental Assessor
RWQCB	= the Regional Water Quality Control Board
SF	= square feet
TN	= tan paints
WAC	= Washington Administrative Code
WH	= white paints
YW	= yellow paints

1.0 Executive Summary

SCA Environmental, Inc. (SCA) conducted a Phase 2 hazardous materials survey for lead-based paints, polychlorinated biphenyls (PCB), volatile organic compounds (VOCs), semi-volatile organic compounds, (SVOCs), CAM-17 metals and associated environmental hazards at a Confidential Site in Oakland, CA (hereafter referred to as "the Buildings") on May 17, 2010 - May 27, 2010.

Sampling by SCA in May 2010 found the following results over the project standards as defined herein:

Building.	Sample Locations	Materials	Contaminant(s)	Concentrations
1	All	Interior Perimeter Brick Walls Surface Paints	PCBs	<50 ppm
	009 & 011	Interior Structural Steel and Crane Paints	PCB	72 to 130 ppm
	018, 024, 026, 030, 034, 044, 046, 048, 049 & 052	Interior Concrete Floors	PCB	52 to 1,600 ppm
	001-EXT	Exterior Masonry Wall Paints	Cadmium, Chromium, Lead & Zinc	Greater than TTLC and/or STLC
	004	Interior Masonry Wall Paints	Lead & Zinc	Greater than TTLC and/or STLC
	010 & 011	Interior Structural Steel Column Paints	Lead & Zinc	Greater than TTLC and/or STLC
	016 & 032	Interior Concrete Floor	Various VOCs & SVOCs	Varies
2	All	Interior Perimeter Brick Walls Surface Paints	PCBs	<50 ppm
	006	Interior Structural Steel and Crane Paints	PCB	64 ppm
	All	Interior Concrete Floors	PCB	<50 ppm
	004	Interior Structural Steel Column Paints	Chromium, Lead & Zinc	Greater than TTLC and/or STLC
	008 & 010	Interior Masonry Wall Paints	Chromium, Lead, Mercury & Zinc	Greater than TTLC and/or STLC
17	Throughout	Structural Timbers	Various VOCs & SVOCs	Varies
18	All	Interior Concrete Floor	PCB	<50 ppm
20	All	Interior Structural Steel Paints	PCB	<50 ppm
Tank	Throughout	Exterior Paints	Chromium & Lead	Greater than TTLC and/or STLC
Through-out	Throughout	Interior & Exterior Loose & Peeling Paints	LBPs & LCPs	>600 ppm

Note that many of the substrates have PCB concentrations greater than 1.0 ppm but less than 50 ppm making them unsuitable for recycling, particularly in Buildings 1 and 2 (see Summary Tables).

2.0 Introduction

This report summarizes the results of the pre-demolition Phase 2 hazardous materials survey conducted at a Confidential Site in Oakland, CA (hereafter referred to as "the Buildings") on May 17, 2010 - May 27, 2010. The purpose of the survey was to determine the presence of regulated and/or potentially hazardous building materials in the buildings, which is slated for demolition. Materials addressed in the survey include:

- Lead-based paints (LBP);
- Polychlorinated biphenyls (PCB) in paints, brick, concrete masonry units (CMU) and surface contamination;
- Volatile Organic Compounds in treated timbers and stained concrete substrates;
- Semi-Volatile Organic Compounds (SVOCs) in treated timbers and stained concrete;
- CAM-17 metals in various paints; and
- Other environmental hazards as noted.

Individuals involved in the survey, and their technical certifications, include:

SCA Staff	Role	Certifications
Glenn R. Cass, PE, CIH, CAC	Senior Consultant	• Certified Asbestos Consultant (CAC #92-0092); • Certified Industrial Hygienist (CIH #A4847); • California Dept. of Public Health Certified Lead Inspector/Assessor, Project Designer & Project Monitor (DHS #I/D/M-717); • Professional (Mechanical) Engineer (PE #M18976), since 1978; • OSHA 40-hr. HAZWOPER Training per 29 CFR 191.120; • Registered Environmental Assessor (REA-06164); and • Radiation Safety Specialist (Scitec & Niton XRF's).
Jerry Cook, CAC	Sr. Project Manager	• Cal/OSHA Certified Asbestos Consultant (CAC #01-2925). • California Dept. of Public Health Certified Lead Inspector/Assessor (DHS #I-9083). • OSHA 40-hr HAZWOPER Training per 29 CFR 1910.120(e).

The contract laboratory that provided analytical services for the project was:

Laboratory	Analysis Type	Accreditation
McCampbell Analytical, Inc.	PCBs, VOCs, SVOCs, & CAM-17 Metals	• California Environmental Laboratory Accreditation Program (ELAP #1644).

Building 1 consists of a long industrial building with brick perimeter walls, concrete floor and wooden roof decking. A small portion of the building is 2 stories for former offices and administrative functions. All interior masonry walls are painted; however, only about 25% of the exterior masonry is painted. Windows occur throughout most facades with several outboard additions added to the building over time. Structural steel supports run at about 20-ft. centers with several overhead cranes. The concrete slab includes on sunken area, a walled sump and several gravel-filled pits.

Building 2 consists of a large 1-story industrial building with masonry perimeter walls, steel casement windows, concrete floors and wooden roof decking. Several interior partitions occur at former office and storage areas. Structural steel supports run at about 20-ft. centers with several overhead cranes.

Building 8 was formerly used for sandblasting and consists of concrete floors and concrete masonry unit (CMU) walls. The building is presently subdivided into 2 rooms.

Building 17 is an open-sided, metal panel building with wooden timber supports and a concrete floor throughout.

Building 18 consists of a concrete floor with corrugated metal walls and steel framing. This building is currently used to store metal shelving and racks.

Building 20 is a metal paneled building with a concrete slab.

Other site features include a water tank, bollard, fire hydrants and railings within the yard. These features are typically painted.

3.0 Methodology

Sampling methodologies, sampling frequencies, sampling locations, analytical parameters, and sample handling procedures were established by Geosyntec Consultants in their report *"Phase II Building Material Characterization Sampling Plan, GE Facility, Oakland, CA,"* Geosyntec Consultants Project No. WR1336, dated May 2010. Sampling locations and constituents were confirmed in the field by Geosyntec's on-site technician.

Prior to mobilizing on-site SCA's Field Technicians reviewed the Sampling Plan and Geosyntec's Health & Safety Plan to determine potential hazards to be encountered.

Following collection, except for in-situ lead-based paint readings, sample jars were labeled, sealed in plastic bags, stored on ice, and transported to the laboratory in a cooler.

A Chain-of-Custody form was used to record possession of the samples from the time of collection to arrival at the laboratory. The samples were released to the laboratory by signature on the chain-of-custody form. The laboratory control officer verified all samples listed were present, verified sample integrity and assured that proper preservation procedures were utilized.

Sample labeling and identification followed prior protocols established by Arcadis during the Phase 1 investigations. The table below indicates the typical notations used:

Building No.	**Sample Matrix**	**Sample Type**	**Location No.**	**Suffix Designation**	**Date**
B1 = Building 1 B2 = Building 2 B8 = Building 8 B17 = Building 17 B20 = Building 20 B21 – Building 21 TK = Tank YD = Yard	BD = Bulk Debris CF = Concrete Floor CW = CMU Wall EQ = Equipment MW = Metal Wall SMP = Sump SS = Structural Support WS = Wood Support	CHWP – Core hazardous waste characterization and PCB CP = Core PCB PP = PCB Paint WP = Wipe PCB	001, 002, 003, etc.	PRE = Pre-Decontamination Wipe POST = Post-Decontamination Wipe EX = Exterior	Year/Month/Day, e.g. 20100518 thru 20100527

For example, a concrete core sample collected from the floor of Building 1 for PCB analyses on May 25, 2010 read "B1-CF-CP-013-20100525."

3.1 Lead-Based Paints (LBPs)

Samples were analyzed of representative building finishes using a Niton XL-700 X-Ray Fluorescence (XRF) spectrum analyzer. The XRF analyzer can measure lead contents of several layers of paint without disturbing the surfaces, thus giving immediate feedback on lead contents of paint without destructive testing. The XRF is sensitive to 0.1 milligrams per square centimeter (mg/cm^2) of lead, or well below HUD guideline levels of 1.0 mg/cm^2 of lead in paints.

XRF analysis data are reported as L-shell values. The L-shell value is the lower energy fluorescence showing the level of the surface layer that is readily disturbed and potentially made airborne, thereby posing a potential construction health hazard.

Please note that although LBP were defined against the HUD standard, Cal/OSHA's Construction Lead Standard, 8 CCR 1532.1, applies to all paints with any measured lead content, requiring demolition dust control measures to reduce airborne and ingestion lead dust hazards.

3.2 Polychlorinated Biphenyls (PCBs)

PCB sampling included a mix of wipe, paint, brick, concrete, concrete masonry unit and surface contaminant sampling.

Prior to sampling of paints, tested substrates were analyzed by the XRF for lead content and then decontaminated using a 3-bucket wash process, including a preliminary or first wash with distilled water, a second wash using Alconox detergent and distilled water, and a final rinse with distilled water. Gloves were worn at all times during sample collection and were changed between sample collections to prevent cross-contamination of tools, sampling vials, etc.

Pre- and post-wipe samples were collected from various painted substrates to determine surface concentrations before and after paint sampling, as noted. Wipe samples were collected using sterilized gauze pads moistened with hexane. Samples were collected from a 10-centimeter by 10-centimeter area by rubbing the gauze in both a horizontal and vertical direction across the grid, then placing the gauze within a 4-ounce sampling glass vial.

Masonry samples were collected by decontaminating the surface paints, where applicable, after collecting surface wipe samples, where indicated. Masonry samples were then collected by removing surface paints using a scraper in advance of chipping the surface layers of brick with a masonry hammer.

Concrete floor cores were sampled at 2 to 3-inches depth to determine embedded concrete conditions.

Samples were analyzed for total PCBs per EPA Method 8082 by McCampbell Analytical, Inc.'s ELAP-accredited laboratory.

Quality control analyses were completed daily on the rinsate from the sampling tools to confirm proper decontamination procedures and efficiency.

3.3 Volatile Organic Compounds (VOCs)

Bulk timber samples were collected for VOC analyses using a hand-driven drill to collect surface cores. Extracted materials were stored in clean jars with Teflon-coated lids for analyses by McCampbell Analytical Inc.'s ELAP-accredit laboratory by EPA Analytical Method SW8260B.

Stained areas of concrete were cored with the surface top inch disposed of and only the underlying 2-inches of depth forwarded to McCampbell Analytical Inc. for analyses. Concrete floor cores were sampled at 2 to 3-inches depth to determine embedded concrete conditions.

3.4 Semi-Volatile Organic Compounds (SVOCs)

Bulk timber samples were collected for SVOC analyses using a hand-driven drill to collect surface cores. Extracted materials were stored in clean jars with Teflon-coated lids for analyses by McCampbell Analytical Inc.'s ELAP-accredit laboratory by EPA Analytical Method SW8270C.

Stained areas of concrete were cored with the surface top inch disposed of and only the underlying 2-inches of depth forwarded to McCampbell Analytical Inc. for analyses. Concrete floor cores were sampled at 2 to 3-inches depth to determine embedded concrete conditions.

3.5 CAM-17 Metals

Paint chip samples were collected from various painted substrates as well as miscellaneous substrate sampling for analyses of metal contaminants. Analyses were completed to determine the total threshold limit concentration of the CAM-17 metals. Toxicity Characteristic Leaching Procedures (TCLP) and Soluble Threshold Limit Concentrations were run for all samples with specific TTLC metal concentrations 10 times the Title 22 STLC limits.

CAM-17 analyses were performed by McCampbell Analytical, Inc using EPA Method 6010B.

4.0 Applicable Standards

4.1 Lead-Based Paints (LBPs)

Since elemental lead is a suspect carcinogen and known teratogen and neurotoxic in high doses, lead-containing materials need to be identified prior to the on-set of demolition activities. Using combinations of engineering controls and personal protective equipment, lead-containing materials can be remediated safely. Several sources of applicable standards are listed as follows:

1. Occupational Exposure: Lead exposures in the workplace are regulated by Cal/OSHA, which has certain regulatory requirements for identifying and controlling potential lead exposures. Currently applicable regulations for the construction industry have been adopted by Cal/OSHA (8 CCR 1532.1) from the Federal OSHA regulations. The current OSHA 8-hour Permissible Exposure Level (PEL) for lead is 50 $\mu g/m^3$.

2. Lead Waste: The regulatory standards regarding lead waste disposal are confusing at best, inconsistent, and continually fluctuating, to varying degrees. No consistent pattern exists regarding whether the trend is for a more or less conservative standard. A myriad of recommended and regulatory standards exist characterizing land use planning objectives and hazardous waste disposal requirements.

   In California, effective from January 1, 1999 to July 1, 2006, loose and peeling LBP or other wastes require characterization and testing for leachability, following the standards noted below:

   a. If the Total Threshold Level Concentration (TTLC) is <50 ppm, it is considered non-RCRA, non-hazardous waste since it is impossible to exceed the WET test limit of 5 mg/l using the 10 to 1 ratio.
   b. If the TTLC is <350 ppm and the WET test is <5 mg/l then the waste has low leachability and is classified non-RCRA non-hazardous waste.
   c. If the TTLC is >350 ppm and the WET test is <5 mg/l then it again has low leachability and is classified as non-RCRA, non-hazardous waste.
   d. If the TTLC is >350 ppm and the WET test results are >5 mg/l, then the TCLP must be run. Then if the TCLP is >5 mg/l the waste must be stabilized and if <5-mg/l stabilization is not required. Whether stabilized or not, both conditions are classified as RCRA hazardous waste.

   The 350 ppm limit under Health & Safety Code §25157.8 sunset on July 1, 2006 and reverted to the previous 1,000 ppm TTLC limit identified under Title 22 §66261.34. Nevertheless, SCA recommends maintaining the 350 ppm standard for waste characterization purposes as the likelihood of this level being reestablished is high.

   Please note that in the above scenario, loose and peeling paints are treated as a separate waste stream; whereas, intact paints may be combined for disposal purposes and classified as 'architectural waste.' This has allowed for disposal of painted concrete in a Class 3 landfill for many years without limitations. In essence, the total weight of the paint versus the weight of a concrete substrate for intact paints is negligible. One must keep in mind that because of the heterogeneity of typical waste streams, some subsamples or components of that waste steam may exceed hazardous waste thresholds if subsamples or components are small enough. To account for this heterogeneity, waste classification decisions are normally made by DTSC for the 'average' properties of an identified waste stream.

   The EPA in 1998 passed a rule which suspended temporarily the applicability of the Resource Conservation and Recovery Act (RCRA) Toxicity Characteristic (TC) Rule (40 CFR 261.24) to debris generated during lead-based paint (LBP) abatement projects conducted at target housing; deleading projects conducted at public or commercial buildings; and renovation or remodeling and demolition activities at target housing, public buildings, or commercial buildings. Instead of

being subject to the TC Rule, LBP debris resulting from the above-mentioned activities would be subject to the management and disposal standards being proposed today under Title IV of the Toxic Substances Control Act (TSCA). The EPA proposed this temporary suspension of the TC rule in accordance with RCRA sections 1006(b)(1) and 2002 to avoid duplication and inconsistent regulation of LBP debris and to allow the Agency sufficient time to assess whether any RCRA requirements, in addition to TSCA Title IV requirements, are necessary to assure proper management and disposal of such debris.

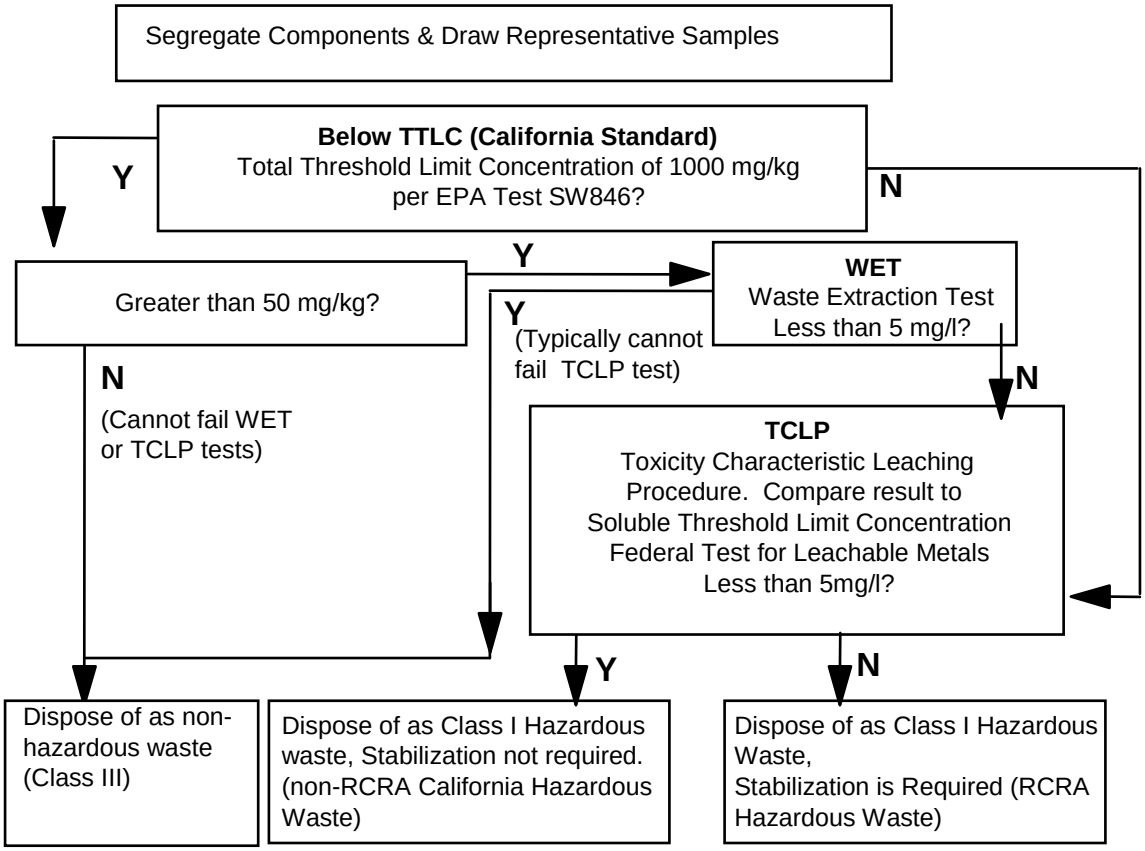
In 1998, the California Department of Toxic Substance Control (DTSC) also reclassified lead construction debris waste from RCRA to TSCA. At that time DTSC retracted their earlier statement allowing for disposal of 'architectural waste' in Class 3 landfills, but they failed to fully clarify the disposal requirements since the sunset of Health and Safety Code §25157.8 on July 1, 2006, as mentioned above. While a number of generators, including Fort Ord, have run pilot programs to quantify the impacts of crushing and reuse of painted concrete on-site, DTSC has failed to fully analyze these data and fully clarify its earlier ruling.

Dilution of RCRA hazardous waste for this purpose is specifically disallowed under 40 CFR Part 261. In the case of recycling of 'architectural waste' from Fort Ord, CA, the DTSC stated that the waste stream was not being diluted, since no materials were being added to the waste stream. DTSC further went on to encourage recycling and reuse of waste materials as much as possible. The Fort Ord operations did, however, occur on federal lands and to that extent they were not necessarily bound to state regulations.

While DTSC encourages the recycling of painted substrates, where feasible, many local concrete recycler are now hesitant to accept any painted substrates. Waste disposal in such cases must assess the economic impacts of substrate stripping for recycling versus the disposal as of painted substrates within an approved landfill. Local ordinance requirement for waste recycling may have bearing on the ultimate determination of the handling and disposal of intact painted substrate.

For disposal purposes, the following characterizations standards apply:

Characterization of Lead Waste



Test		Standard
SW84	California test for total lead concentration	Total Threshold Limit Concentration (TTLC) 1000 mg/kg
WET	Waste Extraction Test - CALIF test for leachable lead	Soluble Threshold Limit Concentration (STLC): 5 mg/l
TCLP	Toxicity Characteristic Leaching Procedure. Federal test for leachability of lead	Soluble Threshold Limit Concentration (STLC): 5 mg/l

Disposal Options:
Class I – Hazardous:
Non-RCRA (California Hazardous) if total lead >1,000 mg/kg or WET >5mg/l & TCLP <5 mg/l
RCRA if TCLP > 5 mg/l (requires stabilization)
Class II – non-Hazardous w/ WET between 1.5 & 5 mg/l
Class III – non-Hazardous, including Intact Painted Architectural Components, or Non-Designated Waste w/STLC <1.5 mg/l

Characterization of Lead Waste

3. Definitions & Notifications: The major definitions of LBP or lead-coated surfaces are listed as follows:

   a. HUD defines LBP as paint that contains either $\geq$0.5% by weight of lead, or $\geq$1 mg/cm^2.

   b. Consumer Product Safety Commission (CPSC) prohibits the manufacturing of paint that contains more than 600 ppm (0.06%) of lead.

   Given the myriad of confusing definitions and regulations, this report uses the HUD's definition for the purpose of identifications, but compliance to Cal/OSHA's Construction Lead Standard is required for all paints with any measurable lead content.

4. California Proposition 65: Lead is on the "Proposition 65" list, given its toxic potential in causing reproductive hazards.

5. Worker Certification: The California Department of Public Health (CDPH) requires the use of Certified Lead Workers and Supervisors for lead abatement projects at public buildings with a greater than 20 years expected life or whenever work is completed specifically to abate lead-based paints as defined by HUD. The CDPH certification requirements do not apply to industrial sites; however, dust controls and personnel protection are still required under 17 CCR Section 35001 through 36100.

6. New Renovation, Repair and Painting Rules finalized by the U.S. Environmental Protection Agency on June 23, 2008, authorized under section 402(c)(3) of the Toxic Substances Control Act (TSCA) require any Contractor or Maintenance Personnel disturbing more than 6 sq. ft. of interior or 20 sq. ft. of exterior lead-based paints (LBPs) in pre-1978 housing or child-occupied facilities to complete EPA-accredited training or 4-hr. EPA-accredited refresher training, as applicable, for lead safe work practices. Persons performing renovations, repairs and/or painting projects in target housing or child-occupied facilities must provide “Renovate Right” brochures to the Owners and occupants after December 22, 2008. Window replacements are subject to the standards. These standards prohibit certain dangerous work practices, such as open flame burning or torching of lead-based paints. Required work practices include posting of warning signs, restricting occupants from work areas, containing work areas to prevent dust and debris from spreading, conducting a thorough cleanup and verifying that the cleanup is effective. Additional rules and information are available at www.epa.gov/lead.

   “Certified Renovators” shall perform the following tasks:
   - Perform or direct uncertified workers performing regulated renovation activities;
   - Provide training to uncertified workers on lead safe work practices;
   - Be on-site during key stages of the renovation and otherwise be available on-site or by telephone at other times;
   - Use an acceptable lead test kit to determine whether lead-based paints are present in an affected area.

   Firms may apply for certification beginning in October 2009 and must be certified by April 22, 2010. The EPA RR&P rules are not applicable to industrial sites.

4.2 Polychlorinated Biphenyls (PCBs)

Cal/EPA regulates disposal polychlorinated biphenyls (PCBs). Under the objectives set in the Waste Characterization, Minimization and Management Plan adopted by Geosyntec Consultants in May 2010, the design goals for disposal standards for PCBs are set as follows:

- Concrete floors with a PCB concentration greater than 1 ppm can not be retained as an environmental cap and must be disposed as hazardous waste.

- Materials must have a surface concentration of less than 1 ppm or less than 10 µg/100 cm^2 on their surface for recycling.

- Materials having a PCB concentration greater than 50 ppm or a wipe concentration greater than 10 g/100 cm^2 shall be disposed off-site as Toxic Substances Control Act (TSCA) waste.

4.3 CAM-17 Metals

Cal/EPA regulates disposal of waste with threshold limit concentrations exceeding the Title 22 California Code of Regulation (CCR) standards as Cal-Haz waste.

Metal	**Title 22 Hazardous Waste TTLC Standard***	**Title 22 Hazardous Waste STLC Standard***
Antimony	500	1.5
Barium	10,000	100
Beryllium	75	0.75
Cadmium	100	1.0
Chromium	500 (CrVI)	5
Cobalt	8,000	80
Copper	2,500	25
Lead	1,000	5.0
Molybdenum	3,500	350
Nickel	2,000	20
Silver	500	5
Vanadium	5,000	24
Zinc	2,400	250
Arsenic	500	5.0
Selenium	100	1.0
Thallium	700	7.0
Mercury	20	0.2

TTLC = Total Threshold Limit Concentration in ppm or mg/kg
STLC = Soluble Threshold Limit Concentration in mg/liter

4.4 Volatile Organic Compounds (VOCs) and semi-Volatile Organic Compounds (SVOCs)

Tested concentrations in the Phase 2 sampling are all below applicable trigger standards and are not considered a significant issue regarding recycling or concrete or capping the site without remediation.

5.0 Results and Conclusions

Summaries of test results are shown in the attached Appendices

5.1 Lead-Based Paints (LBPs)

Lead-based paints (LBP), as defined by U.S. Department of Housing and Urban Development (HUD), were identified at the site, for a variety of substrates noted in Appendix A and shown in locations in Appendix B.

Most site paints were found to be below the HUD LBP criteria, although dust control procedures are required throughout the demolition of painted elements to comply with the Cal/OSHA regulations under 8 CCR 1532.1. All site paints shall be treated as having a lead content greater than 600 ppm requiring dust control procedures in compliance with 8 CCR 1532.1.

Loose and peeling paints should be removed under controlled procedures prior to any demolition of the structure. None of the applicable regulations require removal of LBP prior to demolition or renovation if the paints are securely adhered to the substrates (i.e., non-flaking or non-peeling). Disposal of the demolition debris in this case can be handled as non-hazardous and non-RCRA waste after the loose and flaking paints have been removed, as long as demolition practices do not compromise worker safety.

Conventional demolition techniques should be employed for all painted surfaces with the Contractor complying with applicable OSHA and Cal/OSHA statutes regarding:

- Worker awareness training;
- Exposure monitoring, as needed;
- Medical examinations, including blood lead level testing; and
- Establishing a written respiratory protection program.

5.2 Polychlorinated Biphenyls (PCBs)

Substrates with a PCB concentration greater than 50 ppm or greater than 0.10 µg/cm^2 are summarized below, as shown in Appendix C. Sampling locations are denoted in Appendix D.

Building.	Sample Locations	Materials	Contaminant(s)	Concentrations
1	All	Interior Perimeter Brick Walls Surface Paints	PCBs	<50 ppm
	009 & 011	Interior Structural Steel and Crane Paints	PCB	72 to 130 ppm
	018, 024, 026, 030, 034, 044, 046, 048, 049 & 052	Interior Concrete Floors	PCB	52 to 1,600 ppm
2	All	Interior Perimeter Brick Walls Surface Paints	PCBs	<50 ppm
	006	Interior Structural Steel and Crane Paints	PCB	64 ppm
	All	Interior Concrete Floors	PCB	<50 ppm
18	All	Interior Concrete Floor	PCB	<50 ppm
20	All	Interior Structural Steel Paints	PCB	<50 ppm

Note that many of the substrates have PCB concentrations greater than 1.0 ppm but less than 50 ppm making them unsuitable for recycling, particularly in Buildings 1 and 2 (see Summary Tables).

5.3 CAM-17 Metals

Substrates with metal concentrations above the Title 22 TTLC and STLCs are shown in Appendix C. Sampling locations are denoted in Appendix D.

Building.	**Sample Locations**	**Materials**	**Contaminant(s)**	**Concentrations**
1	001-EXT	Exterior Masonry Wall Paints	Cadmium, Chromium, Lead & Zinc	Greater than TTLC and/or STLC
	004	Interior Masonry Wall Paints	Lead & Zinc	Greater than TTLC and/or STLC
	010 & 011	Interior Structural Steel Column Paints	Lead & Zinc	Greater than TTLC and/or STLC
2	004	Interior Structural Steel Column Paints	Chromium, Lead & Zinc	Greater than TTLC and/or STLC
	008 & 010	Interior Masonry Wall Paints	Chromium, Lead, Mercury & Zinc	Greater than TTLC and/or STLC
Tank	Throughout	Exterior Paints	Chromium & Lead	Greater than TTLC and/or STLC

5.4 Other Hazardous Materials

Tested concentrations in the Phase 2 sampling are all below applicable VOC and SVOC trigger standards and are not considered a significant issue regarding recycling or concrete or capping the site without remediation. Locations of surface staining included the following:

Building.	**Sample Locations**	**Materials**	**Contaminant(s)**	**Concentrations**
1	016 & 032	Interior Concrete Floor	Various VOCs & SVOCs	Varies
17	Throughout	Structural Timbers	Various VOCs & SVOCs	Varies

Appendix A

Representative XRF Lead-Based Paint Sampling Results

REPRESENTATIVE SAMPLING OF LEAD-BASED PAINTS
CONFIDENTIAL FACILITY, OAKLAND, CA
SAMPLED BY SCA ENVIRONMENTAL, INC. ON MAY 14, 2010
SCA PROJECT NO.:K-9866

Bldg.	Sample I.D.	Sub No.	Location	Floor	Surface Color	Substrate Component	Substrate Material	L-Shell Value mg/cm^2	LBP per HUD Criteria*	Condition
B1	TN-01	1	Offices	1st	Tan	Wall	Brick	1.00 ± 0.40	Yes	Intact
B1	OW-02	1	Offices	1st	Off-White	Column	Steel	1.80 ± 1.60	Yes	Intact
B1	BE-03	1	Offices	1st	Beige	Door Frame	Wood	0.16 ± 0.22	No	Intact
B1	GY-04	1	Offices	1st	Gray	Door	Metal	5.40 ± 2.80	Yes	Intact
B1	OW-05	1	Offices	1st	Off-White	Wall	Brick	0.40 ± 0.30	No	Intact
B1	BR-06	1	Offices	1st	Brown	Stair	Wood	3.60 ± 1.70	Yes	Intact
B1	CR-07	1	Offices	1st	Cream	Window Sill	Wood	1.70 ± 1.50	Yes	Peeling
B1	BE-08	1	Offices	1st	Beige	Radiator	Metal	0.40 ± 0.20	No	Chipped & Peeling
B1	TN-01	2	Offices	1st	Tan	Wall	Brick	1.20 ± 1.10	Yes	Intact
B1	WH-09	1	Offices	1st	White	Door Frame	Wood	0.30 ± 0.35	No	Intact
B1	TN-10	1	Offices	1st	Tan	Wall	Wood	0.80 ± 0.22	No	Intact
B1	GY-11	1	Toilet	1st	Gray	Wall	Wood	0.01 ± 0.03	No	Intact
B1	GR-12	1	Shop	1st	Green	Wall	Brick	1.10 ± 0.20	Yes	Intact
B1	GR-12	2	Shop	1st	Green	Wall	CMU	0.00 ± 0.02	No	Intact
B1	GR-12	3	Shop	1st	Green	Door	Metal	0.01 ± 0.03	No	Intact
B1	RD-13	1	Shop	1st	Red	Column	Steel	3.10 ± 1.30	Yes	Intact
B1	OR-14	1	Shop	1st	Orange	Electrical Cabinet	Steel	1.40 ± 1.40	Yes	Intact
B1	YW-15	1	Crane 7	1st	Yellow	Crane	Metal	4.00 ± 2.00	Yes	Intact
B1	GR-12	4	Shop	1st	Green	Column	Steel	1.00 ± 0.30	Yes	Intact
B1	OW-16	1	Shop	1st	Off-White	Deck	Wood	0.03 ± 0.08	No	Peeling
B1	YW-17	1	Shop	1st	Yellow	Floor	Concrete	3.20 ± 1.70	Yes	Peeling & Chipped Striping
B1	YW-18	1	Shop	1st	Yellow	Railing	Metal	0.10 ± 0.03	No	Intact
B1	OW-19	1	Shop	1st	Off-White	Window Frame	Metal	2.00 ± 0.90	Yes	Intact
B1	GR-12	5	Shop	1st	Green	Wall	CMU	0.03 ± 0.10	No	Intact
B1	OW-19	2	Shop	1st	Off-White	Wall	CMU	0.02 ± 0.06	No	Intact
B1	OW-19	3	Offices	1st	Off-White	Wall	Brick	0.01 ± 0.02	No	Intact
B1	GR-12	6	Shop	1st	Green	Column	Steel	1.70 ± 0.60	Yes	Peeling
B1	RD-20	1	Shop	1st	Red	Pipe	Steel	0.25 ± 1.80	No	Intact
B1	YW-18	2	Lower Pit	1st	Yellow	Railing	Metal	0.40 ± 0.20	No	Chipped

REPRESENTATIVE SAMPLING OF LEAD-BASED PAINTS
CONFIDENTIAL FACILITY, OAKLAND, CA
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Bldg.	Sample I.D.	Sub No.	Location	Floor	Surface Color	Substrate Component	Substrate Material	L-Shell Value mg/cm^2	LBP per HUD Criteria*	Condition
B1	GR-12	7	Shop	1st	Green	Wall	Wood	0.00 ± 0.02	No	Intact
B1	OW-19	3	Shop	1st	Off-White	Wall	Wood	0.00 ± 0.02	No	Intact
B1	OW-19	4	Shop	1st	Off-White	Column	Steel	0.90 ± 0.15	No	Intact
B1	OR-21	1	Shop	1st	Green	Column	Steel	2.50 ± 0.90	Yes	Intact
B1	GR-22	1	Shop	1st	Green	Column	Steel	2.20 ± 0.90	Yes	Intact
B1	OW-16	2	Shop	1st	Off-White	Deck	Wood	0.09 ± 0.03	No	Severely Chipped & Peeling
B1	BR-23	1	Offices	2nd	Brown	Floor	Wood	0.03 ± 0.10	No	Intact Varnish
B1	CR-24	1	Offices	1st	Cream	Window Sash	Wood	3.80 ± 3.90	Yes	Intact
B1	CR-24	2	Offices	1st	Cream	Wall	Brick	1.00 ± 1.20	Yes	Peeling
B1	BE-08	2	Offices	1st	Beige	Wall	Wood	0.08 ± 0.13	No	Intact
B1	TN-25	1	Offices	1st	Tan	Door Frame	Wood	0.16 ± 0.22	No	Intact
B1	GR-26	1	Exterior East	1st	Green	Window Sill	Wood	6.60 ± 2.10	Yes	Chipped & Peeling
B1	BE-27	1	Exterior East	1st	Beige	Window Sill	Concrete	0.40 ± 0.30	No	Chipped & Peeling
B1	BE-28	1	Toilet	1st	Beige	Floor	Concrete	0.26 ± 0.08	No	Chipped
B1	BE-29	1	Toilet	1st	Beige	Wall	Plaster	0.19 ± 0.16	No	Chipped & Peeling
B1	BE-29	2	Exterior South	1st	Beige	Baseboard	Wood	0.30 ± 0.14	No	Chipped & Peeling
B1	BE-30	1	Exterior South	1st	Beige	Foundation	Concrete	1.30 ± 0.20	No	Intact
B1	BE-27	2	Exterior South	1st	Beige	Window Sill	Concrete	0.50 ± 0.30	Yes	Chipped & Peeling
B1	BE-30	2	Exterior South	1st	Beige	Door	Metal	0.00 ± 0.02	No	Intact
B1	OR-31	1	Exterior South	1st	Orange	Wall	CMU	0.00 ± 0.02	No	Intact
B1	BE-32	1	Exterior South	1st	Beige	Wall	Wood	0.02 ± 0.09	No	Intact
B1	YW-18	3	Yard South	1st	Yellow	Railing	Metal	2.60 ± 1.00	Yes	Intact
B1	GR-33	1	Yard South	1st	Green	Cabinet	Metal	0.50 ± 0.20	No	Rusty
B1	BL-34	1	Yard South	1st	Blue	Sump	Metal	0.00 ± 0.02	No	Peeling & Rusty

REPRESENTATIVE SAMPLING OF LEAD-BASED PAINTS
CONFIDENTIAL FACILITY, OAKLAND, CA
SAMPLED BY SCA ENVIRONMENTAL, INC. ON MAY 14, 2010
SCA PROJECT NO.:K-9866

Bldg.	Sample I.D.	Sub No.	Location	Floor	Surface Color	Substrate Component	Substrate Material	L-Shell Value mg/cm^2	LBP per HUD Criteria*	Condition
B1	SI-35	1	Exterior South	1st	Silver	Window Mullion	Metal	0.60 ± 0.30	No	Peeling & Rusty
B1	GY-36	1	Exterior South	1st	Gray	Cabinet	Metal	0.02 ± 0.04	No	Peeling & Rusty
B1	SI-35	2	Exterior South	1st	Silver	Stairs	Metal	2.30 ± 1.10	Yes	Peeling & Rusty
B1	RO-37	1	Exterior South	1st	Rose	Wall	CMU	0.07 ± 0.06	No	Intact
B1	WH-38	1	Exterior South	1st	White	Door	Metal	0.30 ± 0.28	No	Peeling & Rusty
B1	GY-39	1	Exterior South	1st	Gray	Wall	Brick	0.03 ± 0.05	No	Intact
B1	YW-40	1	Exterior South	1st	Yellow	Wall	Metal	0.04 ± 0.13	No	Intact
B1	PK-41	1	Exterior South	1st	Pink	Wall	Metal	0.10 ± 0.03	No	Intact
B1	YW-18	4	Exterior West	1st	Yellow	Railing	Metal	0.50 ± 0.30	No	Intact
B1	OW-42	1	Exterior West	1st	Off-White	Column	Steel	0.01 ± 0.03	No	Intact
B1	OW-42	2	Exterior West	1st	Off-White	Door	Metal	0.05 ± 0.16	No	Intact
B1	RD-43	1	Exterior West	1st	Red	Loading Dock	Metal	0.00 ± 0.02	No	Rusty
B1	SI-35	3	Exterior West	1st	Silver	Window Frame	Metal	0.40 ± 0.20	No	Peeling & Rusty
B1	BE-30	3	Exterior North	1st	Beige	Foundation	Concrete	0.50 ± 0.20	No	Intact
B1	SI-35	4	Exterior North	1st	Silver	Wall	Brick	1.50 ± 0.50	Yes	Intact
B1	RD-44	1	Exterior North	1st	Red	Door	Wood	7.50 ± 5.30	Yes	Chipped & Peeling
B1	RD-44	2	Exterior North	1st	Red	Wall	CMU	0.10 ± 0.02	No	Intact
B1	RD-44	3	Exterior North	1st	Red	Wall	Brick	1.30 ± 0.20	Yes	Chipped & Peeling
B1	OW-45	1	Exterior North	1st	Off-White	Door	Metal	0.10 ± 0.02	No	Intact

* HUD definition for Lead-Based Paints is ≥1.0 mg/cm^2 or ≥0.5% lead by weight.
Note: Paints and glazing with a detectable lead content are subject to the Contractor's compliance with Cal/OSHA regulation 8 CCR 1532.1 during demolition, scraping of loose and peeling paints, spot abatement prior to torching or cutting, etc.
Figures in bold represent lead-based paints (LBP) per HUD definition.
Table indicates representative samples only; treat all similarly painted surfaces in kind.

REPRESENTATIVE SAMPLING OF LEAD-BASED PAINTS
CONFIDENTIAL FACILITY, OAKLAND, CA
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Bldg.	Sample I.D.	Sub No.	Location	Floor	Surface Color	Substrate Component	Substrate Material	L-Shell Value mg/cm^2	LBP per HUD Criteria*	Condition
B2	GY-39	1	Exterior South	1st	Gray	Downspout	Metal	0.03 ± 0.06	No	Intact
B2	GY-40	1	Exterior South	1st	Gray	Electrical Box	Metal	0.08 ± 0.22	No	Intact
B2	YW-41	1	Exterior West	1st	Yellow	Pipe	Metal	0.11 ± 0.05	No	Intact
B2	RD-42	1	Exterior West	1st	Red	Wall	Concrete	0.00 ± 0.02	No	Intact
B2	RD-42	2	Exterior West	1st	Red	Wall	Brick	0.00 ± 0.02	No	Intact
B2	SI-43	1	Exterior North	1st	Silver	Door	Metal	2.70 ± 0.60	Yes	Intact
B2	YW-44	1	Exterior North	1st	Yellow	Step	Metal	0.06 ± 0.07	No	Chipped
B2	SI-45	1	Exterior North	1st	Silver	Window Frame	Metal	0.09 ± 0.09	No	Intact
B2	BE-46	1	Exterior North	1st	Beige	Window Sill	Concrete	0.01 ± 0.03	No	Intact
B2	YW-47	1	Exterior North	1st	Yellow	Railing	Metal	10.10 ± 0.70	Yes	Intact
B2	OW-48	1	Exterior North	1st	Off-White	Door	Wood	2.70 ± 1.30	Yes	Peeling
B2	OW-48	2	Exterior North	1st	Off-White	Door Frame	Metal	1.40 ± 0.40	Yes	Chipped
B2	OW-49	1	Exterior North	1st	Off-White	Door	Metal	0.00 ± 0.02	No	Intact
B2	TN-50	1	Exterior North	1st	Tan	Door Frame	Wood	0.00 ± 0.02	No	Intact
B2	YW-51	1	Exterior North	1st	Yellow	Floor	Concrete	4.40 ± 2.20	Yes	Chipped
B2	GY-52	1	Exterior North	1st	Gray	Wall	Wood	0.00 ± 0.02	No	Intact
B2	RD-53	1	Exterior East	1st	Red	Post	Metal	0.00 ± 0.02	No	Intact
B2	BR-54	1	Interior North	1st	Brown	Wall	Brick	0.50 ± 0.20	No	Peeling
B2	OW-55	1	Interior North	1st	Off-White	Column	Metal	2.00 ± 0.60	Yes	Intact
B2	BR-54	2	Interior North	1st	Brown	Column	Metal	4.10 ± 2.40	Yes	Intact
B2	YW-56	1	Interior North	1st	Yellow	Crane	Metal	1.70 ± 0.40	Yes	Chipped
B2	RD-57	1	Interior North	1st	Red	Column	Metal	2.80 ± 1.20	Yes	Intact
B2	OW-58	1	Interior West	1st	Off-White	Ceiling	Wood	0.06 ± 0.17	No	Intact
B2	OW-59	1	Bathroom 1	1st	Off-White	Wall	Sheetrock	0.00 ± 0.02	No	Intact
B2	TN-60	1	Bathroom 1	1st	Tan	Partition	Metal	0.00 ± 0.02	No	Intact
B2	TN-61	1	Bathroom 1	1st	Tan	Wall	Sheetrock	0.00 ± 0.02	No	Intact
B2	WH-62	1	Bathroom 2	1st	White	Wall	Brick	1.10 ± 0.20	Yes	Peeling
B2	WH-63	1	Bathroom 2	1st	White	Window Sill	Concrete	0.03 ± 0.05	No	Peeling
B2	OR-64	1	Interior South	1st	Orange	Electrical Panel	Metal	2.70 ± 1.10	Yes	Peeling
B2	OW-65	1	Office 2	1st	Off-White	Bench Post	Wood	0.00 ± 0.02	No	Intact

REPRESENTATIVE SAMPLING OF LEAD-BASED PAINTS
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Bldg.	Sample I.D.	Sub No.	Location	Floor	Surface Color	Substrate Component	Substrate Material	L-Shell Value mg/cm^2	LBP per HUD Criteria*	Condition
B2	WH-66	1	Office 2	1st	White	Wall	Sheetrock	0.00 ± 0.02	No	Intact
B2	BR-67	1	Office 1	1st	Brown	Wall	Wood	0.00 ± 0.02	No	Intact
B2	BR-68	1	Interior North	1st	Brown	Door	Wood	3.10 ± 1.60	Yes	Chipped
B2	GY-69	1	Interior North	1st	Gray	Floor	Concrete	0.03 ± 0.06	No	Intact
B2	BR-70	1	Interior North	1st	Brown	Partition	Metal	1.30 ± 0.40	Yes	Intact
B2	GY-71	1	Interior North	2nd	Gray	Door Frame	Metal	0.00 ± 0.02	No	Intact
B2	GY-71	2	Interior North	1st	Gray	Door	Metal	0.00 ± 0.02	No	Intact
B2	GY-72	1	Bathroom 3	1st	Gray	Floor	Concrete	0.03 ± 0.09	No	Chipped
B2	BR-73	1	Bathroom 3	1st	Brown	Partition	Metal	1.80 ± 0.50	Yes	Intact
B2	BR-73	2	Bathroom 3	1st	Brown	Window Sill	Concrete	0.50 ± 0.20	No	Peeling
B2	BR-73	3	Bathroom 3	1st	Brown	Wall	Brick	0.40 ± 0.30	No	Peeling
B2	BE-74	1	Bathroom 3	1st	Beige	Wall	Brick	0.60 ± 0.20	No	Intact
B2	BE-74	2	Bathroom 3	1st	Beige	Pipe	Metal	0.13 ± 0.15	No	Intact
B2	BR-67	2	Office 3	1st	Brown	Wall	Wood	0.07 ± 0.11	No	Intact
B2	BE-54	3	Interior East	1st	Beige	Column	Metal	6.90 ± 0.60	Yes	Intact
B2	YW-55	1	Interior East	1st	Yellow	Crane	Metal	6.40 ± 3.80	Yes	Chipped
B2	OW-58	2	Interior South	1st	Off-White	Ceiling	Wood	0.08 ± 0.05	No	Intact

* HUD definition for Lead-Based Paints is ≥1.0 mg/cm^2 or ≥0.5% lead by weight.
Note: Paints and glazing with a detectable lead content are subject to the Contractor's compliance with Cal/OSHA regulation 8 CCR 1532.1 during demolition, scraping of loose and peeling paints, spot abatement prior to torching or cutting, etc.
Figures in bold represent lead-based paints (LBP) per HUD definition.
Table indicates representative samples only; treat all similarly painted surfaces in kind.

REPRESENTATIVE SAMPLING OF LEAD-BASED PAINTS
CONFIDENTIAL FACILITY, OAKLAND, CA
SAMPLED BY SCA ENVIRONMENTAL, INC. ON MAY 17, 2010
SCA PROJECT NO.:K-9866

Bldg.	Sample I.D.	Sub No.	Location	Floor	Surface Color	Substrate Component	Substrate Material	L-Shell Value mg/cm^2	LBP per HUD Criteria*	Condition
B8	BE-24	1	Exterior East	1st	Beige	Wall	CMU	0.01 ± 0.02	No	Chipped
B8	BE-24	2	Exterior East	1st	Beige	Door Frame	Metal	0.04 ± 0.06	No	Chipped
B8	WH-25	1	Exterior East	1st	White	Door Frame	Metal	0.00 ± 0.02	No	Intact
B8	GY-26	1	Exterior East	1st	Gray	Door Frame	Metal	0.00 ± 0.02	No	Intact
B8	GY-27	1	Interior	1st	Gray	Floor	Concrete	0.02 ± 0.05	No	Chipped
B8	RD-28	1	Interior West	1st	Red	Pipe	Metal	0.01 ± 0.02	No	Intact
B8	RD-29	1	Exterior North	1st	Red	Frame	Metal	0.02 ± 0.04	No	Intact
B8	SI-30	1	Exterior North	1st	Silver	Sprinkler Standpipe	Metal	1.50 ± 0.50	Yes	Intact

* HUD definition for Lead-Based Paints is ≥1.0 mg/cm^2 or ≥0.5% lead by weight.
Note: Paints and glazing with a detectable lead content are subject to the Contractor's compliance with Cal/OSHA regulation 8 CCR 1532.1 during demolition, scraping of loose and peeling paints, spot abatement prior to torching or cutting, etc.
Figures in bold represent lead-based paints (LBP) per HUD definition.
Table indicates representative samples only; treat all similarly painted surfaces in kind.

REPRESENTATIVE SAMPLING OF LEAD-BASED PAINTS
CONFIDENTIAL FACILITY, OAKLAND, CA
SAMPLED BY SCA ENVIRONMENTAL, INC. ON MAY 17, 2010
SCA PROJECT NO.:K-9866

Bldg.	Sample I.D.	Sub No.	Location	Floor	Surface Color	Substrate Component	Substrate Material	L-Shell Value mg/cm^2	LBP per HUD Criteria*	Condition
B17	GY-31	1	Interior East	1st	Gray	Electrical Box	Metal	0.00 ± 0.02	No	Intact
B17	YW-32	1	Interior East	1st	Yellow	Floor	Concrete	1.10 ± 0.10	Yes	Peeling
B17	GR-33	1	Interior West	1st	Green	Electrical Box	Metal	0.00 ± 0.02	No	Intact
B17	WH-34	1	Exterior West	1st	White	Wall	Sheetrock	0.01 ± 0.05	No	Intact
B17	WH-34	2	Office West	1st	White	Baseboard	Wood	0.02 ± 0.08	No	Intact
B17	WH-34	3	Office West	1st	White	Door Frame	Wood	0.11 ± 0.11	No	Intact
B17	BR-35	1	Office West	1st	Brown	Door Frame	Wood	0.02 ± 0.02	No	Intact
B17	SI-36	1	Office West	1st	Silver	Wall	Metal	0.00 ± 0.02	No	Intact
B17	RD-37	1	Interior South	1st	Red	Floor	Concrete	0.01 ± 0.02	No	Chipped
B17	YW-38	1	Interior South	1st	Yellow	Stair	Metal	0.04 ± 0.07	No	Chipped
B17	YW-38	2	Exterior South	1st	Yellow	Frame	Metal	0.01 ± 0.02	No	Intact

* HUD definition for Lead-Based Paints is ≥1.0 mg/cm^2 or ≥0.5% lead by weight.
Note: Paints and glazing with a detectable lead content are subject to the Contractor's compliance with Cal/OSHA regulation 8 CCR 1532.1 during demolition, scraping of loose and peeling paints, spot abatement prior to torching or cutting, etc.
Figures in bold represent lead-based paints (LBP) per HUD definition.
Table indicates representative samples only; treat all similarly painted surfaces in kind.

REPRESENTATIVE SAMPLING OF LEAD-BASED PAINTS
CONFIDENTIAL FACILITY, OAKLAND, CA
SAMPLED BY SCA ENVIRONMENTAL, INC. ON MAY 17, 2010
SCA PROJECT NO.:K-9866

Bldg.	Sample I.D.	Sub No.	Location	Floor	Surface Color	Substrate Component	Substrate Material	L-Shell Value mg/cm^2	LBP per HUD Criteria*	Condition
B18	BE-01	1	Exterior North	1st	Beige	Wall	Metal	0.01 ± 0.04	No	Intact
B18	WH-02	1	Exterior North	1st	White	Door	Metal	0.14 ± 0.41	No	Peeling
B18	WH-02	2	Exterior North	1st	White	Door Frame	Metal	0.03 ± 0.09	No	Intact
B18	TN-03	1	Exterior West	1st	Tan	Downspout	Metal	0.02 ± 0.07	No	Chipped
B18	RD-04	1	Exterior North	1st	Red	Post	Metal	1.60 ± 0.40	Yes	Peeling
B18	SI-05	1	Exterior North	1st	Silver	Sprinkler Standpipe	Metal	7.10 ± 4.10	Yes	Peeling
B18	YW-06	1	Exterior West	1st	Yellow	Post	Metal	0.80 ± 1.00	No	Chipped
B18	BE-07	1	Interior North	1st	Beige	Wall	Metal	0.01 ± 0.03	No	Intact
B18	RD-08	1	Room 5 East	1st	Red	Beam	Metal	0.00 ± 0.02	No	Intact
B18	OW-09	1	Room 5 East	1st	Off-White	Wall	Sheetrock	0.00 ± 0.02	No	Intact
B18	RD-08	2	Room 5 West	1st	Red	Column	Metal	0.00 ± 0.02	No	Intact
B18	RD-10	1	Room 5 South	1st	Red	Pipe	Metal	0.40 ± 0.20	No	Intact
B18	WH-11	1	Room 5 North	1st	White	Rack	Metal	0.00 ± 0.02	No	Intact
B18	GY-12	1	Room 5 North	1st	Gray	Rack	Metal	0.00 ± 0.02	No	Intact
B18	WH-11	2	Room 5 North	1st	White	Shelf	Wood	0.00 ± 0.02	No	Intact

* HUD definition for Lead-Based Paints is ≥1.0 mg/cm^2 or ≥0.5% lead by weight.
Note: Paints and glazing with a detectable lead content are subject to the Contractor's compliance with Cal/OSHA regulation 8 CCR 1532.1 during demolition, scraping of loose and peeling paints, spot abatement prior to torching or cutting, etc.
Figures in bold represent lead-based paints (LBP) per HUD definition.
Table indicates representative samples only; treat all similarly painted surfaces in kind.

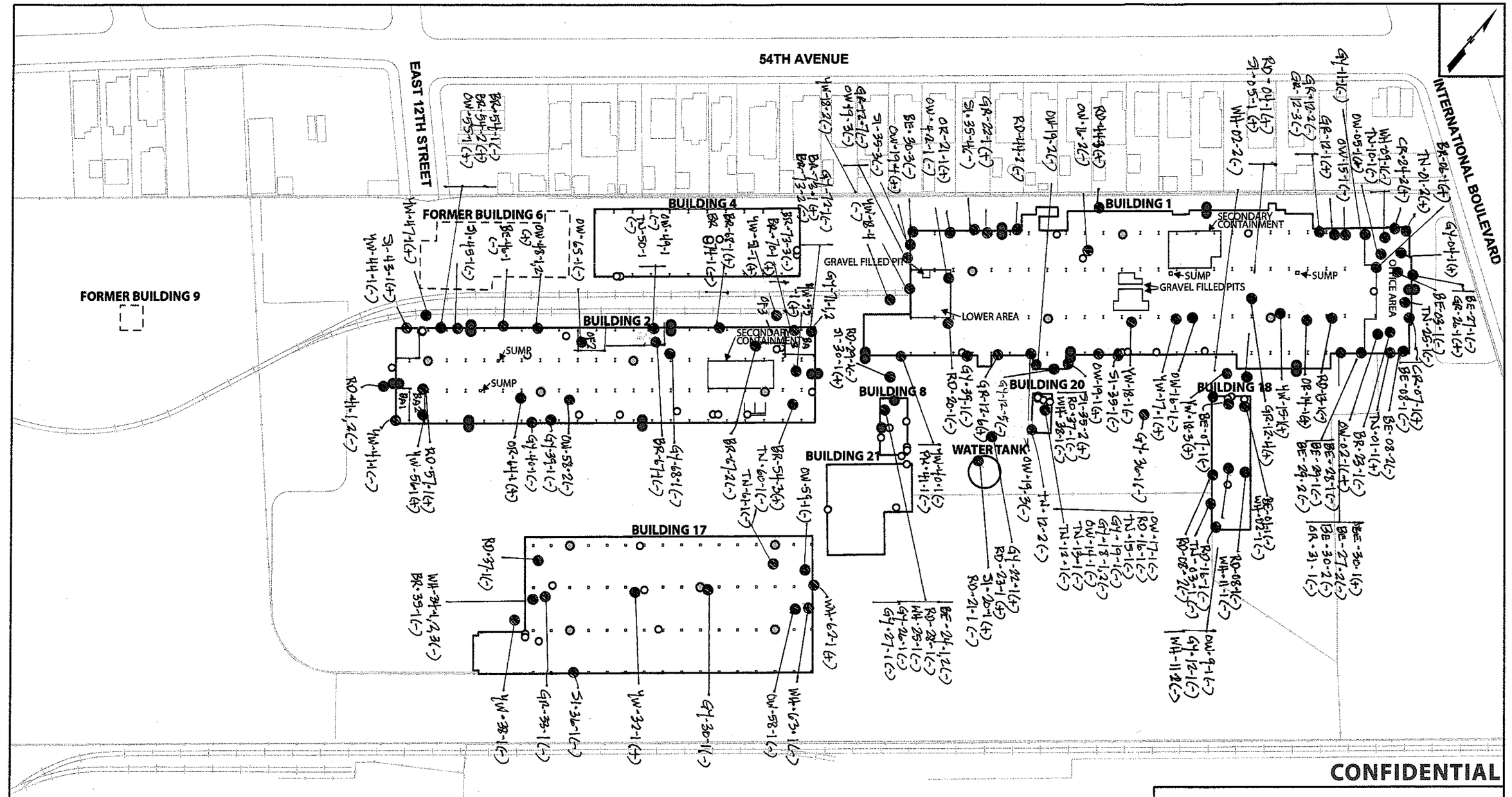
REPRESENTATIVE SAMPLING OF LEAD-BASED PAINTS
CONFIDENTIAL FACILITY, OAKLAND, CA
SAMPLED BY SCA ENVIRONMENTAL, INC. ON MAY 17, 2010
SCA PROJECT NO.:K-9866

Bldg.	Sample I.D.	Sub No.	Location	Floor	Surface Color	Substrate Component	Substrate Material	L-Shell Value mg/cm^2	LBP per HUD Criteria*	Condition
B20	TN-12	1	Exterior North	1st	Tan	Wall	Metal	0.24 ± 0.17	No	Intact
B20	TN-13	1	Exterior North	1st	Tan	Downspout	Metal	0.21 ± 0.17	No	Intact
B20	OW-14	1	Exterior North	1st	Off-White	Door	Metal	0.02 ± 0.05	No	Peeling
B20	TN-15	1	Exterior North	1st	Tan	Door Frame	Metal	0.09 ± 0.10	No	Peeling
B20	TN-12	2	Exterior South	1st	Tan	Wall	Metal	0.20 ± 0.15	No	Intact
B20	RD-16	1	Interior North	1st	Red	Beam	Metal	0.00 ± 0.02	No	Intact
B20	OW-17	1	Interior South	1st	Off-White	Wall	Metal	0.03 ± 0.13	No	Intact
B20	GY-18	1	Interior East	1st	Gray	Wall	CMU	0.01 ± 0.06	No	Intact
B20	GY-18	2	Interior East	1st	Gray	Floor	Concrete	0.00 ± 0.02	No	Intact
B20	GY-19	1	Interior West	1st	Gray	Door Frame	Metal	0.01 ± 0.04	No	Intact
B20	SI-20	1	Exterior Water Tank	1st	Silver	Tank	Metal	1.30 ± 0.30	Yes	Intact
B20	RD-21	1	Exterior Water Tank	1st	Red	Tank Base	Concrete	0.40 ± 0.20	No	Chipped
B20	GY-22	1	Pump House	1st	Gray	Frame	Metal	2.10 ± 1.00	Yes	Chipped
B20	RD-23	1	Pump House	1st	Red	Window Mullion	Metal	1.20 ± 0.20	Yes	Intact

* HUD definition for Lead-Based Paints is ≥1.0 mg/cm^2 or ≥0.5% lead by weight.
Note: Paints and glazing with a detectable lead content are subject to the Contractor's compliance with Cal/OSHA regulation 8 CCR 1532.1 during demolition, scraping of loose and peeling paints, spot abatement prior to torching or cutting, etc.
Figures in bold represent lead-based paints (LBP) per HUD definition.
Table indicates representative samples only; treat all similarly painted surfaces in kind.

Appendix B

Representative Lead-Based Paint Sampling Locations



CONFIDENTIAL

LEGEND:
(+) = HUD-DEFINED LEAD-BASED PAINT (LBP)
(-) = LEAD-CONTAINING PAINT (LCP)

Legend
- Proposed Wall Sampling Location
- Proposed Support Structure Sampling Location
- Arcadis Sampling Location
- Former Building
- Existing Building

Data Source: ARCADIS, 2009. Draft Phase I Building Assessment Report. Prepared for General Electric, January 2009.

100 50 0 100 Feet

Lead-Based Paint Sampling Locations
5441 International Boulevard
Oakland, California

Geosyntec consultants

San Diego | May 2010

Figure

Appendix C

Summary of Core and Wipe Sampling Results

SUMMARY OF SAMPLING RESULTS
CONFIDENTIAL LOCATION, OAKLAND, CA
SCA. PROJECT NO. K-9866

Building	Floor	Location & Description	Date	Sample I.D.	Wipe PCB Results	Paint PCB Results	Brick PCB Results	Concrete Floor PCB Results	CAM 17 Metals (TTLC (mg/kg) / TCLP (mg/kg) / STLC (mg/L)++																		VOCs	SVOCs	Pre-Sampling Lead Concentration (mg/cm2)+	Post-Sampling Lead Concentration (mg/cm2)+
									An	Ar	Ba	Be	Ca	Ch	Co	Cu	Pb	Hg	Mo	Ni	Se	Si	Th	Va	Zn				
Standards					*0.1 µg/cm 2*	*50 mg/kg*	*50 mg/kg*	*50 mg/kg*	*500 / 15*	*500 / 5*	*10000/ 100*	*75/ 0.75*	*100/ 1*	*500 / 5*	*8000 / 80*	*2500 / 25*	*1000 / 5*	*20 / 0.2*	*3500 / 350*	*2000 / 20*	*100 / 1*	*500 / 5*	*700 / 7*	*5000 / 24*	*2400 / 250*			*1.0 mg/cm 2*	*1.0 mg/cm 2*
B1	1st	Shop Northeast Perimeter Brick Wall	5/14/2010	B1-BW-WP-001-20100514	ND																								
B1	1st	Shop Northeast Perimeter Brick Wall w/Green Paints	5/14/2010	B1-BW-PP-001-20100514		**7.6 mg/kg Aroclor 1260**																						**1.8 ± 0.7**	0.0 ± 0.2
B1	1st	Shop Northeast Perimeter Brick Wall	5/14/2010	B1-BW-CP-001-20100514			ND																						
B1	1st	Shop Exterior Northeast Perimeter Brick Wall w/Red & Green Paints	5/18/2010	B1-BW-PP-001-20100518-EX		**3.9 mg/mg Aroclor 1260**			310 mg/kg / ND / 2.0 mg/L	15 / /	250 / /	ND / /	**110 mg/kg / 0.17 mg/L / 1.2 mg/L**	**2200 mg/kg / ND / 12 mg/L**	260 / /	140 / /	**19000 mg/kg / 4.3 mg/L / 220 mg/L**	0.55 / /	7.7 / /	38 / /	ND / /	ND / /	ND / /	280 / /	**51000 mg/kg / 130 mg/L / 620 mg/L**			**1.4 ± 0.3**	0.07 ± 0.06
B1	1st	Shop Exterior Northeast Perimeter Brick Wall	5/18/2010	B1-BW-CP-001-20100518-EX			ND																						
B1	1st	Shop South Central Perimeter Brick Wall	5/14/2010	B1-BW-WP-002-20100514	ND																								
B1	1st	Shop South Central Perimeter Brick Wall w/Green Paints	5/14/2010	B1-BW-PP-002-20100514		**8.2 mg/kg Aroclor 1260**																						0.3 ± 0.1	0.05 ± 0.06
B1	1st	Shop South Central Perimeter Brick Wall	5/14/2010	B1-BW-CP-002-20100514			**1.2 mg/kg Aroclor 1260**																						
B1	1st	Shop Exterior South Central Perimeter Brick Wall	5/17/2010	B1-BW-CP-002-20100517-EX			ND																					0.01 ± 0.03	0.01 ± 0.02
B1	1st	Shop Southwest Perimeter Brick Wall w/Green Paints	5/14/2010	B1-BW-PP-003-20100514		**4.2 mg/kg Aroclor 1260**																						0.22 ± 0.14	0.02 ± 0.02
B1	1st	Shop Southwest Perimeter Brick Wall	5/14/2010	B1-BW-CP-003-20100514			ND																						
B1	1st	Shop Southwest Perimeter Brick Wall w/No Paints	5/18/2010	B1-BW-CP-003-20100518-EX			ND																					0.00 ± 0.02	---
B1	1st	Shop Northwest Perimeter Brick Wall	5/14/2010	B1-BW-PP-004-20100514		**13 mg/kg Aroclor 1260**			6 / /	3.8 / /	3000 mg/kg / ND / 1.6 mg/l	ND / /	7.1 /	80 mg/kg / ND / 2.1 mg/L	200 / /	100 / /	**1400 mg/kg /1.6 mg/L / 68 mg/L**	0.99 / /	5.7 / /	35 / /	ND / /	2.1 / /	ND / /	96 / /	**14000 mg/kg / 57 mg/L / 270 mg/L**			0.13 ± 0.06	0.01 ± 0.02
B1	1st	Shop Northwest Perimeter Brick Wall	5/14/2010	B1-BW-CP-004-20100514			ND																						
B1	1st	Shop Northwest Perimeter Brick Wall w/Silver & Green Paints	5/18/2010	B1-BW-PP-004-20100518-EX		ND																						**2.13 ± 1.2**	0.05 ± 0.03
B1	1st	Shop Northwest Perimeter Brick Wall	5/18/2010	B1-BW-CP-004-20100518-EX			ND																						
B1	1st	Shop Southeast Perimeter Brick Wall w/Green Paints	5/14/2010	B1-BW-PP-005-20100514		**9.5 mg/kg Aroclor 1260**																						**1.3 ± 0.3**	0.14 ± 0.07

SUMMARY OF SAMPLING RESULTS
CONFIDENTIAL LOCATION, OAKLAND, CA
SCA. PROJECT NO. K-9866

Building	Floor	Location & Description	Date	Sample I.D.	Wipe PCB Results	Paint PCB Results	Brick PCB Results	Concrete Floor PCB Results	CAM 17 Metals (TTLC (mg/kg) / TCLP (mg/kg) / STLC (mg/L)++																		VOCs	SVOCs	Pre-Sampling Lead Concentration (mg/cm2)+	Post-Sampling Lead Concentration (mg/cm2)+
									An	Ar	Ba	Be	Ca	Ch	Co	Cu	Pb	Hg	Mo	Ni	Se	Si	Th	Va	Zn				
Standards					*0.1 µg/cm 2*	*50 mg/kg*	*50 mg/kg*	*50 mg/kg*	*500 / 15*	*500 / 5*	*10000/ 100*	*75/ 0.75*	*100/ 1*	*500 / 5*	*8000 / 80*	*2500 / 25*	*1000 / 5*	*20 / 0.2*	*3500 / 350*	*2000 / 20*	*100 / 1*	*500 / 5*	*700 / 7*	*5000 / 24*	*2400 / 250*			*1.0 mg/cm 2*	*1.0 mg/cm 2*
B1	1st	Shop Southeast Perimeter Brick Wall	5/14/2010	B1-BW-CP-005-20100514			0.73 mg/kg Aroclor 1260																							
B1	1st	Shop Southeast Perimeter Brick Wall w/No Paints	5/18/2010	B1-BW-CP-005-20100518-EX			ND																					0.02 ± 0.03	
B1	1st	Office East Perimeter Brick Wall @ Entry Door w/Beige Paints	5/14/2010	B1-BW-PP-006-20100514		**18 mg/kg Aroclor 1260**																						**1.3 ± 1.5**	0.00 ± 0.02
B1	1st	Office East Perimeter Brick Wall @ Entry Door	5/14/2010	B1-BW-CP-006-20100514			ND																						
B1	1st	Office East Perimeter Brick Wall @ Entry Door	5/18/2010	B1-BW-CP-006-20100518-EX			ND																					0.03 ± 0.08	---
B1	1st	Shop Crane 7 w/Yellow Paints	5/14/2010	B1-BW-WP-007-20100514	ND																							**4.7 ± 2.4**	---
B1	1st	Shop Interior Central East Structural Steel Column	5/14/2010	B1-SS-PP-008-20100514		**28 mg/kg Aroclor 1260**																						**4.0 ± 1.3**	1.4 ± 0.3
B1	1st	Shop Interior Central West Structural Steel Column	5/14/2010	B1-SS-PP-009-20100514		**72 mg/kg Aroclor 1260**																						**2.2 ± 0.9**	0.15 ± 0.12
B1	1st	Shop Interior Central West Structural Steel Column	5/14/2010	B1-SS-WP-009-20100514-PRE	0.0015 µg/cm2 Aroclor 1260																								
B1	1st	Shop Interior Central West Structural Steel Column	5/14/2010	B1-SS-WP-009-20100514-POST	0.045 µg/cm2 Aroclor 1260																								
B1	1st	Shop Interior Structural Steel Column at Lower Pit North Perimeter	5/14/2010	B1-SS-PP-010-20100514		**18 mg/kg Aroclor 1260**			ND / /	ND / /	2400 mg/kg / ND / ND	ND / /	ND / /	93 mg/kg / ND / 0.51 mg/L	300 / /	130 / /	**49000 mg/kg / 390 mg/L / 2400 mg/L**	ND / /	ND / /	ND / /	ND / /	ND / /	ND / /	ND / /	**51000 mg/kg / 43 mg/L / 490 mg/L**			**3.3 ± 1.5**	0.45 ± 0.2
B1	1st	Shop Interior Central North Perimeter Structural Steel Column	5/17/2010	B1-SS-PP-011-20100517		**130 mg/kg Aroclor 1260**			180 / /	4.9 / /	840 mg/kg / ND / 2.3 mg/L	ND / /	23 / /	2800 mg/kg / ND / 3.2 mg/L	220 / /	180 / /	**39000 mg/kg /110 mg/L / 1400 mg/L**	0.55 / /	1.7 / /	15 / /	0.5 /	5 / /	ND / /	9.6 / /	**23000 mg/kg / 460 mg/L / 460 mg/L**			**2.3 ± 0.9**	
B1	1st	Shop Interior Central North Perimeter Structural Steel Column	5/17/2010	B1-SS-WP-011-20100514-PRE	ND																								
B1	1st	Shop Interior Central North Perimeter Structural Steel Column	5/17/2010	B1-SS-WP-011-20100514-POST	0.059 µg/cm2 Aroclor 1260																								
B1	1st	Shop Perimeter Central North Glass Window (Wire-Glass)	5/17/2010	B1-GW-WP-012-20100517	ND																							0.00 ± 0.02	---
B1	1st	Shop Interior Central East Concrete Floor	5/20/2010	B1-CF-CP-013-20100520				**9.8 mg/kg Aroclor 1260**																					

SUMMARY OF SAMPLING RESULTS
CONFIDENTIAL LOCATION, OAKLAND, CA
SCA. PROJECT NO. K-9866

Building	Floor	Location & Description	Date	Sample I.D.	Wipe PCB Results	Paint PCB Results	Brick PCB Results	Concrete Floor PCB Results	CAM 17 Metals (TTLC (mg/kg) / TCLP (mg/kg) / STLC (mg/L)++																	VOCs	SVOCs	Pre-Sampling Lead Concentration (mg/cm2)+	Post-Sampling Lead Concentration (mg/cm2)+
									An	Ar	Ba	Be	Ca	Ch	Co	Cu	Pb	Hg	Mo	Ni	Se	Si	Th	Va	Zn				
Standards					*0.1 µg/cm 2*	*50 mg/kg*	*50 mg/kg*	*50 mg/kg*	*500 / 15*	*500 / 5*	*10000/ 100*	*75/ 0.75*	*100/ 1*	*500 / 5*	*8000 / 80*	*2500 / 25*	*1000 / 5*	*20 / 0.2*	*3500 / 350*	*2000 / 20*	*100 / 1*	*500 / 5*	*700 / 7*	*5000 / 24*	*2400 / 250*			*1.0 mg/cm 2*	*1.0 mg/cm 2*
B1	1st	Shop Interior Central East Concrete Floor	5/20/2010	B1-CF-CP-014-20100520				**11 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central East Concrete Floor	5/20/2010	B1-CF-CP-015-20100520				**6.8 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central East Concrete Floor	5/20/2010	B1-CF-CP-016-20100520				ND																		0.0013 mg/kg Stryene, 0.0012 mg/kg 1,2-Dichlorobenzene, 0.00057 mg/kg Ethylbenzene & 0.0035 mg/kg Xylenes	3.3 mg/kg Phenol		
B1	1st	Shop Interior Central East Concrete Floor	5/20/2010	B1-CF-CP-017-20100520				**1.1 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central East Concrete Floor	5/20/2010	B1-CF-CP-018-20100520				**63 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central East Concrete Floor	5/20/2010	B1-CF-CP-019-20100520				ND																					
B1	1st	Shop Interior Central East Concrete Floor	5/20/2010	B1-CF-CP-020-20100520				**28 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-021-20100520				**26 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-022-20100520				ND																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-023-20100520				**34 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-024-20100520				**52 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-025-20100520				0.6 mg/kg Aroclor 1260																					
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-026-20100520				**55 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-027-20100520				**8.4 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-028-20100520				**23 mg/kg Aroclor 1260**																					

SUMMARY OF SAMPLING RESULTS
CONFIDENTIAL LOCATION, OAKLAND, CA
SCA. PROJECT NO. K-9866

Building	Floor	Location & Description	Date	Sample I.D.	Wipe PCB Results	Paint PCB Results	Brick PCB Results	Concrete Floor PCB Results	CAM 17 Metals (TTLC (mg/kg) / TCLP (mg/kg) / STLC (mg/L)++																	VOCs	SVOCs	Pre-Sampling Lead Concentration (mg/cm2)+	Post-Sampling Lead Concentration (mg/cm2)+
									An	Ar	Ba	Be	Ca	Ch	Co	Cu	Pb	Hg	Mo	Ni	Se	Si	Th	Va	Zn				
Standards					*0.1 µg/cm 2*	*50 mg/kg*	*50 mg/kg*	*50 mg/kg*	*500 / 15*	*500 / 5*	*10000/ 100*	*75/ 0.75*	*100/ 1*	*500 / 5*	*8000 / 80*	*2500 / 25*	*1000 / 5*	*20 / 0.2*	*3500 / 350*	*2000 / 20*	*100 / 1*	*500 / 5*	*700 / 7*	*5000 / 24*	*2400 / 250*			*1.0 mg/cm 2*	*1.0 mg/cm 2*
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-029-20100520				**40 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-030-20100520				**220 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-031-20100520				ND																					
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-032-20100520				**2.4 mg/kg Aroclor 1260**																		0.0034 mg/kg Naphthalene, 0.0010 mg/kg 1,2,4-Trimethylbenzene	ND		
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-033-20100520				**2.4 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-034-20100520				**290 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-035-20100520				**21 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-036-20100520				**1.7 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central West Concrete Floor	5/21/2010	B1-CF-CP-037-20100521				**22 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central West Concrete Floor	5/21/2010	B1-CF-CP-038-20100521				ND																					
B1	1st	Shop Interior Central West Concrete Floor	5/21/2010	B1-CF-CP-039-20100521				ND																					
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-040-20100520				**1.7 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-041-20100520				**4.7 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central West Concrete Floor	5/21/2010	B1-CF-CP-042-20100521				ND																					
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-043-20100520				**12 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central West Concrete Floor	5/20/2010	B1-CF-CP-044-20100520				**1600 mg/kg Aroclor 1260**																					

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Building	Floor	Location & Description	Date	Sample I.D.	Wipe PCB Results	Paint PCB Results	Brick PCB Results	Concrete Floor PCB Results	CAM 17 Metals (TTLC (mg/kg) / TCLP (mg/kg) / STLC (mg/L)++																	VOCs	SVOCs	Pre-Sampling Lead Concentration (mg/cm2)+	Post-Sampling Lead Concentration (mg/cm2)+
									An	Ar	Ba	Be	Ca	Ch	Co	Cu	Pb	Hg	Mo	Ni	Se	Si	Th	Va	Zn				
Standards					*0.1 µg/cm 2*	*50 mg/kg*	*50 mg/kg*	*50 mg/kg*	*500 / 15*	*500 / 5*	*10000/ 100*	*75/ 0.75*	*100/ 1*	*500 / 5*	*8000 / 80*	*2500 / 25*	*1000 / 5*	*20 / 0.2*	*3500 / 350*	*2000 / 20*	*100 / 1*	*500 / 5*	*700 / 7*	*5000 / 24*	*2400 / 250*			*1.0 mg/cm 2*	*1.0 mg/cm 2*
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-045-20100520				**12 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-046-20100520				**62 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-047-20100520				ND																					
B1	1st	Shop Interior Central East Concrete Floor	5/21/2010	B1-CF-CP-048-20100521				**59 mg/kg Aroclor 1232 & 65 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central East Concrete Floor	5/21/2010	B1-CF-CP-049-20100521				**520 mg/kg Aroclor 1254 & 210 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central East Concrete Floor	5/21/2010	B1-CF-CP-050-20100521				1.5 mg/kg Aroclor 1254 & 0.98 mg/kg Aroclor 1260																					
B1	1st	Shop Interior Central East Concrete Floor	5/21/2010	B1-CF-CP-051-20100521				2.3 mg/kg Aroclor 1260																					
B1	1st	Shop Interior Central Concrete Floor	5/20/2010	B1-CF-CP-052-20100520				**280 mg/kg Aroclor 1260**																					
B1	1st	Shop Interior Central East Concrete Floor	5/21/2010	B1-CF-CP-053-20100521				**17 mg/kg Aroclor 1260**																					

Note: Items in shaded cells represent sampling results over the identified hazardous materials standards; item in bold type only are over the recycling standards
+ Paints with a lead content > 1.0 mg/cm2 are classified as HUD-defined LBPs requiring stabilization of loose and peeling paints prior to demolition and some limitations on recycling potential; full abatement is not deemed necessary
++Per Title 22 California Code of Regulations (CCR) 66261.24 whereby TTLC = Total Threshold Limit Concentration, TCLP = Toxicity Characteristic Leaching Procedures and STLC = Soluble Threshold Limit Concentration

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Building	Floor	Location & Description	Date	Sample I.D.	Wipe PCB Results	Paint PCB Results	Brick PCB Results	Concrete Floor PCB Results	CAM 17 Metals (TTLC (mg/kg) / STLC (mg/L)++																		Pre-Sampling Lead Concentration (mg/cm²)+	Post-Sampling Lead Concentration (mg/cm²)+
									An	Ar	Ba	Be	Ca	Ch	Co	Cu	Pb	Hg	Mo	Ni	Se	Si	Th	Va	Zn		
Standards					*0.1 µg/cm²*	*50 mg/kg*	*50 mg/kg*	*50 mg/kg*	*500 / 15*	*500 / 5*	*10000/ 100*	*75/ 0.75*	*100/ 1*	*500 / 5*	*8000 / 80*	*2500 / 25*	*1000 / 5*	*20 / 0.2*	*3500 / 350*	*2000 / 20*	*100 / 1*	*500 / 5*	*700 / 7*	*5000 / 24*	*2400 / 250*	*1.0 mg/cm²*	*1.0 mg/cm²*
B2	1st	Shop Northwest Perimeter Brick Wall	5/17/2010	B2-BW-WP-001-20100517	ND																							
B2	1st	Shop Northwest Perimeter Brick Wall w/Green Paints	5/17/2010	B2-BW-PP-001-20100517		**3.3 mg/kg Aroclor 1260**																				0.6 ± 0.1	0.26 ± 0.09
B2	1st	Shop Northwest Perimeter Brick Wall	5/17/2010	B2-BW-CP-001-20100517			**2.5 mg/kg Aroclor 1260**																				
B2	1st	Shop Exterior Northwest Perimeter Brick Wall w/No Paints	5/18/2010	B2-BW-CP-001-20100518-EX			ND																			0.01 ± 0.07	---
B2	1st	Shop Southwest Perimeter Brick Wall w/Green Paints	5/17/2010	B2-BW-PP-002-20100517		**8.1 mg/kg Aroclor 1260**																				0.18 ± 0.1	0.03 ± 0.12
B2	1st	Shop Southwest Perimeter Brick Wall	5/17/2010	B2-BW-CP-002-20100517			**1.4 mg/kg Aroclor 1260**																				
B2	1st	Shop Exterior Southwest Perimeter Brick Wall w/No Paints	5/18/2010	B2-BW-CP-002-20100518-EX			ND																			0.07 ± 0.21	---
B2	1st	Shop West Central Perimeter Brick Wall	5/17/2010	B2-BW-PP-003-20100517		**1.8 mg/kg Aroclor 1260**																				0.5 ± 0.01	0.08 ± 0.11
B2	1st	Shop West Central Perimeter Brick Wall	5/17/2010	B2-BW-CP-003-20100517			**1.2 mg/kg Aroclor 1260**																				
B2	1st	Shop Exterior West Central Perimeter Brick Wall w/Red & Brown Paints	5/18/2010	B2-BW-PP-003-20100518-EX																						0.4 ± 0.02	0.02 ± 0.07
B2	1st	Shop Exterior West Central Perimeter Brick Wall	5/18/2010	B2-BW-CP-003-20100518-EX			ND																				
B2	1st	Shop Interior Northwest Structural Steel Column	5/17/2010	B2-SS-WP-004-20100517-PRE	ND																						
B2	1st	Shop Interior Northwest Structural Steel Column	5/17/2010	B2-SS-WP-004-20100517-POST	0.011 µg/cm² Aroclor 1260																						
B2	1st	Shop Interior Northwest Structural Steel Column w/Green Paints	5/17/2010	B2-SS-PP-004-20100517		**16 mg/kg Aroclor 1260**			11 / /	5.4 / /	470 / /	ND / ND / ND	49 / /	**1900 mg/kg / 0.48 mg/L / 51 mg/L**	130 / /	83 / /	**18000 mg/kg / 45 mg/L / 850 mg/L**	ND / /	5.4 / /	14 / /	0.8 / /	1.2 / /	ND / /	7.4 / /	**26000 mg/kg / 160 mg/L / 510 mg/L**	1.3 ± 0.4	0.06 ± 0.07
B2	1st	Shop Interior South Central Structural Steel Column w/Green Paints	5/17/2010	B2-SS-PP-005-20100517		**29 mg/kg Aroclor 1260**																				2.3 ± 1.1	0.02 ± 0.04

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									An	Ar	Ba	Be	Ca	Ch	Co	Cu	Pb	Hg	Mo	Ni	Se	Si	Th	Va	Zn		
Standards					*0.1 µg/cm²*	*50 mg/kg*	*50 mg/kg*	*50 mg/kg*	*500 / 15*	*500 / 5*	*10000/ 100*	*75/ 0.75*	*100/ 1*	*500 / 5*	*8000 / 80*	*2500 / 25*	*1000 / 5*	*20 / 0.2*	*3500 / 350*	*2000 / 20*	*100 / 1*	*500 / 5*	*700 / 7*	*5000 / 24*	*2400 / 250*	*1.0 mg/cm²*	*1.0 mg/cm²*
B2	1st	Shop Interior Central Northeast Structural Steel Column w/Green Paints	5/17/2010	B2-SS-PP-006-20100517		**64 mg/kg Aroclor 1260**																				1.2 ± 0.4	0.02 ± 0.06
B2	1st	Shop Interior Central Southeast Structural Steel Column	5/17/2010	B2-SS-WP-007-20100517-PRE	ND																						
B2	1st	Shop Interior Central Southeast Structural Steel Column	5/17/2010	B2-SS-WP-007-20100517-POST	ND																						
B2	1st	Shop Interior Central Southeast Structural Steel Column w/Green Paints	5/17/2010	B2-SS-PP-007-20100517		**27 mg/kg Aroclor 1260**																				1.6 ± 0.5	0.14 ± 0.2
B2	1st	Shop Southeast Perimeter Brick Wall	5/18/2010	B2-BW-WP-008-20100518	ND																						
B2	1st	Shop Southeast Perimeter Brick Wall w/ Silver & Green Paints	5/18/2010	B2-BW-PP-008-20100518		**2.4 mg/kg Aroclor 1260**			120 / /	7 / /	1200 mg/kg / ND / ND	ND / /	18 mg/kg / ND / 0.36 mg/L	**2600 mg/kg / ND / 18 mg/L**	46 / /	49 / /	**12000 mg/kg / 0.57 mg/L / 110 mg/L**	5.6 mg/kg / ND / ND	ND / /	6.7 / /	ND / /	16 / /	ND / /	34 / /	**11000 mg/kg / 42 mg/L / 210 mg/L**	1.1 ± 0.2	0.03 ± 0.06
B2	1st	Shop Southeast Perimeter Brick Wall	5/18/2010	B2-BW-CP-008-20100518			**1.2 mg/kg Aroclor 1260**																				
B2	1st	Shop Exterior Southeast Perimeter Brick Wall w/Efflorescence & No Paints	5/18/2010	B2-BW-CP-008-20100518-EX			ND																			0.01 ± 0.02	---
B2	1st	Shop Northeast Perimeter Brick Wall	5/18/2010	B2-BW-PP-009-20100518		**8.3 mg/kg Aroclor 1260**																				0.4 ± 0.1	0.3 ± 0.1
B2	1st	Shop Northeast Perimeter Brick Wall	5/18/2010	B2-BW-CP-009-20100518			**1.6 mg/kg Aroclor 1260**																				
B2	1st	Shop Exterior Northeast Perimeter Brick Wall w/No Paints	5/18/2010	B2-BW-CP-009-20100518-EX			ND																			0.00 ± 0.02	---
B2	1st	Shop East Central Perimeter Brick Wall	5/18/2010	B2-BW-PP-010-20100518		**7.3 mg/kg Aroclor 1260**			110 /	10 / /	920 / /	ND / /	20 mg/kg / 0.069 mg/L / 0.34 mg/L	**1400 mg/kg / 0.41 mg/L / 16 mg/L**	30 / /	98 / /	**7200 mg/kg / 4.3 mg/L / 150 mg/L**	**24 mg/kg / ND / ND**	8.9 / /	10 / /	ND / /	ND / /	ND / /	100 / /	**8300 mg/kg / 35 mg/L / 130 mg/L**	0.7 ± 0.1	0.00 ± 0.1
B2	1st	Shop East Central Perimeter Brick Wall	5/18/2010	B2-BW-CP-010-20100518			**1.2 mg/kg Aroclor 1260**																				
B2	1st	Shop Exterior East Central Perimeter Brick Wall w/No Paints	5/18/2010	B2-BW-CP-010-20100518-EX			ND																			0.00 ± 0.02	---
B2	1st	Shop Perimeter Southeast Glass Window (Clear Glass)	5/18/2010	B2-GW-WP-011-20100518	ND																						
B2	1st	Shop Perimeter Northeast Glass Window (Clear Glass)	5/18/2010	B2-GW-WP-012-20100518	ND																						

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Building	Floor	Location & Description	Date	Sample I.D.	Wipe PCB Results	Paint PCB Results	Brick PCB Results	Concrete Floor PCB Results	CAM 17 Metals (TTLC (mg/kg) / STLC (mg/L)++																	Pre-Sampling Lead Concentration (mg/cm²)+	Post-Sampling Lead Concentration (mg/cm²)+
									An	Ar	Ba	Be	Ca	Ch	Co	Cu	Pb	Hg	Mo	Ni	Se	Si	Th	Va	Zn		
Standards					*0.1 µg/cm²*	*50 mg/kg*	*50 mg/kg*	*50 mg/kg*	*500 / 15*	*500 / 5*	*10000/ 100*	*75/ 0.75*	*100/ 1*	*500 / 5*	*8000 / 80*	*2500 / 25*	*1000 / 5*	*20 / 0.2*	*3500 / 350*	*2000 / 20*	*100 / 1*	*500 / 5*	*700 / 7*	*5000 / 24*	*2400 / 250*	*1.0 mg/cm²*	*1.0 mg/cm²*
B2	1st	Central Shop Crane with Yellow Paints	5/18/2010	B2-EQ-WP-013-20100518	ND																						
B2	1st	Central Shop Crane with Yellow Paints	5/18/2010	B2-EQ-PP-013-20100518		**2.4 mg/kg Aroclor 1260**																				2.2 ± 1.0	0.00 ± 0.02
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-013-20100521				ND																			
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-014-20100521				ND																			
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-015-20100521				**3.8 mg/kg Aroclor 1260**																			
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-016-20100521				ND																			
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-017-20100521				**3.4 mg/kg Aroclor 1260**																			
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-018-20100521				**1.3 mg/kg Aroclor 1260**																			
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-019-20100521				**3.4 mg/kg Aroclor 1260**																			
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-020-20100521				**1.5 mg/kg Aroclor 1260**																			
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-021-20100521				ND																			
B2	1st	Shop Interior Central Concrete Floor	5/21/2010	B2-CF-CP-022-20100521				ND																			
B2	1st	Shop Interior Central Concrete Floor	5/21/2010	B2-CF-CP-023-20100521				**23 mg/kg Aroclor 1260**																			
B2	1st	Shop Interior Central East Concrete Floor	5/21/2010	B2-CF-CP-024-20100521				ND																			
B2	1st	Shop Interior Central Concrete Floor	5/21/2010	B2-CF-CP-025-20100521				ND																			
B2	1st	Shop Interior Central Concrete Floor	5/21/2010	B2-CF-CP-026-20100521				ND																			
B2	1st	Shop Interior Central Concrete Floor	5/21/2010	B2-CF-CP-027-20100521				ND																			
B2	1st	Shop Interior Central West Concrete Floor	5/21/2010	B2-CF-CP-028-20100521				ND																			
B2	1st	Shop Interior Central West Concrete Floor	5/21/2010	B2-CF-CP-029-20100521				ND																			
B2	1st	Shop Interior Central West Concrete Floor	`	B2-CF-CP-030-20100521				**1.1 mg/kg Aroclor 1260**																			

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Building	Floor	Location & Description	Date	Sample I.D.	Wipe PCB Results	Paint PCB Results	Brick PCB Results	Concrete Floor PCB Results	CAM 17 Metals (TTLC (mg/kg) / STLC (mg/L)++																		Pre-Sampling Lead Concentration (mg/cm²)+	Post-Sampling Lead Concentration (mg/cm²)+
									An	Ar	Ba	Be	Ca	Ch	Co	Cu	Pb	Hg	Mo	Ni	Se	Si	Th	Va	Zn		
Standards					***0.1 µg/cm²***	***50 mg/kg***	***50 mg/kg***	***50 mg/kg***	***500 / 15***	***500 / 5***	***10000/ 100***	***75/ 0.75***	***100/ 1***	***500 / 5***	***8000 / 80***	***2500 / 25***	***1000 / 5***	***20 / 0.2***	***3500 / 350***	***2000 / 20***	***100 / 1***	***500 / 5***	***700 / 7***	***5000 / 24***	***2400 / 250***	***1.0 mg/cm²***	***1.0 mg/cm²***
B2	1st	Shop Interior Central West Concrete Floor	5/21/2010	B2-CF-CP-031-20100521				ND																			
B2	1st	Shop Interior Central West Concrete Floor	5/21/2010	B2-CF-CP-032-20100521				ND																			

Note: Items in shaded cells represent sampling results over the identified hazardous materials standards; item in bold type only are over the recycling standards
+ Paints with a lead content > 1.0 mg/cm2 are classified as HUD-defined LBPs requiring stabilization of loose and peeling paints prior to demolition and some limitations on recycling potential; full abatement is not deemed necessary
++Per Title 22 California Code of Regulations (CCR) 66261.24 whereby TTLC = Total Threshold Limit Concentration, TCLP = Toxicity Characteristic Leaching Procedures and STLC = Soluble Threshold Limit Concentration

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Building	Floor	Location & Description	Date	Sample I.D.	CMU PCB Results	Concrete Floor PCBs
B8	1st	Unpainted North CMU Perimeter Wall	5/18/2010	B8-CW-CP-001-20100518	**1.1 mg/kg Aroclor 1260**	
B8	1st	Unpainted West CMU Perimeter Wall w/Efflorescence	5/18/2010	B8-CW-CP-002-20100518	0.96 mg/kg Aroclor 1260	
B8	1st	Shop Interior South Concrete Floor	5/24/2010	B8-CF-CP-003-20100524		ND
B8	1st	Shop Interior North Concrete Floor	5/24/2010	B8-CF-CP-004-20100524		ND

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Building	Floor	Location & Description	Date	Sample I.D.	Timber PCB Results	VOCs	SVOCs	Concrete Floor PCBs
B17	1st	Canopy Round Timber Post @ Northeast	5/18/2010	B17-WS-CP-001-20100518	ND	**0.013 mg/kg Naphthalene**	**6300 mg/kg Pentachlorophenol**	
B17	1st	Canopy Round Timber Post @ Southeast	5/18/2010	B17-WS-CP-002-20100518	ND	**0.0024 mg/kg Naphthalene**	**4400 mg/kg Pentachlorophenol**	
B17	1st	Canopy Round Timber Post @ Center	5/18/2010	B17-WS-CP-003-20100518	ND	**0.022 mg/kg Naphthalene, 0.0062 mg/kg 4-Methyl-2-pentanone & 0.00064 mg/kg Xylenes**	**5600 mg/kg Pentachlorophenol**	
B17	1st	Canopy Round Timber Post @ Northwest	5/18/2010	B17-WS-CP-004-20100518	ND	**0.024 mg/kg Naphthalene**	**5900 mg/kg Pentachlorophenol**	
B17	1st	Canopy Round Timber Post @ Southwest	5/18/2010	B17-WS-CP-005-20100518	ND	**0.0048 mg/kg 4-Isopropyl Toluene & 0.0052 mg/kg Toluene**	ND	
B17	1st	Shop Interior East Concrete Floor	5/21/2010	B17-CF-CP-006-20100521				ND
B17	1st	Shop Interior Central Concrete Floor	5/21/2010	B17-CF-CP-007-20100521				ND
B17	1st	Shop Interior West Concrete Floor	5/21/2010	B17-CF-CP-008-20100521				ND

Note: Items in shaded cells represent sampling results over the identified hazardous materials standards;
item in bold type only are over the recycling standards

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Building	Floor	Location & Description	Date	Sample I.D.	Concrete Floor PCBs
Standards					***50 mg/kg***
B18	1st	Interior Shop South Concrete Floor	5/24/2010	B18-CF-CP-001-20100524	ND
B18	1st	Interior Shop South Concrete Floor	5/24/2010	B18-CF-CP-002-20100524	**12 mg/kg Aroclor 1260**

Note: Items in shaded cells represent sampling results over the identified hazardous materials standards; item in bold type only are over the recycling standards

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Building	Floor	Location & Description	Date	Sample I.D.	Paint PCB Results	Concrete Floor PCBs	Pre-Sampling Lead Concentration (mg/cm^2)	Post-Sampling Lead Concentration (mg/cm^2)
B20	1st	Beige Paints on North Slide Door Steel Framing	05/18/10	B20-SS-PP-001-20100518	**5.9 mg/kg Aroclor 1260**		0.06 ± 0.11	0.04 ± 0.12
B20	1st	Shop Interior South Concrete Floor	05/24/10	B20-CF-CP-002-20100524		0.56 mg/kg Aroclor 1260		
B20	1st	Shop Interior North Concrete Floor	05/24/10	B20-CF-CP-003-20100524		**3.6 mg/kg Aroclor 1260**		

Note: Items in shaded cells represent sampling results over the identified hazardous materials standards;
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SCA. PROJECT NO. K-9866

						CAM 17 Metals (TTLC (mg/kg) / STLC (mg/L)++																		
Building	**Floor**	**Location & Description**	**Date**	**Sample I.D.**	**Paint PCB Results**	**An**	**Ar**	**Ba**	**Be**	**Ca**	**Ch**	**Co**	**Cu**	**Pb**	**Hg**	**Mo**	**Ni**	**Se**	**Si**	**Th**	**Va**	**Zn**	**Pre-Sampling Lead Concentration (mg/cm^2)**	**Post-Sampling Lead Concentration (mg/cm^2)**
Standards					***50 mg/kg***	***500 / 15***	***500 / 5***	***10000 /100***	***75/ 0.75***	***100/ 1***	***500 / 5***	***8000 / 80***	***2500 / 25***	***1000 / 5***	***20 / 0.2***	***3500 / 350***	***2000 / 20***	***100 / 1***	***500 / 5***	***700 / 7***	***5000 / 24***	***2400 / 250***	***1 mg/cm^2***	***1 mg/cm^2***
Tank	1st	Tank with Silver and Orange Paints	05/18/10	TK-MW-PP-001-20100518	**3.3 mg/kg Aroclor 1260**	ND / /	11 / /	3900 mg/kg / ND / 1.5 mg/L	ND / /	ND / /	**2800 mg/kg / 0.67 mg/L / 64 mg/L**	160 / /	55 / /	**46000 mg/kg / 63 mg/L / 2700 mg/L**	ND / /	ND / /	25 / /	ND / /	ND / /	ND / /	10 / /	1100 / /	0.9 ± 0.1	0.04 ± 0.05
Yard	1st	Yard bolster with Faded Red Paints	05/18/10	YD-EQ-PP-001-20100518	ND																		0.03 ± 0.06	0.00 ± 0.02
Yard	1st	Yard Safety Rails with Yellow Paints	05/18/10	YD-EQ-PP-002-20100518	0.99 mg/kg Aroclor 1260																		2.0 ± 0.7	0.00 ± 0.02

Note: Items in shaded cells represent sampling results over the identified hazardous materials standards;
item in bold type only are over the recycling standards

Appendix D

Core and Wipe Sampling Locations

54TH AVENUE

EAST 12TH STREET

INTERNATIONAL BOULEVARD

FORMER BUILDING 9

FORMER BUILDING 6

BUILDING 4

BUILDING 1

SECONDARY CONTAINMENT

GRAVEL FILLED PIT

SUMP

GRAVEL FILLED PITS

LOWER AREA

OFFICE AREA

BUILDING 2

SECONDARY CONTAINMENT

SUMP

SUMP

BUILDING 8

BUILDING 20

BUILDING 18

BUILDING 21

WATER TANK

BUILDING 17

B1-001 B1-002 B1-003 B1-004 B1-005 B1-006 B1-007 B1-008 B1-009 B1-010 B1-011 B1-012

B2-001 B2-002 B2-003 B2-004 B2-005 B2-006 B2-007 B2-008 B2-009 B2-010 B2-011 B2-012 B2-013

B8-001 B8-002

YD-001 YD-002

B20-001

TK001

B17-001 B17-002 B17-003 B17-004 B17-005

CONFIDENTIAL

100 50 0 100 Feet

Proposed Wall, Structural Support, and Equipment Sampling Locations

5441 International Boulevard
Oakland, California

Geosyntec consultants

San Diego | May 2010

Figure

Legend

- Proposed Wall Sampling Location
- Proposed Support Structure Sampling Location
- Arcadis Sampling Location
- Former Building
- Existing Building

Data Source: ARCADIS, 2009. Draft Phase I Building Assessment Report. Prepared for General Electric, January 2009.

54TH AVENUE

EAST 12TH STREET

INTERNATIONAL BOULEVARD

FORMER BUILDING 9

FORMER BUILDING 6

BUILDING 4

BUILDING 2

BUILDING 1

BUILDING 8

BUILDING 20

BUILDING 18

BUILDING 21

BUILDING 17

WATER TANK

GRAVEL FILLED PIT

LOWER AREA

SECONDARY CONTAINMENT

SUMP

GRAVEL FILLED PITS

OFFICE AREA

CONFIDENTIAL

100 50 0 100 Feet

Legend

- Proposed Sampling Location
- Arcadis Sampling Location
- Former Building
- Existing Building

Data Source: ARCADIS, 2009. Draft Phase I Building Assessment Report. Prepared for General Electric, January 2009.

Proposed Concrete Core Sampling Locations

5441 International Boulevard
Oakland, California

Geosyntec consultants

San Diego | May 2010

Figure

Appendix E

McCampbell Analytical Inc.'s Lab Reports

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Reported: 05/24/10
Oakland, CA 94612	Client P.O.:	Date Completed: 05/24/10

WorkOrder: 1005380

May 24, 2010

Dear Glenn:

Enclosed within are:

1) The results of the **22** analyzed samples from your project: **#K-9866,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

SCA Environmental, Inc.

Chain of Custody

Page____of____

1005380

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
Glenn Cass	K-9866	(510) 267-2723	5/14/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
	McCAMPBELL		SCA

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	CAM-17									Instructions/Remarks
05/14/10	10:05	B1-BW-WP-001-20100514		WI	1	GL	X										1.8±0.7 Pb / 0.0+0.02 Pb
05/14/10	10:22	B1-BW-PP-001-20100514		PA	1	GL	X										
05/14/10	10:28	B1-BW-CP-001-20100514		BR	1	GL	X										
05/14/10	10:49	B1-BW-WP-002-20100514		WI	1	GL	X										.3±.1 Pb / .05±.06 Pb
05/14/10	10:58	B1-BW-PP-002-20100514		PA	1	GL	X										
05/14/10	11:02	B1-BW-CP-002-20100514		BR	1	GL	X										
05/14/10	11:17	B1-BW-PP-003-20100514		PA	1	GL	X										.22±.24 Pb / 0.02±0.02 Pb
05/14/10	11:22	B1-BW-CP-003-20100514		BR	1	GL	X										
05/14/10	11:42	B1-BW-PP-004-20100514		PA	1	GL	X										.13±.06 Pb / .01+.02 Pb
05/14/10	11:42	B1-BW-PP-004-20100514		PA	1	GL		X									
05/14/10	11:47	B1-BW-CP-004-20100514		BR	1	GL	X										
05/14/10	12:03	B1-BW-PP-005-20100514		PA	1	GL	X										1.3±0.3 Pb / .14±0.07 Pb
05/14/10	12:06	B1-BW-CP-005-20100514		BR	1	GL	X										
05/14/10	12:21	B1-BW-PP-006-20100514		PA	1	GL	X										1.3±1.5 Pb / 0.00±0.02 Pb
05/14/10	12:24	B1-BW-CP-006-20100514		BR	1	GL	X										
05/14/10	12:40	B1-SS-WP-007-20100514		WI	1	GL	X										4.7±2.4 Pb
~~05/14/10~~		~~B1-SS-PP-007-20100514~~		~~PA~~	1	GL	X		Void.								
																	Total for Each Analysis

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	5/14/10 2:22pm	[signature]	5/14/10 4:12pm
Relinquished by:	Date/Time	Received by:	
Relinquished by:	Date/Time	Received by:	

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: Glenn Cass

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

ICE / t° 4.4°C
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION VOAS | O & G | METALS | OTHER

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002373

SCA

Environmental, Inc.

Chain of Custody

SCA Contact: Glenn Cass
Project Name/Number: K-9816
Contact Phone/Pager No.: (510) 267-2723
Date Shipped: 5/14/10
Sampler: (Sign)
Laboratory: McCAMPBELL
Carrier:

ANALYSIS/METHOD NUMBER

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082 PCBs	CAM 17									Instructions/Remarks
5/14/10	1254	B-SS-PP-008-20100514		PA	1	GL	X										4.0±1.3Pb / 1.4±0.3Pb
5/14/10	13:11	B1-SS-PP-009-20100514		PA	1	GL	X										2.2±0.9 Pb /
5/14/10	13:07	B1-SS-WP-009-20100514-PRE		WI	1	GL	X										Pre-Wipe
5/14/10	13:11	B1-SS-WP-009-20100514-POST		WI	1	GL	X										Post Wipe
5/14/10	1326	B1-SS-PP-010-20100514		PA	1	GL	X										3.3±1.5Pb /
5/14/10	13:26	B1-SS-PP-010-20100514		PA	1	GL		X									
(*) 5/14/10	13:30	QC-EB-1 #2 *		W	2	GL	X										
5/14/10	1357	TEMP BLANK		W	1	CL	NA	NA									

Relinquished by: [signature] Date/Time: 5/14/10 2:22pm Received by: [signature] 5/14 2:22pm
Relinquished by: Date/Time: Received by:
Relinquished by: Date/Time: Received by:

Total for Each Analysis

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: Glenn Cass

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002374

* QC-EB-1 + 2 are 2 separate samples per email 5/18/10

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005380 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/14/2010
Date Printed: 05/18/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005380-001	B1-BW-WP-001-20100514	Wipe	5/14/2010 10:05	☐				A								
1005380-002	B1-BW-PP-001-20100514	Paint Chips	5/14/2010 10:22	☐	A											
1005380-003	B1-BW-CP-001-20100514	Solid	5/14/2010 10:28	☐		A										
1005380-004	B1-BW-WP-002-20100514	Wipe	5/14/2010 10:49	☐				A								
1005380-005	B1-BW-PP-002-20100514	Paint Chips	5/14/2010 10:58	☐	A											
1005380-006	B1-BW-CP-002-20100514	Solid	5/14/2010 11:02	☐		A										
1005380-007	B1-BW-PP-003-20100514	Paint Chips	5/14/2010 11:17	☐	A											
1005380-008	B1-BW-CP-003-20100514	Solid	5/14/2010 11:22	☐		A										
1005380-009	B1-BW-PP-004-20100514	Paint Chips	5/14/2010 11:42	☐	A				B							
1005380-010	B1-BW-CP-004-20100514	Solid	5/14/2010 11:47	☐		A										
1005380-011	B1-BW-PP-005-20100514	Paint Chips	5/14/2010 12:03	☐	A											
1005380-012	B1-BW-CP-005-20100514	Solid	5/14/2010 12:06	☐		A										
1005380-013	B1-BW-PP-006-20100514	Paint Chips	5/14/2010 12:21	☐	A											
1005380-014	B1-BW-CP-006-20100514	Solid	5/14/2010 12:24	☐		A										

Test Legend:

1	8082A_PCB_Chip	2	8082A_PCB_Solid	3	8082A_PCB_W	4	8082A_PCB_WI	5	CAM17MS_Chip
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005380 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/14/2010
Date Printed: 05/18/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005380-015	B1-SS-WP-007-20100514	Wipe	5/14/2010 12:40	☐				A								
1005380-016	B1-SS-PP-008-20100514	Paint Chips	5/14/2010 12:54	☐	A											
1005380-017	B1-SS-PP-009-20100514	Paint Chips	5/14/2010 13:11	☐	A											
1005380-018	B1-SS-WP-009-Pre	Wipe	5/14/2010 13:07	☐				A								
1005380-019	B1-SS-WP-009-Post	Wipe	5/14/2010 13:11	☐				A								
1005380-020	B1-SS-PP-010-20100514	Paint Chips	5/14/2010 13:26	☐	A				B							
1005380-021	QC-EB-1	Water	5/14/2010 13:30	☐			A									
1005380-022	QC-EB-2	Water	5/14/2010 13:30	☐			A									

Test Legend:

1	8082A_PCB_Chip	2	8082A_PCB_Solid	3	8082A_PCB_W	4	8082A_PCB_WI	5	CAM17MS_Chip
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **SCA Enviromental, Inc.** Date and Time Received: **5/14/2010 7:00:12 PM**

Project Name: **#K-9866** Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **1005380** Matrix Paint Chips/Solid/Water/Wipe Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☑	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments: Zero headspace N/A to wipes.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/14/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10-05/21/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005380

Lab ID	1005380-002A	1005380-005A	1005380-007A	1005380-009A	Reporting Limit for DF =1	
Client ID	B1-BW-PP-001-20100514	B1-BW-PP-002-20100514	B1-BW-PP-003-20100514	B1-BW-PP-004-20100514		
Matrix	C	C	C	C		
DF	5	5	1	5	C	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<2.5	ND<2.5	ND<0.50	ND<2.5	0.05	NA
Aroclor1221	ND<2.5	ND<2.5	ND<0.50	ND<2.5	0.05	NA
Aroclor1232	ND<2.5	ND<2.5	ND<0.50	ND<2.5	0.05	NA
Aroclor1242	ND<2.5	ND<2.5	ND<0.50	ND<2.5	0.05	NA
Aroclor1248	ND<2.5	ND<2.5	ND<0.50	ND<2.5	0.05	NA
Aroclor1254	ND<2.5	ND<2.5	ND<0.50	ND<2.5	0.05	NA
Aroclor1260	7.6	8.2	4.2	13	0.05	NA
PCBs, total	7.6	8.2	4.2	13	0.05	NA
Surrogate Recoveries (%)						
%SS:	103	111	86	101		
Comments	h4	h4	h4	h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/14/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10-05/21/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005380

Lab ID	1005380-011A	1005380-013A	1005380-016A	1005380-017A	Reporting Limit for DF =1	
Client ID	B1-BW-PP-005-20100514	B1-BW-PP-006-20100514	B1-SS-PP-008-20100514	B1-SS-PP-009-20100514		
Matrix	C	C	C	C		
DF	5	10	20	20	C	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<2.5	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1221	ND<2.5	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1232	ND<2.5	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1242	ND<2.5	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1248	ND<2.5	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1254	ND<2.5	ND	ND<10	ND<10	0.05	NA
Aroclor1260	9.5	18	28	72	0.05	NA
PCBs, total	9.5	18	28	72	0.05	NA
Surrogate Recoveries (%)						
%SS:	109	99	115	---#		
Comments	h4	h4	h4	h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/14/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10-05/21/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005380

Lab ID	1005380-020A				Reporting Limit for DF =1	
Client ID	B1-SS-PP-010-20100514					
Matrix	C					
DF	10				C	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<5.0				0.05	NA
Aroclor1221	ND<5.0				0.05	NA
Aroclor1232	ND<5.0				0.05	NA
Aroclor1242	ND<5.0				0.05	NA
Aroclor1248	ND<5.0				0.05	NA
Aroclor1254	ND<5.0				0.05	NA
Aroclor1260	18				0.05	NA
PCBs, total	18				0.05	NA
Surrogate Recoveries (%)						
%SS:	114					
Comments	h4					

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/14/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005380

Lab ID	1005380-003A	1005380-006A	1005380-008A	1005380-010A	Reporting Limit for DF =1	
Client ID	B1-BW-CP-001-20100514	B1-BW-CP-002-20100514	B1-BW-CP-003-20100514	B1-BW-CP-004-20100514		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	ND<0.50	1.2	ND<0.50	ND<0.50	0.05	NA
PCBs, total	ND<0.50	1.2	ND<0.50	ND<0.50	0.05	NA
Surrogate Recoveries (%)						
%SS:	84	86	86	86		
Comments	a14,h4	h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/14/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005380

Lab ID	1005380-012A	1005380-014A			Reporting Limit for DF =1	
Client ID	B1-BW-CP-005-20100514	B1-BW-CP-006-20100514				
Matrix	S	S				
DF	1	1			S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50			0.05	NA
Aroclor1221	ND<0.50	ND<0.50			0.05	NA
Aroclor1232	ND<0.50	ND<0.50			0.05	NA
Aroclor1242	ND<0.50	ND<0.50			0.05	NA
Aroclor1248	ND<0.50	ND<0.50			0.05	NA
Aroclor1254	ND<0.50	ND<0.50			0.05	NA
Aroclor1260	0.73	ND<0.50			0.05	NA
PCBs, total	0.73	ND<0.50			0.05	NA
Surrogate Recoveries (%)						
%SS:	84	84				
Comments	h4	a14,h4				

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/14/10-05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3510C Analytical Method: SW8082 Work Order: 1005380

Lab ID	1005380-021A	1005380-022A			Reporting Limit for DF =1	
Client ID	QC-EB-1	QC-EB-2				
Matrix	W	W				
DF	1	1			S	W
Compound	**Concentration**				ug/kg	µg/L
Aroclor1016	ND	ND			NA	0.5
Aroclor1221	ND	ND			NA	0.5
Aroclor1232	ND	ND			NA	0.5
Aroclor1242	ND	ND			NA	0.5
Aroclor1248	ND	ND			NA	0.5
Aroclor1254	ND	ND			NA	0.5
Aroclor1260	ND	ND			NA	0.5
PCBs, total	ND	ND			NA	0.5
Surrogate Recoveries (%)						
%SS:	95	85				
Comments						

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

DHS ELAP Certification 1644

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/14/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/20/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005380

Lab ID	1005380-001A	1005380-004A	1005380-015A	1005380-018A	Reporting Limit for DF =1	
Client ID	B1-BW-WP-001-20100514	B1-BW-WP-002-20100514	B1-SS-WP-007-20100514	B1-SS-WP-009-Pre		
Matrix	Wipe	Wipe	Wipe	Wipe		
DF	1	1	1	1	Wipe	W
Compound	**Concentration**				µg/wipe	ug/L
Aroclor1016	ND	ND	ND	ND	0.5	NA
Aroclor1221	ND	ND	ND	ND	0.5	NA
Aroclor1232	ND	ND	ND	ND	0.5	NA
Aroclor1242	ND	ND	ND	ND	0.5	NA
Aroclor1248	ND	ND	ND	ND	0.5	NA
Aroclor1254	ND	ND	ND	ND	0.5	NA
Aroclor1260	ND	ND	ND	1.5	0.5	NA
PCBs, total	ND	ND	ND	1.5	0.5	NA
Surrogate Recoveries (%)						
%SS:	91	93	82	103		
Comments	h4	h4	h4	h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/14/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/20/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005380

Lab ID	1005380-019A				Reporting Limit for DF =1	
Client ID	B1-SS-WP-009-Post					
Matrix	Wipe					
DF	1				Wipe	W
Compound	**Concentration**				µg/wipe	ug/L
Aroclor1016	ND				0.5	NA
Aroclor1221	ND				0.5	NA
Aroclor1232	ND				0.5	NA
Aroclor1242	ND				0.5	NA
Aroclor1248	ND				0.5	NA
Aroclor1254	ND				0.5	NA
Aroclor1260	4.5				0.5	NA
PCBs, total	4.5				0.5	NA

Surrogate Recoveries (%)

%SS:	95				
Comments	h4				

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h4) sulfuric acid permanganate (EPA 3665) cleanup

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/14/10
Oakland, CA 94612	Client P.O.:	Date Analyzed 05/17/10-05/24/10

CAM / CCR 17 Metals*

Lab ID	1005380-009B	1005380-020B			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B1-BW-PP-004-20100514	B1-SS-PP-010-20100514				
Matrix	C	C			C	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 1005380

Dilution Factor	1	100			1	1
Antimony	6.0	ND<50			0.5	NA
Arsenic	3.8	ND<50			0.5	NA
Barium	3000	2400			5.0	NA
Beryllium	ND	ND<50			0.5	NA
Cadmium	7.1	ND<25			0.25	NA
Chromium	80	93			0.5	NA
Cobalt	200	300			0.5	NA
Copper	100	130			0.5	NA
Lead	1400	49,000			0.5	NA
Mercury	0.99	ND<5.0			0.05	NA
Molybdenum	5.7	ND<50			0.5	NA
Nickel	35	ND<50			0.5	NA
Selenium	ND	ND<50			0.5	NA
Silver	2.1	ND<50			0.5	NA
Thallium	ND	ND<50			0.5	NA
Vanadium	96	ND<50			0.5	NA
Zinc	14,000	51,000			5.0	NA
%SS:	130	109				
Comments		a16				

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid/paint chip samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

a16) reporting limit raised due to high metals content

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Wipe/Paint Chips/Solid QC Matrix: Soil BatchID: 50570 WorkOrder 1005380

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	124	125	0.422	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	107	106	1.03	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50570 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005380-001A	05/14/10 10:05 AM	05/14/10	05/20/10 7:57 AM	1005380-002A	05/14/10 10:22 AM	05/14/10	05/20/10 9:56 PM
1005380-003A	05/14/10 10:28 AM	05/14/10	05/19/10 12:53 AM	1005380-004A	05/14/10 10:49 AM	05/14/10	05/20/10 7:02 AM
1005380-005A	05/14/10 10:58 AM	05/14/10	05/20/10 10:52 PM	1005380-006A	05/14/10 11:02 AM	05/14/10	05/19/10 1:48 AM
1005380-007A	05/14/10 11:17 AM	05/14/10	05/19/10 8:11 AM	1005380-008A	05/14/10 11:22 AM	05/14/10	05/19/10 2:42 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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JR QA/QC Officer

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Wipe/Paint Chips/Solid QC Matrix: Soil BatchID: 50683 WorkOrder 1005380

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	122	120	1.37	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	98	97	0.943	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50683 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005380-009A	05/14/10 11:42 AM	05/14/10	05/20/10 11:48 PM	1005380-010A	05/14/10 11:47 AM	05/14/10	05/19/10 3:37 AM
1005380-011A	05/14/10 12:03 PM	05/14/10	05/21/10 1:29 PM	1005380-012A	05/14/10 12:06 PM	05/14/10	05/19/10 4:32 AM
1005380-013A	05/14/10 12:21 PM	05/14/10	05/21/10 12:45 PM	1005380-014A	05/14/10 12:24 PM	05/14/10	05/19/10 5:26 AM
1005380-015A	05/14/10 12:40 PM	05/14/10	05/20/10 8:52 AM	1005380-016A	05/14/10 12:54 PM	05/14/10	05/21/10 1:41 PM
1005380-017A	05/14/10 1:11 PM	05/14/10	05/21/10 2:37 PM	1005380-018A	05/14/10 1:07 PM	05/14/10	05/20/10 5:13 AM
1005380-019A	05/14/10 1:11 PM	05/14/10	05/20/10 6:08 AM	1005380-020A	05/14/10 1:26 PM	05/14/10	05/21/10 2:26 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 50668 WorkOrder 1005380

EPA Method SW8082 **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	3.75	N/A	N/A	N/A	120	122	1.71	N/A	N/A	70 - 130	20
%SS:	N/A	1.25	N/A	N/A	N/A	96.9	94.2	2.79	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50668 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005380-021A	05/14/10 1:30 PM	05/14/10	05/19/10 8:06 PM	1005380-022A	05/14/10 1:30 PM	05/18/10	05/19/10 5:20 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Paint Chips QC Matrix: Soil WorkOrder 1005380

EPA Method 6020A **Extraction SW3050B** **BatchID: 50671** **Spiked Sample ID: 1005361-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	ND	50	98.7	100	1.36	10	101	98.8	2.28	75 - 125	20	75 - 125	20
Arsenic	1.1	50	94.9	97.9	3.11	10	104	99.7	4.29	75 - 125	20	75 - 125	20
Barium	17	500	97.5	99.5	1.98	100	99.2	96	3.26	75 - 125	20	75 - 125	20
Beryllium	0.55	50	97.5	99.4	1.95	10	107	102	4.49	75 - 125	20	75 - 125	20
Cadmium	ND	50	95.7	97.6	1.92	10	102	97.3	4.45	75 - 125	20	75 - 125	20
Chromium	39	50	81.2	85.1	2.46	10	106	103	3.45	75 - 125	20	75 - 125	20
Cobalt	26	50	91.8	96	2.85	10	110	105	4.66	75 - 125	20	75 - 125	20
Copper	100	50	78	88.2	3.60	10	108	104	4.26	75 - 125	20	75 - 125	20
Lead	1.6	50	83.5	87.3	4.31	10	100	97.1	3.35	75 - 125	20	75 - 125	20
Mercury	ND	1.25	96.4	102	5.47	0.25	92.8	88.7	4.54	75 - 125	20	75 - 125	20
Molybdenum	0.82	50	96.6	98.2	1.58	10	101	95.5	5.08	75 - 125	20	75 - 125	20
Nickel	55	50	85.5	93.8	4.19	10	100	97.4	3.01	75 - 125	20	75 - 125	20
Selenium	ND	50	93.3	98	4.90	10	104	99.2	4.90	75 - 125	20	75 - 125	20
Silver	ND	50	92.9	93.9	1.13	10	102	98.9	3.31	75 - 125	20	75 - 125	20
Thallium	ND	50	77.7	81.6	4.90	10	97.6	94.7	3.03	75 - 125	20	75 - 125	20
Vanadium	180	50	NR	NR	NR	10	107	104	2.46	75 - 125	20	75 - 125	20
Zinc	97	500	92.9	97.1	3.64	100	105	102	3.18	75 - 125	20	75 - 125	20
%SS:	108	250	102	105	3.63	250	108	104	3.71	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50671 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005380-009B	05/14/10 11:42 AM	05/14/10	05/17/10 6:12 PM	1005380-009B	05/14/10 11:42 AM	05/14/10	05/18/10 7:56 PM
1005380-020B	05/14/10 1:26 PM	05/14/10	05/18/10 8:05 PM	1005380-020B	05/14/10 1:26 PM	05/14/10	05/24/10 2:26 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

_____ QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Reported: 06/04/10
Oakland, CA 94612	Client P.O.:	Date Completed: 06/04/10

WorkOrder: 1005380 A

June 04, 2010

Dear Glenn:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#K-9866,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

SCA Environmental, Inc.

Chain of Custody

Page____of____

1005380

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
Glenn Cass	K-9866	(510) 267-2723	5/14/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
	McCAMPBELL		SCA

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	CAM-17	STLC Ba,Cr Pb,Zn	TCLP Ba,Cr Pb,Zn	5/25/10 5day					Instructions/Remarks
05/14/10	10:05	BI-BW-WP-001-20100514		WI	1	GL	X									1.8±0.7 Pb / 0.0±0.02 Pb
05/14/10	10:22	BI-BW-PP-001-20100514		PA	1	GL	X									
05/14/10	10:28	BI-BW-CP-001-20100514		BR	1	GL	X									
05/14/10	10:49	BI-BW-WP-002-20100514		WI	1	GL	X									.3±.1 Pb / .05±.06 Pb
05/14/10	10:58	BI-BW-PP-002-20100514		PA	1	GL	X									
05/14/10	11:02	BI-BW-CP-002-20100514		BR	1	GL	X									
05/14/10	11:17	BI-BW-PP-003-20100514		PA	1	GL	X									.22±.14 Pb / 0.02±0.02 Pb
05/14/10	11:22	BI-BW-CP-003-20100514		BR	1	GL	X									
05/14/10	11:42	BI-BW-PP-004-20100514		PA	1	GL	X		X	X						.13±.06 Pb / .01±.02 Pb
05/14/10	11:42	BI-BW-PP-004-20100514		PA	1	GL		X								
05/14/10	11:47	BI-BW-CP-004-20100514		BR	1	GL	X									
05/14/10	12:03	BI-BW-PP-005-20100514		PA	1	GL	X									1.3±0.3 Pb / .14±0.07 Pb
05/14/10	12:06	BI-BW-CP-005-20100514		BR	1	GL	X									
05/14/10	12:21	BI-BW-PP-006-20100514		PA	1	GL	X									1.3±1.5 Pb / 0.00±0.02 Pb
05/14/10	12:24	BI-BW-CP-006-20100514		BR	1	GL	X									
05/14/10	12:40	BI-SS-WP-007-20100514		WI	1	GL	X									4.7±2.4 Pb
~~05/14/10~~		~~BI-SS-PP-007-20100514~~		PA	1	GL	X		Void.							
																Total for Each Analysis

Relinquished by:	Date/Time	Received by:
[signature]	5/14/10 2:22pm	[signature] 5/14/10 4:12pm
Relinquished by:	Date/Time	Received by:
Relinquished by:	Date/Time	Received by:

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: Glenn Cass

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

ICE / t° 44°C
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS ✓
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION VOAS | O & G | METALS | OTHER

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002373

SCA Environmental, Inc.

Chain of Custody

SCA Contact: Glenn Cass
Project Name/Number: K-986
Contact Phone/Pager No.: (510) 267-2723
Date Shipped: 5/14/10
Sampler: (Sign): [signature]
Laboratory: McCAMPBELL
Carrier:

ANALYSIS/METHOD NUMBER

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082 PCBs	CAM 17	STLC Ba, Cr, Pb, Zn	TCLP Ba, Cr, Pb, Zn	5/25/10 5day					Instructions/Remarks
5/14/10	1254	B1-SS-PP-008-20100514		PA	1	GL	X									4.0±1.3Pb / 14±0.3Pb
5/14/10	13:11	B1-SS-PP-009-20100514		PA	1	GL	X									2.2±0.9 Pb /
5/14/10	13:07	B1-SS-WP-009-20100514 PRE		WI	1	GL	X									Pre-Wipe
5/14/10	13:11	B1-SS-WP-009-20100514 POST		WI	1	GL	X									Post Wipe
5/14/10	1326	B1-SS-PP-010-20100514		PA	1	GL	X		~~X~~	~~X~~						3.3±1.5Pb/
5/14/10	13:26	B1-SS-PP-010-20100514		PA	1	GL		X								
(*) 5/14/10	13:30	QC-EB-1#2 *		W	2	GL	X									
5/14/10	1357	TEMP BLANK		W	1	CL	NA	NA								
																Total for Each Analysis

Relinquished by: [signature] Date/Time 5/14/10 2:22pm Received by: [signature] 5/14 4:40pm
Relinquished by: Date/Time Received by:
Relinquished by: Date/Time Received by:

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: Glenn Cass

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:
SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002374

* QC-EB-1 + 2 are 2 separate samples per email 5/18/10

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 100538 A **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 645-6200 FAX (510) 839- 6200

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days
Date Received: 05/14/2010
Date Add-On: 05/25/2010
Date Printed: 05/25/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005380-009	B1-BW-PP-004-20100514	Paint Chips	5/14/2010 11:42	☐	B	B										
1005380-020	B1-SS-PP-010-20100514	Paint Chips	5/14/2010 13:26	☐	B	B										

Test Legend:

1	STLCMETALMS_Chip	2	TCLPMETALMS_Chip	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments: 009 & 020 added for STLC &TCLP Ba,Cr,Pb,Zn 5/25/10 5d. Micro Extraction ok'ed per Glenn Cass

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/25/10-05/27/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/03/10

Metals*

Extraction method: CA Title 22 Analytical methods: 6020A Work Order: 1005380

Lab ID	Client ID	Matrix	Extraction Type	Barium	Chromium	Lead	Zinc	DF	% SS	Comments
009B	B1-BW-PP-004-20100514	C	WET	1.6	2.1	68	270	1	N/A	
020B	B1-SS-PP-010-20100514	C	WET	ND	0.51	2400	490	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	
	C	WET	1.0	0.1	0.1	1.0	mg/L	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

WET = Waste Extraction Test, i.e., STLC (Soluble Threshold Limit Concentration).
DI WET = Waste Extraction Test using DI water (DI STLC).

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/14/10
334 19th Street		Date Received: 05/14/10
	Client Contact: Glenn Cass	Date Extracted: 05/25/10-05/26/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/26/10-05/28/10

Metals*

Extraction method: SW1311 Analytical methods: 6020A Work Order: 1005380

Lab ID	Client ID	Matrix	Extraction Type	Barium	Chromium	Lead	Zinc	DF	% SS	Comments
009B	B1-BW-PP-004-20100514	C	TCLP	ND	ND	1.6	57	1	N/A	
020B	B1-SS-PP-010-20100514	C	TCLP	ND	ND	390	43	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	
	C	TCLP	1.0	0.1	0.1	1.0	mg/L	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid/paint chip samples in mg/Kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TCLP = Toxicity Characteristic Leaching Procedure.
DI TCLP = Toxicity Characteristic Leaching Procedure using DI water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Paint Chips QC Matrix: Soil BatchID: 50835 WorkOrder 1005380

EPA Method 6020A **Extraction CA Title 22** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Barium	N/A	100	N/A	N/A	N/A	102	104	1.22	N/A	N/A	75 - 125	20
Chromium	N/A	10	N/A	N/A	N/A	97	96.9	0.124	N/A	N/A	75 - 125	20
Lead	N/A	10	N/A	N/A	N/A	94	97.2	3.25	N/A	N/A	75 - 125	20
Zinc	N/A	100	N/A	N/A	N/A	105	105	0	N/A	N/A	75 - 125	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50835 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005380-009B	05/14/10 11:42 AM	05/25/10	06/03/10 3:03 PM	1005380-009B	05/14/10 11:42 AM	05/25/10	06/03/10 5:00 PM
1005380-020B	05/14/10 1:26 PM	05/25/10	06/03/10 3:11 PM	1005380-020B	05/14/10 1:26 PM	05/25/10	06/03/10 5:08 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

_____ QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Paint Chips QC Matrix: Soil BatchID: 50812 WorkOrder 1005380

EPA Method 6020A **Extraction SW1311** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Barium	N/A	100	N/A	N/A	N/A	101	91.5	9.83	N/A	N/A	75 - 125	20
Chromium	N/A	10	N/A	N/A	N/A	98.4	88	11.2	N/A	N/A	75 - 125	20
Lead	N/A	10	N/A	N/A	N/A	96.2	86.1	11.0	N/A	N/A	75 - 125	20
Zinc	N/A	100	N/A	N/A	N/A	107	95.9	11.1	N/A	N/A	75 - 125	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50812 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005380-009B	05/14/10 11:42 AM	05/25/10	05/26/10 8:56 PM	1005380-020B	05/14/10 1:26 PM	05/25/10	05/26/10 9:14 PM
1005380-020B	05/14/10 1:26 PM	05/25/10	05/28/10 5:39 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

_____ QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Reported: 05/25/10
Oakland, CA 94612	Client P.O.:	Date Completed: 05/25/10

WorkOrder: 1005397

May 25, 2010

Dear Glenn:

Enclosed within are:

1) The results of the **22** analyzed samples from your project: **#K-9866,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

Chain of Custody

Page____of____

SCA
Environmental, Inc.

1005397

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
Glenn Cass	K-9266	Glenn Cass	5/17/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
	McCAMPBELL		X

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082 PCB	SFT 1									Instructions/Remarks
5/17/10	11:23	B1-BW-CP-002-20100517	EXT	BR	1	GL	X										.01 ± .03 / 0.0 ± .02
5/17/10	11:47	B1-SS-PP-011-20100517		PA	2	GL	X	X									2.3 ± .9 Pb.
5/17/10	11:47	B1-SS-WP-011-20100517	PRE	WI	1	GL	X										
5/17/10	11:54	B1-SS-WP-011-20100517	POST	WI	1	GL	X										0.4 ± .2 Pb
5/17/10	11:59	B1-GW-WP-012-20100517		WI	1	GL	X										0 ± .02 Pb
5/17/10	12:30	B2-BW-WP-001-20100517		WI	1	GL	X										.6 ± .1 Pb
5/17/10	12:35	B2-BW-PP-001-20100517		PA	1	GL	X										
5/17/10	12:38	B2-BW-CP-001-20100517		BR	1	GL											0.26 ± .09 Pb
5/17/10	12:49	B2-BW-PP-002-20100517		PA	1	GL	X										.18 ± .1 Pb / .03 ± .12 Pb
2:52 5/17/10	12:52	B2-BW-CP-002-20100517		BR	1	GL	X										JC ~~.03 ± .12 Pb~~
5/17/10	1300	B2-BW-PP-003-20100517		PA	1	GL	X										0.5 ± 0.1 Pb
5/17/10	1303	B2-BW-CP-003-20100517		BR	1	GL	X										.08 ± 0.11 Pb
05/17/10	1115	TEMP BLANK		W	1	P	NA										

Relinquished by:	Date/Time	Received by:	Total for Each Analysis
	5/17/10 2:30pm	McFall 5/17/10 3:34pm	
Relinquished by:	Date/Time	Received by:	
Relinquished by:	Date/Time	Received by:	

Instructions/Remarks: 008 PB Post 0.4 ± .2 / 009 PB .15 ± .12

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: Glenn Cass

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

ICE ✓ 5.4c
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ____ DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION: VOAS | O & G | METALS | OTHER

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002372

SCA Environmental, Inc.

Chain of Custody

Page____of____

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
Glenn Cass	K-9866	Glenn Cass	5/17/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
[signature]	McCampbell		dc

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	6020	CAM 17								Instructions/Remarks
05/17/10	1313	B2-SS-WP-004-20100517-PRE		W	1	GL	X									Pb 1.3±0.4
05/17/10	1322	B2-SS-PP-004-20100517		PA	1	GL	X	X								.06±.07
05/17/10	1325	B2-SS-WP-004-20100517-POST		W	1	GL	X									
5/17/10	13:34	B2-SS-PP-005-20100517		PA	1	GL	X									2.3±1.1 Pb/.02±.04 Pb
5/17/10	13:43	B2-SS-PP-006-20100517		PA	1	GL	X									1.2±.4/.05±.06
5/17/10	13:52	B2-SS-WP-007-20100517-PRE		W	1	GL	X									1.6±0.5 Pb
5/17/10	13:58	B2-SS-PP-007-20100517		PA	1	GL	X									
5/17/10	14:01	B2-SS-WP-007-20100517-POST		W	1	GL	X									Pb .14±.2
(T) 5/17/10	1420	EB-1-20100517		W	1	GL	X									equipment blank
(T) 5/17/10	1421	EB-2-20100517		W	1	GL	X									" "

Relinquished by:	Date/Time	Received by:	Total for Each Analysis
[signature]	5/17/10 2:30pm	[signature] 5/17/10 3:34	
Relinquished by:	Date/Time	Received by:	Instructions/Remarks
Relinquished by:	Date/Time	Received by:	

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: Glenn Cass

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002371

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005397 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/17/2010
Date Printed: 05/17/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005397-001	B1-BW-CP-002-20100517-Ext	Solid	5/17/2010 11:23	☐		A										
1005397-002	BW-SS-PP-011-20100517	Paint Chips	5/17/2010 11:47	☐	A				B							
1005397-003	B1-SS-WP-011-20100517-Pre	Wipe	5/17/2010 11:41	☐				A								
1005397-004	B1-SS-WP-011-20100517-Post	Wipe	5/17/2010 11:54	☐				A								
1005397-005	B1-GW-WP-012-20100517	Wipe	5/17/2010 11:59	☐				A								
1005397-006	B2-BW-WP-001-20100517	Wipe	5/17/2010 12:30	☐				A								
1005397-007	B2-BW-PP-001-20100517	Paint Chips	5/17/2010 12:35	☐	A											
1005397-008	B2-BW-CP-001-20100517	Solid	5/17/2010 12:38	☐		A										
1005397-009	B2-BW-PP-002-20100517	Paint Chips	5/17/2010 12:49	☐	A											
1005397-010	B2-BW-CP-002-20100517	Solid	5/17/2010 12:52	☐		A										
1005397-011	B2-BW-PP-003-20100517	Paint Chips	5/17/2010 13:00	☐	A											
1005397-012	B2-BW-CP-003-20100517	Solid	5/17/2010 13:03	☐		A										
1005397-013	B2-SS-WP-004-20100517-Pre	Wipe	5/17/2010 13:13	☐				A								
1005397-014	B2-SS-PP-004-20100517	Paint Chips	5/17/2010 13:22	☐	A				B							

Test Legend:

1	8082A_PCB_Chip	2	8082A_PCB_Solid	3	8082A_PCB_W	4	8082A_PCB_WI	5	CAM17MS_Chip
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005397 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/17/2010
Date Printed: 05/17/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005397-015	B2-SS-WP-004-20100517-Post	Wipe	5/17/2010 13:25	☐				A								
1005397-016	B2-SS-PP-005-20100517	Paint Chips	5/17/2010 13:34	☐	A											
1005397-017	B2-SS-PP-006-20100517	Paint Chips	5/17/2010 13:43	☐	A											
1005397-018	B2-SS-WP-007-20100517-Pre	Wipe		☐				A								
1005397-019	B2-SS-PP-007-20100517	Paint Chips	5/17/2010 13:58	☐	A											
1005397-020	B2-SS-WP-007-20100517-Post	Wipe	5/17/2010 14:01	☐				A								
1005397-021	EB-1-20100517	Water	5/17/2010 14:20	☐			A									
1005397-022	EB-2-20100517	Water	5/17/2010 14:21	☐			A									

Test Legend:

1	8082A_PCB_Chip	2	8082A_PCB_Solid	3	8082A_PCB_W	4	8082A_PCB_WI	5	CAM17MS_Chip
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **SCA Enviromental, Inc.** Date and Time Received: **5/17/2010 4:20:22 PM**

Project Name: **#K-9866** Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **1005397** Matrix Paint Chips/Solid/Water/Wipe Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☑	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments: Zero headspace not applicable to wipes.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Extracted: 05/17/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/20/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005397

Lab ID	1005397-002A	1005397-007A	1005397-009A	1005397-011A	Reporting Limit for DF =1	
Client ID	B1-SS-PP-011-20100517	B2-BW-PP-001-20100517	B2-BW-PP-002-20100517	B2-BW-PP-003-20100517		
Matrix	C	C	C	C		
DF	50	1	5	1	C	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<25	ND<0.50	ND<2.5	ND<0.50	0.05	NA
Aroclor1221	ND<25	ND<0.50	ND<2.5	ND<0.50	0.05	NA
Aroclor1232	ND<25	ND<0.50	ND<2.5	ND<0.50	0.05	NA
Aroclor1242	ND<25	ND<0.50	ND<2.5	ND<0.50	0.05	NA
Aroclor1248	ND<25	ND<0.50	ND<2.5	ND<0.50	0.05	NA
Aroclor1254	ND<25	ND<0.50	ND<2.5	ND<0.50	0.05	NA
Aroclor1260	130	3.3	8.1	1.8	0.05	NA
PCBs, total	130	3.3	8.1	1.8	0.05	NA
Surrogate Recoveries (%)						
%SS:	90	104	70	105		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Extracted: 05/17/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/20/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005397

Lab ID	1005397-014A	1005397-016A	1005397-017A	1005397-019A	Reporting Limit for DF =1	
Client ID	B2-SS-PP-004-20100517	B2-SS-PP-005-20100517	B2-SS-PP-006-20100517	B2-SS-PP-007-20100517		
Matrix	C	C	C	C		
DF	10	10	20	20	C	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<5.0	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1221	ND<5.0	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1232	ND<5.0	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1242	ND<5.0	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1248	ND<5.0	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1254	ND<5.0	ND<5.0	ND<10	ND<10	0.05	NA
Aroclor1260	16	29	64	27	0.05	NA
PCBs, total	16	29	64	27	0.05	NA
Surrogate Recoveries (%)						
%SS:	107	94	95	75		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

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Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Extracted: 05/17/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005397

Lab ID	1005397-001A	1005397-008A	1005397-010A	1005397-012A	Reporting Limit for DF =1	
Client ID	B1-BW-CP-002-20100517-Ext	B2-BW-CP-001-20100517	B2-BW-CP-002-20100517	B2-BW-CP-003-20100517		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	ND<0.50	2.5	1.4	1.2	0.05	NA
PCBs, total	ND<0.50	2.5	1.4	1.2	0.05	NA
Surrogate Recoveries (%)						
%SS:	106	110	105	107		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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surrogate diluted out of range or surrogate coelutes with another peak.

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h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Extracted: 05/17/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3510C Analytical Method: SW8082 Work Order: 1005397

Lab ID	1005397-021A	1005397-022A			Reporting Limit for DF =1	
Client ID	EB-1-20100517	EB-2-20100517				
Matrix	W	W				
DF	1	1			S	W
Compound	**Concentration**				ug/kg	µg/L
Aroclor1016	ND	ND			NA	0.5
Aroclor1221	ND	ND			NA	0.5
Aroclor1232	ND	ND			NA	0.5
Aroclor1242	ND	ND			NA	0.5
Aroclor1248	ND	ND			NA	0.5
Aroclor1254	ND	ND			NA	0.5
Aroclor1260	ND	ND			NA	0.5
PCBs, total	ND	ND			NA	0.5
Surrogate Recoveries (%)						
%SS:	80	80				
Comments						

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

DHS ELAP Certification 1644

AR Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Extracted: 05/17/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005397

Lab ID	1005397-003A	1005397-004A	1005397-005A	1005397-006A	Reporting Limit for DF =1	
Client ID	B1-SS-WP-011-20100517-Pre	B1-SS-WP-011-20100517-Post	B1-GW-WP-012-20100517	B2-BW-WP-001-20100517		
Matrix	Wipe	Wipe	Wipe	Wipe		
DF	1	5	1	1	Wipe	W
Compound	**Concentration**				µg/wipe	ug/L
Aroclor1016	ND	ND<2.5	ND	ND	0.5	NA
Aroclor1221	ND	ND<2.5	ND	ND	0.5	NA
Aroclor1232	ND	ND<2.5	ND	ND	0.5	NA
Aroclor1242	ND	ND<2.5	ND	ND	0.5	NA
Aroclor1248	ND	ND<2.5	ND	ND	0.5	NA
Aroclor1254	ND	ND<2.5	ND	ND	0.5	NA
Aroclor1260	ND	5.9	ND	ND	0.5	NA
PCBs, total	ND	5.9	ND	ND	0.5	NA
Surrogate Recoveries (%)						
%SS:	83	77	95	85		
Comments		h4				

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a1) sample diluted due to matrix interference
a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Extracted: 05/17/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005397

Lab ID	1005397-013A	1005397-015A	1005397-018A	1005397-020A	Reporting Limit for DF =1	
Client ID	B2-SS-WP-004-20100517-Pre	B2-SS-WP-004-20100517-Post	B2-SS-WP-007-20100517-Pre	B2-SS-WP-007-20100517-Post		
Matrix	Wipe	Wipe	Wipe	Wipe		
DF	1	1	1	5	Wipe	W
Compound	**Concentration**				µg/wipe	ug/L
Aroclor1016	ND	ND	ND	ND<2.5	0.5	NA
Aroclor1221	ND	ND	ND	ND<2.5	0.5	NA
Aroclor1232	ND	ND	ND	ND<2.5	0.5	NA
Aroclor1242	ND	ND	ND	ND<2.5	0.5	NA
Aroclor1248	ND	ND	ND	ND<2.5	0.5	NA
Aroclor1254	ND	ND	ND	ND<2.5	0.5	NA
Aroclor1260	ND	1.1	ND	ND<2.5	0.5	NA
PCBs, total	ND	1.1	ND	ND<2.5	0.5	NA
Surrogate Recoveries (%)						
%SS:	90	113	104	71		
Comments		a14,h4	a14,h4	a1,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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a1) sample diluted due to matrix interference
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Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Extracted: 05/17/10
Oakland, CA 94612	Client P.O.:	Date Analyzed 05/18/10-05/24/10

CAM / CCR 17 Metals*

Lab ID	1005397-002B	1005397-014B			Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B1-SS-PP-011-20100517	B2-SS-PP-004-20100517				
Matrix	C	C			C	W
Extraction Type	TOTAL	TOTAL			mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 1005397

Dilution Factor	1	1			1	1
Antimony	180	11			0.5	NA
Arsenic	4.9	5.4			0.5	NA
Barium	840	470			5.0	NA
Beryllium	ND	ND			0.5	NA
Cadmium	23	49			0.25	NA
Chromium	2800	1900			0.5	NA
Cobalt	220	130			0.5	NA
Copper	180	83			0.5	NA
Lead	39,000	18,000			0.5	NA
Mercury	0.55	ND<5.0			0.05	NA
Molybdenum	1.7	5.4			0.5	NA
Nickel	15	14			0.5	NA
Selenium	0.50	0.80			0.5	NA
Silver	5.0	1.2			0.5	NA
Thallium	ND	ND			0.5	NA
Vanadium	9.6	7.4			0.5	NA
Zinc	23,000	26,000			5.0	NA
%SS:	107	100				

Comments

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid/paint chip samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

a16) reporting limit raised due to high metals content

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Wipe/Paint Chips/Solid QC Matrix: Soil BatchID: 50683 WorkOrder 1005397

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	122	120	1.37	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	98	97	0.943	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50683 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005397-001A	05/17/10 11:23 AM	05/17/10	05/19/10 7:23 PM	1005397-002A	05/17/10 11:47 AM	05/17/10	05/25/10 10:37 AM
1005397-003A	05/17/10 11:41 AM	05/17/10	05/20/10 9:47 AM	1005397-004A	05/17/10 11:54 AM	05/17/10	05/24/10 4:50 PM
1005397-005A	05/17/10 11:59 AM	05/17/10	05/20/10 11:38 AM	1005397-006A	05/17/10 12:30 PM	05/17/10	05/20/10 12:34 PM
1005397-007A	05/17/10 12:35 PM	05/17/10	05/20/10 12:02 AM	1005397-008A	05/17/10 12:38 PM	05/17/10	05/19/10 8:19 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

SH QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Wipe/Paint Chips/Solid QC Matrix: Soil BatchID: 50694 WorkOrder 1005397

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	125	126	0.828	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	113	105	7.52	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50694 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005397-009A	05/17/10 12:49 PM	05/17/10	05/25/10 10:47 AM	1005397-009A	05/17/10 12:49 PM	05/17/10	05/25/10 10:47 AM
1005397-010A	05/17/10 12:52 PM	05/17/10	05/19/10 9:15 PM	1005397-011A	05/17/10 1:00 PM	05/17/10	05/20/10 3:44 AM
1005397-012A	05/17/10 1:03 PM	05/17/10	05/19/10 10:11 PM	1005397-013A	05/17/10 1:13 PM	05/17/10	05/20/10 1:30 PM
1005397-014A	05/17/10 1:22 PM	05/17/10	05/25/10 10:50 AM	1005397-015A	05/17/10 1:25 PM	05/17/10	05/19/10 4:35 PM
1005397-016A	05/17/10 1:34 PM	05/17/10	05/25/10 10:50 AM	1005397-017A	05/17/10 1:43 PM	05/17/10	05/25/10 10:47 AM
1005397-018A	Not Provided	05/17/10	05/19/10 5:31 PM	1005397-019A	05/17/10 1:58 PM	05/17/10	05/25/10 11:43 AM
1005397-019A	05/17/10 1:58 PM	05/17/10	05/25/10 11:43 AM	1005397-020A	05/17/10 2:01 PM	05/17/10	05/25/10 11:43 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

SH QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 50668 WorkOrder 1005397

EPA Method SW8082 **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	3.75	N/A	N/A	N/A	120	122	1.71	N/A	N/A	70 - 130	20
%SS:	N/A	1.25	N/A	N/A	N/A	96.9	94.2	2.79	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50668 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005397-021A	05/17/10 2:20 PM	05/17/10	05/19/10 6:15 PM	1005397-022A	05/17/10 2:21 PM	05/17/10	05/19/10 7:10 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

SH QA/QC Officer

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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Paint Chips QC Matrix: Soil WorkOrder 1005397

EPA Method 6020A **Extraction SW3050B** **BatchID: 50695** **Spiked Sample ID: 1005409-018A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	0.53	50	97.2	97.7	0.507	10	94.2	104	10.0	75 - 125	20	75 - 125	20
Arsenic	5.4	50	91.3	90.4	0.885	10	90	102	12.6	75 - 125	20	75 - 125	20
Barium	180	500	88.5	88.1	0.338	100	86.7	94.8	8.97	75 - 125	20	75 - 125	20
Beryllium	0.52	50	88.3	90.8	2.80	10	107	118	9.45	75 - 125	20	75 - 125	20
Cadmium	ND	50	94.1	93.8	0.318	10	95	104	8.53	75 - 125	20	75 - 125	20
Chromium	93	50	78.5	89.5	4.08	10	104	116	10.6	75 - 125	20	75 - 125	20
Cobalt	29	50	78.1	80.7	1.91	10	99.9	110	9.52	75 - 125	20	75 - 125	20
Copper	65	50	94	93	0.449	10	99.9	113	12.2	75 - 125	20	75 - 125	20
Lead	7.5	50	88.8	89.4	0.538	10	91	99.5	8.94	75 - 125	20	75 - 125	20
Mercury	0.095	1.25	97.9	97.6	0.304	0.25	85	95.9	11.5	75 - 125	20	75 - 125	20
Molybdenum	0.76	50	89.4	89.7	0.373	10	90.5	100	10.1	75 - 125	20	75 - 125	20
Nickel	78	50	87.7	86.5	0.494	10	95.8	108	11.8	75 - 125	20	75 - 125	20
Selenium	ND	50	94	94.5	0.527	10	94.1	106	12.4	75 - 125	20	75 - 125	20
Silver	ND	50	90	90	0	10	93.4	102	9.06	75 - 125	20	75 - 125	20
Thallium	ND	50	88.5	88.9	0.472	10	88.4	97.4	9.64	75 - 125	20	75 - 125	20
Vanadium	110	50	80.2	91.4	3.74	10	99.1	110	10.4	75 - 125	20	75 - 125	20
Zinc	90	500	98.3	97.5	0.725	100	101	114	12.5	75 - 125	20	75 - 125	20
%SS:	109	250	109	110	0.403	250	109	116	5.76	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50695 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005397-002B	05/17/10 11:47 AM	05/17/10	05/18/10 11:44 PM	1005397-002B	05/17/10 11:47 AM	05/17/10	05/20/10 3:10 PM
1005397-002B	05/17/10 11:47 AM	05/17/10	05/20/10 3:27 PM	1005397-002B	05/17/10 11:47 AM	05/17/10	05/21/10 10:55 PM
1005397-014B	05/17/10 1:22 PM	05/17/10	05/18/10 11:52 PM	1005397-014B	05/17/10 1:22 PM	05/17/10	05/20/10 3:19 PM
1005397-014B	05/17/10 1:22 PM	05/17/10	05/20/10 3:36 PM	1005397-014B	05/17/10 1:22 PM	05/17/10	05/24/10 5:01 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

_____ QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Reported: 06/04/10
Oakland, CA 94612	Client P.O.:	Date Completed: 06/04/10

WorkOrder: 1005397 A

June 04, 2010

Dear Glenn:

Enclosed within are:

1) The results of the **2** analyzed samples from your project: **#K-9866,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

SCA Environmental, Inc.

Chain of Custody

Page____of____

1005397

SCA Contact: Glenn Cass
Project Name/Number: K9866
Contact Phone/Pager No.: Glenn Cass
Date Shipped: 5/17/10
Sampler: (Sign)
Laboratory: McCAMPBELL
Carrier: X

ANALYSIS/METHOD NUMBER

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082 PCB	CAM 17	STLC Ba Cr, Pb, Zn	TCLP Ba Cr, Pb, Zn 5/24/10						Instructions/Remarks
5/17/10	11:23	B1-BW-CP-002-20100517	EXT	BR	1	GL	X									.01 ± .03 / 0.0 ± .02
5/17/10	11:47	B1-SS-PP-011-20100517		PA	2	GL	X	X	X	X						2.3 ± .9 Pb.
5/17/10	11:49	B1-SS-WP-011-20100517	PRE	WI	1	GL	X									
5/17/10	11:54	B1-SS-WP-011-20100517	POST	WI	1	GL	X									0.4 ± .2 Pb
5/17/10	11:59	B1-GW-WP-012-20100517		WI	1	GL	X									0 ± .02 Pb
5/17/10	12:30	B2-BW-WP-001-20100517		WI	1	GL	X									.6 ± .1 Pb
5/17/10	12:35	B2-BW-PP-001-20100517		PA	1	GL	X									
5/17/10	12:38	B2-BW-CP-001-20100517		BR	1	GL										0.26 ± .09 Pb
5/17/10	12:49	B2-BW-PP-002-20100517		PA	1	GL	X									.18 ± .1 Pb / .03 ± .12 Pb
5/17/10	12:52	B2-BW-CP-002-20100517		BR	1	GL	X									JC ~~.03 ± .12 Pb~~
5/17/10	1300	B2-BW-PP-003-20100517		PA	1	GL	X									0.5 ± 0.1 Pb
5/17/10	1303	B2-BW-CP-003-20100517		BR	1	GL	X									.08 ± 0.11 Pb
05/17/10	1115	TEMP BLANK		W	1	P	NA									

Relinquished by: 5/17/10 Date/Time 2:30pm
Received by: Mel Vall 5/17/10 3:30pm
Relinquished by: Date/Time
Received by:
Relinquished by: Date/Time
Received by:

Total for Each Analysis

Instructions/Remarks: 009 PB POST 0.4 ± .2 / 009 PB .15 ± .12

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: Glenn Cass

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

ICE #: 54c
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION VOAS | O & G | METALS | OTHER

#samples
unit cost
Total to Invoice:
SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002372

SCA Environmental, Inc.

Chain of Custody

Page____of____

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
Glenn Cass	K-9866	Glenn Cass	5/17/10
Sampler: (Sign)	**Laboratory**		**Carrier**
[signature]	McCampbell		JC

ANALYSIS/METHOD NUMBER

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	CAM 17	STLC Cd Cr, Pb, Zn	TCLP Cd Cr, Pb, Zn 5/24/10						Instructions/Remarks
05/17/10	1313	B2-SS-WP-004-20100517-PRE		WI	1	GL	X									Pb 1.3±0.4
05/17/10	1322	B2-SS-PP-004-20100517		PA	1	GL	X	X	X	X						.06±.07
05/17/10	1325	B2-SS-WP-004-20100517-POST		WI	1	GL	X									
5/17/10	13:34	B2-SS-PP-005-20100517		PA	1	GL	X									2.3±1.1 Pb/.02±.04 Pb
5/17/10	13:43	B2-SS-PP-006-20100517		PA	1	GL	X									JC 1.2±.4/.05±.06
5/17/10	13:52	B2-SS-WP-007-20100517-PRE		WI	1	GL	X									1.6±0.5 Pb
5/17/10	13:58	B2-SS-PP-007-20100517		PA	1	GL	X									
5/17/10	14:01	B2-SS-WP-007-20100517-POST		WI	1	GL	X									Pb .14±.2
(T) 5/17/10	1420	EB-1-20100517		W	1	GL	X									equipment blank
(T) 5/17/10	1421	EB-2-20100517		W	1	GL	X									" "

Relinquished by:	Date/Time	Received by:	Total for Each Analysis
[signature]	5/17/10 2:30pm	McVall 5/17/10 3:34pm	
Relinquished by:	Date/Time	Received by:	Instructions/Remarks
Relinquished by:	Date/Time	Received by:	

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: Glenn Cass

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002371

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005397 A **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 645-6200 FAX (510) 839- 6200

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days
Date Received: 05/17/2010
Date Add-On: 05/26/2010
Date Printed: 05/27/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005397-002	B1-SS-PP-011-20100517	Paint Chips	5/17/2010 11:47	☐	B	B										
1005397-014	B2-SS-PP-004-20100517	Paint Chips	5/17/2010 13:22	☐	B	B										

Test Legend:

1	STLCMETALMS_Chip	2	TCLPMETALMS_Chip	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments: STLC's & TCLP added on 002 & 014 standard 5/26/10

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Extracted: 05/27/10-05/29/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/03/10

Metals*

Extraction method: CA Title 22 Analytical methods: 6020A Work Order: 1005397

Lab ID	Client ID	Matrix	Extraction Type	Barium	Chromium	Lead	Zinc	DF	% SS	Comments
002B	B1-SS-PP-011-20100517	C	WET	2.3	3.2	1400	460	1	N/A	
014B	B2-SS-PP-004-20100517	C	WET	ND	51	850	510	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	
	C	WET	1.0	0.1	0.1	1.0	mg/L	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

WET = Waste Extraction Test, i.e., STLC (Soluble Threshold Limit Concentration).
DI WET = Waste Extraction Test using DI water (DI STLC).

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/17/10
334 19th Street		Date Received: 05/17/10
	Client Contact: Glenn Cass	Date Extracted: 05/27/10-05/28/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/03/10

Metals*

Extraction method: SW1311 Analytical methods: 6020A Work Order: 1005397

Lab ID	Client ID	Matrix	Extraction Type	Barium	Chromium	Lead	Zinc	DF	% SS	Comments
002B	B1-SS-PP-011-20100517	C	TCLP	ND	ND	110	460	1	N/A	
014B	B2-SS-PP-004-20100517	C	TCLP	ND	0.48	45	160	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	
	C	TCLP	1.0	0.1	0.1	1.0	mg/L	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid/paint chip samples in mg/Kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TCLP = Toxicity Characteristic Leaching Procedure.
DI TCLP = Toxicity Characteristic Leaching Procedure using DI water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Paint Chips QC Matrix: Soil BatchID: 50866 WorkOrder 1005397

EPA Method 6020A **Extraction CA Title 22** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Barium	N/A	100	N/A	N/A	N/A	104	94.2	10.3	N/A	N/A	75 - 125	20
Cadmium	N/A	10	N/A	N/A	N/A	102	91.8	10.4	N/A	N/A	75 - 125	20
Chromium	N/A	10	N/A	N/A	N/A	91.9	82.8	10.5	N/A	N/A	75 - 125	20
Lead	N/A	10	N/A	N/A	N/A	91.8	83	9.96	N/A	N/A	75 - 125	20
Zinc	N/A	100	N/A	N/A	N/A	105	95.2	9.91	N/A	N/A	75 - 125	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50866 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005397-002B	05/17/10 11:47 AM	05/27/10	06/03/10 4:34 PM	1005397-002B	05/17/10 11:47 AM	05/27/10	06/03/10 5:58 PM
1005397-014B	05/17/10 1:22 PM	05/27/10	06/03/10 4:44 PM	1005397-014B	05/17/10 1:22 PM	05/27/10	06/03/10 6:06 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

_____ QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Paint Chips QC Matrix: Soil BatchID: 50909 WorkOrder 1005397

EPA Method 6020A **Extraction SW1311** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Barium	N/A	100	N/A	N/A	N/A	105	98.9	5.94	N/A	N/A	75 - 125	20
Cadmium	N/A	10	N/A	N/A	N/A	98.2	92.2	6.34	N/A	N/A	75 - 125	20
Chromium	N/A	10	N/A	N/A	N/A	88.7	84.4	4.97	N/A	N/A	75 - 125	20
Lead	N/A	10	N/A	N/A	N/A	88.6	83.8	5.63	N/A	N/A	75 - 125	20
Zinc	N/A	100	N/A	N/A	N/A	98.9	95.1	3.86	N/A	N/A	75 - 125	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50909 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005397-002B	05/17/10 11:47 AM	05/27/10	06/03/10 3:53 PM	1005397-002B	05/17/10 11:47 AM	05/27/10	06/03/10 5:41 PM
1005397-014B	05/17/10 1:22 PM	05/27/10	06/03/10 4:01 PM	1005397-014B	05/17/10 1:22 PM	05/27/10	06/03/10 5:50 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

_____ QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled:	05/12/10-05/18/1
334 19th Street		Date Received:	05/18/10
	Client Contact: Glenn Cass	Date Reported:	05/28/10
Oakland, CA 94612	Client P.O.:	Date Completed:	05/28/10

WorkOrder: 1005428

May 28, 2010

Dear Glenn:

Enclosed within are:

1) The results of the **38** analyzed samples from your project: **#K-9866,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

SCA
Environmental, Inc.

Chain of Custody

1005428

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.577.1119	5/18/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
hsh	McCAMPBELL		JC

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8260B	PCAM 17								Instructions/Remarks
05/18/10	824	B2-BW-WP-008-2010	0518	WI	1	GL	X									1.1±.2 Pb / .03±.06 Pb
5/18/10	835	B2-BW-PP-008-20	0518	PA	2	GL	X	X								
5/18/10	8:39	B2-BW-CP-008-2010	0518	BR	1	GL	X									
5/18/10	8:51	B2-BW-PP-009-2010	0518	PA	1	GL	X									0.4±0.1 Pb / 0.3±0.1
5/18/10	8:54	B2-BW-CP-009-2010	0518	BR	1	GL	X									
5/18/10	9:05	B2-BW-PP-010-2010	0518	PA	2	GL	X	X								0.7±0.1 Pb / 0.6±0.1 Pb
5/18/10	9:06	B2-BW-CP-010-2010	0518	BR	1	GL	X									
5/18/10	9:15	B2-GW-WP-011-2010	0518	WI	1	GL	X									
5/18/10	9:17	B2-GW-WP-012-2010	0518	WI	1	GL	X									
5/18/10	9:27	B2-EQ-WP-013-2010	0518	WI	1	GL	X									2.2±1.0 Pb / 0±.02 Pb
5/18/10	9:35	B2-EQ-PP-013-2010	0518	PA	1	GL	X									
5/18/10	9:54	B2-BW-CP-001-2010	0518-EX	BR	1	GL	X									.01±.02 Pb
5/18/10	1000	B2-BW-CP-007-2010	0518-EX	BR	1	GL	X									0±.02 Pb
5/18/10	1009	B2-BW-CP-003-2010	0518-EX	BR	1	GL	X									0±.02 Pb
5/18/10	8:14	TEMP BLANK		W	1	P	NA									
																Total for Each Analysis

Relinquished by: hsh 5/18/10 Date/Time 1530 Received by:

Relinquished by: Date/Time Received by:

Relinquished by: Date/Time Received by:

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

ICE/T° 3.6
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____

PRESERVATION	VOAS	O&G	METALS	OTHER

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002370

Chain of Custody

SCA Environmental, Inc.

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/18/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
GL	McCAMPBELL		JC

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	CAM 17	VOC + SVOC	1311/ 8260C + 8270C							Instructions/Remarks
05/18/10	10:16	B2-BW-CP-~~004~~ 002-20100518	-EX	BR	1	GL	X										0.01±.02 Pb
05/18/10	10:23	B2-BW-CP-~~005~~ 003-20100518	-EX	BR	1	GL	X										
05/18/10	10:~~26~~ 25	B2-BW-CP-~~003~~ 003-20100518	-EX *	BR	1	GL	X										0.07±0.21 Pb / 0.05±.15 Pb
05/18/10	10:~~35~~ 30	B2-BW-PP-~~003~~ 003-20100518	-EX *	PA	1	GL	X										~~0±.02 Pb~~ -.02±.07 Pb
05/18/10	11:05	B1-BW-CP-003 20100518	-EX	BR	1	GL	X										0±.02 Pb
05/18/10	11:22	B1-BW-PP-004-20100518	-EX	PA	1	GL	X										2.1±1.2 Pb
05/18/10	11:25	B1-BW-CP-004-20100518	-EX	BR	1	GL	X										.05±.03 Pb
05/18/10	11:36	B1-BW-PP-001-20100518	-EX	PA	1	GL	X	X①									Pb 1.4±.3
05/18/10	11:41	B1-BW-CP-001-20100518	-EX	BR	1	GL	X										.07±.06 Pb / .02±.04 Pb
05/18/10	11:51	B1-BW-CP-005-20100518	-EX	BR	1	GL	X										0.02±.03 Pb
05/18/10	11:58	B1-BW-CP-006-20100518	-EX	BR	1	GL	X										.03±.08 Pb
05/18/10	12:28	B17-WS-CP-001-20100518		WO	2	GL	X		X								
X ~~05/18/10~~	~~12:28~~	~~B17-~~															
5/18/10	12:38	B17-WS-CP-002-20100518		WO	2	GL	X		X								
5/18/10	12:42	B17-WS-CP-003-20100518		WO	2	GL	X		X								

Relinquished by:	Date/Time	Received by:	Total for Each Analysis
[signature]	5/18/10 1530	[signature]	
Relinquished by:	Date/Time	Received by:	
Relinquished by:	Date/Time	Received by:	

Instructions/Remarks: X Jar Labled B2-BW-PP-002-20100518-EX
* Jar Labled B2-BW-CP-002-20100518-EX

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn:

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☐ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

@sampled at 12:17

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002381

SCA Environmental, Inc.

Chain of Custody

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/18/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
[signature]	McCampbell		JC

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	VOC + SVOC	CAM17								Instructions/Remarks
05/18/10	1255	B17-WS-CP-004-20100518		WW	2	GL	X	X									
05/18/10	1303	B17-WS-CP-005-20100518		WW	2	GL	X	X									
05/18/10	13:23	B20-33-PP-001-20100518		PA	1	GL	X										
05/18/10	13:39	TK-MW-PP-001-20100518		PA	2	GL	X		X								
05/18/10	13:48	YD-EQ-PP-001-20100518		PA	1	GL	X										
05/18/10	13:55	YD-EQPP-002-20100518		PA	1	GL	X										
05/18/10	14:03	B8-CW-CP-001-20100518		CM	1	GL	X										
05/18/10	14:08	B8-CW-CP-002-20100518		CM	1	GL	X										
(+) 05/18/10	14:13	EB-001-20100518		W	1	GL	X										Chisel-eq. blank
(+) 05/18/10	14:13	EB-002-20100518		W	1	GL	X										hammer-eq. blank
																	Total for Each Analysis

Relinquished by:	Date/Time	Received by:
[signature]	5/18/10 1530	[signature]
Relinquished by:	Date/Time	Received by:
Relinquished by:	Date/Time	Received by:

Instructions/Remarks: * SVOC + VOC Method: 1311/8260C + 8270C

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

										← #samples
										← unit cost
										← Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002375

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005428 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/18/2010
Date Printed: 05/19/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005428-001	B2-BW-WP-008-20100518	Wipe	5/18/2010 8:24	☐				A								
1005428-002	B2-BW-PP-008-20100518	Paint Chips	5/18/2010 8:35	☐	A					B						
1005428-003	B2-BW-CP-008-20100518	Solid	5/18/2010 8:39	☐		A										
1005428-004	B2-BW-PP-009-20100518	Paint Chips	5/18/2010 8:51	☐	A											
1005428-005	B2-BW-CP-009-20100518	Solid	5/18/2010 8:54	☐		A										
1005428-006	B2-BW-PP-010-20100518	Paint Chips	5/18/2010 9:05	☐	A					B						
1005428-007	B2-BW-CP-010-20100518	Solid	5/18/2010 9:08	☐		A										
1005428-008	B2-GW-WP-011-20100518	Wipe	5/18/2010 9:15	☐				A								
1005428-009	B2-GW-WP-012-20100518	Wipe	5/18/2010 9:17	☐				A								
1005428-010	B2-EQ-WP-013-20100518	Wipe	5/18/2010 9:27	☐				A								
1005428-011	B2-EQ-PP-013-20100518	Paint Chips	5/18/2010 9:35	☐	A											
1005428-012	B2-BW-CP-001-20100518-EX	Solid	5/18/2010 9:54	☐		A										
1005428-013	B2-BW-CP-009-20100518-EX	Solid	5/18/2010 10:00	☐		A										
1005428-014	B2-BW-CP-010-20100518-EX	Solid	5/18/2010 10:09	☐		A										

Test Legend:

1	8082A_PCB_Chip	2	8082A_PCB_Solid	3	8082A_PCB_W	4	8082A_PCB_WI	5	8270D_Solid
6	CAM17MS_Chip	7	ZHE8260-TCLP_Solid	8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005428 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/18/2010
Date Printed: 05/19/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005428-015	B2-BW-CP-008-20100518-EX	Solid	5/18/2010 10:16	☐		A										
1005428-016	B2-BW-CP-001-20100518-EX	Solid	5/12/2010 10:23	☐		A										
1005428-017	B2-BW-CP-003-20100518-EX	Solid	5/18/2010 10:39	☐		A										
1005428-018	B2-BW-PP-003-20100518-EX	Paint Chips	5/18/2010 10:36	☐	A											
1005428-019	B1-BW-CP-003-20100518-EX	Solid	5/18/2010 11:05	☐		A										
1005428-020	B1-BW-PP-004-20100518-EX	Paint Chips	5/18/2010 11:22	☐	A											
1005428-021	B1-BW-CP-004-20100518-EX	Solid	5/18/2010 11:25	☐		A										
1005428-022	B1-BW-PP-001-20100518-EX	Paint Chips	5/18/2010 11:36	☐	A					B						
1005428-023	B1-BW-CP-001-20100518-EX	Solid	5/18/2010 11:41	☐		A										
1005428-024	B1-BW-CP-005-20100518-EX	Solid	5/18/2010 11:51	☐		A										
1005428-025	B1-BW-CP-006-20100518-EX	Solid	5/18/2010 11:58	☐		A										
1005428-026	B17-WS-CP-001-20100518	Solid	5/18/2010 12:28	☐		A			B		B					
1005428-027	B17-WS-CP-002-20100518	Solid	5/18/2010 12:38	☐		A			B		B					
1005428-028	B17-WS-CP-003-20100518	Solid	5/18/2010 12:42	☐		A			B		B					

Test Legend:

1	8082A_PCB_Chip	2	8082A_PCB_Solid	3	8082A_PCB_W	4	8082A_PCB_WI	5	8270D_Solid
6	CAM17MS_Chip	7	ZHE8260-TCLP_Solid	8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005428 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/18/2010
Date Printed: 05/19/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005428-029	B17-WS-CP-004-20100518	Solid	5/18/2010 12:55	☐		A			B		B					
1005428-030	B17-WS-CP-005-20100518	Solid	5/18/2010 13:03	☐		A			B		B					
1005428-031	B20-SS-PP-001-20100518	Paint Chips	5/18/2010 13:23	☐	A											
1005428-032	TK-MW-PP-001-20100518	Paint Chips	5/18/2010 13:39	☐	A					B						
1005428-033	4D-EQ-PP-001-20100518	Paint Chips	5/18/2010 13:48	☐	A											
1005428-034	4D-EQ-PP-002-20100518	Paint Chips	5/18/2010 13:55	☐	A											
1005428-035	B8-CW-CP-001-20100518	Solid	5/18/2010 14:03	☐		A										
1005428-036	B8-CW-CP-002-20100518	Solid	5/18/2010 14:08	☐		A										
1005428-037	EB-001-20100518	Water	5/18/2010 14:13	☐			A									
1005428-038	EB-002-20100518	Water	5/18/2010 14:13	☐			A									

Test Legend:

1	8082A_PCB_Chip	2	8082A_PCB_Solid	3	8082A_PCB_W	4	8082A_PCB_WI	5	8270D_Solid
6	CAM17MS_Chip	7	ZHE8260-TCLP_Solid	8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **SCA Enviromental, Inc.** Date and Time Received: **5/18/2010 3:36:54 PM**

Project Name: **#K-9866** Checklist completed and reviewed by: Maria Venegas

WorkOrder N°: **1005428** Matrix Paint Chips/Solid/Water/Wipe Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 3.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/24/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-002A	1005428-004A	1005428-006A	1005428-011A	Reporting Limit for DF =1	
Client ID	B2-BW-PP-008-20100518	B2-BW-PP-009-20100518	B2-BW-PP-010-20100518	B2-EQ-PP-013-20100518		
Matrix	C	C	C	C		
DF	1	5	5	2	C	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<2.5	ND<2.5	ND<1.0	0.05	NA
Aroclor1221	ND<0.50	ND<2.5	ND<2.5	ND<1.0	0.05	NA
Aroclor1232	ND<0.50	ND<2.5	ND<2.5	ND<1.0	0.05	NA
Aroclor1242	ND<0.50	ND<2.5	ND<2.5	ND<1.0	0.05	NA
Aroclor1248	ND<0.50	ND<2.5	ND<2.5	ND<1.0	0.05	NA
Aroclor1254	ND<0.50	ND<2.5	ND<2.5	ND<1.0	0.05	NA
Aroclor1260	2.4	8.3	7.3	2.4	0.05	NA
PCBs, total	2.4	8.3	7.3	2.4	0.05	NA
Surrogate Recoveries (%)						
%SS:	71	77	71	77		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/24/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-018A	1005428-020A	1005428-022A	1005428-031A	Reporting Limit for DF =1	
Client ID	B2-BW-PP-003-20100518-EX	B1-BW-PP-004-20100518-EX	B1-BW-PP-001-20100518-EX	B20-SS-PP-001-20100518		
Matrix	C	C	C	C		
DF	1	1	1	5	C	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1260	ND<0.50	ND<0.50	3.9	5.9	0.05	NA
PCBs, total	ND<0.50	ND<0.50	3.9	5.9	0.05	NA
Surrogate Recoveries (%)						
%SS:	74	80	75	75		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/24/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-032A	1005428-033A	1005428-034A		Reporting Limit for DF =1	
Client ID	TK-MW-PP-001-20100518	4D-EQ-PP-001-20100518	4D-EQ-PP-002-20100518			
Matrix	C	C	C			
DF	1	50	1		C	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<25	ND<0.50		0.05	NA
Aroclor1221	ND<0.50	ND<25	ND<0.50		0.05	NA
Aroclor1232	ND<0.50	ND<25	ND<0.50		0.05	NA
Aroclor1242	ND<0.50	ND<25	ND<0.50		0.05	NA
Aroclor1248	ND<0.50	ND<25	ND<0.50		0.05	NA
Aroclor1254	ND<0.50	ND<25	ND<0.50		0.05	NA
Aroclor1260	3.3	ND<25	0.99		0.05	NA
PCBs, total	3.3	ND<25	0.99		0.05	NA
Surrogate Recoveries (%)						
%SS:	90	70	72			
Comments	a14,h4	a14,h4	a14,h4			

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/12/10-05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-003A	1005428-005A	1005428-007A	1005428-012A	Reporting Limit for DF =1	
Client ID	B2-BW-CP-008-20100518	B2-BW-CP-009-20100518	B2-BW-CP-010-20100518	B2-BW-CP-001-20100518-EX		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	1.2	1.6	1.2	ND<0.50	0.05	NA
PCBs, total	1.2	1.6	1.2	ND<0.50	0.05	NA
Surrogate Recoveries (%)						
%SS:	80	81	77	80		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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a1) sample diluted due to matrix interference
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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/12/10-05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-013A	1005428-014A	1005428-015A	1005428-016A	Reporting Limit for DF =1	
Client ID	B2-BW-CP-009-20100518-EX	B2-BW-CP-010-20100518-EX	B2-BW-CP-008-20100518-EX	B2-BW-CP-001-20100518-EX		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
PCBs, total	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Surrogate Recoveries (%)						
%SS:	80	83	84	84		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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a1) sample diluted due to matrix interference
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h4) sulfuric acid permanganate (EPA 3665) cleanup

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/12/10-05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-017A	1005428-019A	1005428-021A	1005428-023A	Reporting Limit for DF =1	
Client ID	B2-BW-CP-003-20100518-EX	B1-BW-CP-003-20100518-EX	B1-BW-CP-004-20100518-EX	B1-BW-CP-001-20100518-EX		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
PCBs, total	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Surrogate Recoveries (%)						
%SS:	83	82	82	82		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a1) sample diluted due to matrix interference
a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/12/10-05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-024A	1005428-025A	1005428-026A	1005428-027A	Reporting Limit for DF =1	
Client ID	B1-BW-CP-005-20100518-EX	B1-BW-CP-006-20100518-EX	B17-WS-CP-001-20100518	B17-WS-CP-002-20100518		
Matrix	S	S	S	S		
DF	1	1	500	500	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<250	ND<250	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<250	ND<250	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<250	ND<250	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<250	ND<250	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<250	ND<250	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<250	ND<250	0.05	NA
Aroclor1260	ND<0.50	ND<0.50	ND<250	ND<250	0.05	NA
PCBs, total	ND<0.50	ND<0.50	ND<250	ND<250	0.05	NA
Surrogate Recoveries (%)						
%SS:	84	87	---#	---#		
Comments	a14,h4	a14,h4	a14,h4	a1,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/12/10-05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-028A	1005428-029A	1005428-030A	1005428-035A	Reporting Limit for DF =1	
Client ID	B17-WS-CP-003-20100518	B17-WS-CP-004-20100518	B17-WS-CP-005-20100518	B8-CW-CP-001-20100518		
Matrix	S	S	S	S		
DF	200	200	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<100	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<100	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<100	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<100	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<100	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<100	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	ND<100	ND<100	ND<0.50	1.1	0.05	NA
PCBs, total	ND<100	ND<100	ND<0.50	1.1	0.05	NA
Surrogate Recoveries (%)						
%SS:	---#	---#	80	76		
Comments	a1,h4	a1,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a1) sample diluted due to matrix interference
a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

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Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/12/10-05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-036A				Reporting Limit for DF =1	
Client ID	B8-CW-CP-002-20100518					
Matrix	S					
DF	1				S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50				0.05	NA
Aroclor1221	ND<0.50				0.05	NA
Aroclor1232	ND<0.50				0.05	NA
Aroclor1242	ND<0.50				0.05	NA
Aroclor1248	ND<0.50				0.05	NA
Aroclor1254	ND<0.50				0.05	NA
Aroclor1260	0.96				0.05	NA
PCBs, total	0.96				0.05	NA
Surrogate Recoveries (%)						
%SS:	74					
Comments	a14,h4					

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a1) sample diluted due to matrix interference
a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/19/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3510C Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-037A	1005428-038A			Reporting Limit for DF =1	
Client ID	EB-001-20100518	EB-002-20100518				
Matrix	W	W				
DF	1	1			S	W
Compound	**Concentration**				ug/kg	µg/L
Aroclor1016	ND	ND			NA	0.5
Aroclor1221	ND	ND			NA	0.5
Aroclor1232	ND	ND			NA	0.5
Aroclor1242	ND	ND			NA	0.5
Aroclor1248	ND	ND			NA	0.5
Aroclor1254	ND	ND			NA	0.5
Aroclor1260	ND	ND			NA	0.5
PCBs, total	ND	ND			NA	0.5
Surrogate Recoveries (%)						
%SS:	82	81				
Comments						

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

DHS ELAP Certification 1644

AR Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005428

Lab ID	1005428-001A	1005428-008A	1005428-009A	1005428-010A	Reporting Limit for DF =1	
Client ID	B2-BW-WP-008-20100518	B2-GW-WP-011-20100518	B2-GW-WP-012-20100518	B2-EQ-WP-013-20100518		
Matrix	Wipe	Wipe	Wipe	Wipe		
DF	50	1	1	1	Wipe	W
Compound	**Concentration**				µg/wipe	ug/L
Aroclor1016	ND<25	ND	ND	ND	0.5	NA
Aroclor1221	ND<25	ND	ND	ND	0.5	NA
Aroclor1232	ND<25	ND	ND	ND	0.5	NA
Aroclor1242	ND<25	ND	ND	ND	0.5	NA
Aroclor1248	ND<25	ND	ND	ND	0.5	NA
Aroclor1254	ND<25	ND	ND	ND	0.5	NA
Aroclor1260	ND<25	ND	ND	ND	0.5	NA
PCBs, total	ND<25	ND	ND	ND	0.5	NA
Surrogate Recoveries (%)						
%SS:	---#	72	70	72		
Comments	a14,h4	h4	h4	h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/27/10

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 1005428

Lab ID	1005428-026B
Client ID	B17-WS-CP-001-20100518
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<820	500	0.33	Acenaphthylene	ND<820	500	0.33
Acetochlor	ND<820	500	0.33	Anthracene	ND<820	500	0.33
Benzidine	ND<4000	500	1.6	Benzoic Acid	ND<4000	500	1.6
Benzo(a)anthracene	ND<820	500	0.33	Benzo(b)fluoranthene	ND<820	500	0.33
Benzo(k)fluoranthene	ND<820	500	0.33	Benzo(g,h,i)perylene	ND<820	500	0.33
Benzo(a)pyrene	ND<820	500	0.33	Benzyl Alcohol	ND<4000	500	1.6
1,1-Biphenyl	ND<820	500	0.33	Bis (2-chloroethoxy) Methane	ND<820	500	0.33
Bis (2-chloroethyl) Ether	ND<820	500	0.33	Bis (2-chloroisopropyl) Ether	ND<820	500	0.33
Bis (2-ethylhexyl) Phthalate	ND<820	500	0.33	4-Bromophenyl Phenyl Ether	ND<820	500	0.33
Butylbenzyl Phthalate	ND<820	500	0.33	4-Chloroaniline	ND<1600	500	0.66
4-Chloro-3-methylphenol	ND<820	500	0.33	2-Chloronaphthalene	ND<820	500	0.33
2-Chlorophenol	ND<820	500	0.33	4-Chlorophenyl Phenyl Ether	ND<820	500	0.33
Chrysene	ND<820	500	0.33	Dibenzo(a,h)anthracene	ND<820	500	0.33
Dibenzofuran	ND<820	500	0.33	Di-n-butyl Phthalate	ND<820	500	0.33
1,2-Dichlorobenzene	ND<820	500	0.33	1,3-Dichlorobenzene	ND<820	500	0.33
1,4-Dichlorobenzene	ND<820	500	0.33	3,3-Dichlorobenzidine	ND<1600	500	0.66
2,4-Dichlorophenol	ND<820	500	0.33	Diethyl Phthalate	ND<820	500	0.33
2,4-Dimethylphenol	ND<820	500	0.33	Dimethyl Phthalate	ND<820	500	0.33
4,6-Dinitro-2-methylphenol	ND<4000	500	1.6	2,4-Dinitrophenol	ND<4000	500	1.6
2,4-Dinitrotoluene	ND<820	500	0.33	2,6-Dinitrotoluene	ND<820	500	0.33
Di-n-octyl Phthalate	ND<820	500	0.33	1,2-Diphenylhydrazine	ND<820	500	0.33
Fluoranthene	ND<820	500	0.33	Fluorene	ND<820	500	0.33
Hexachlorobenzene	ND<820	500	0.33	Hexachlorobutadiene	ND<820	500	0.33
Hexachlorocyclopentadiene	ND<4000	500	1.6	Hexachloroethane	ND<820	500	0.33
Indeno (1,2,3-cd) pyrene	ND<820	500	0.33	Isophorone	ND<820	500	0.33
2-Methylnaphthalene	ND<820	500	0.33	2-Methylphenol (o-Cresol)	ND<820	500	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<820	500	0.33	Naphthalene	ND<820	500	0.33
2-Nitroaniline	ND<4000	500	1.6	3-Nitroaniline	ND<4000	500	1.6
4-Nitroaniline	ND<4000	500	1.6	Nitrobenzene	ND<820	500	0.33
2-Nitrophenol	ND<4000	500	1.6	4-Nitrophenol	ND<4000	500	1.6
N-Nitrosodiphenylamine	ND<820	500	0.33	N-Nitrosodi-n-propylamine	ND<820	500	0.33
Pentachlorophenol	6300	500	1.6	Phenanthrene	ND<820	500	0.33
Phenol	ND<820	500	0.33	Pyrene	ND<820	500	0.33
1,2,4-Trichlorobenzene	ND<820	500	0.33	2,4,5-Trichlorophenol	ND<820	500	0.33
2,4,6-Trichlorophenol	ND<820	500	0.33				

Surrogate Recoveries (%)

%SS1:	---#	%SS2:	---#
%SS3:	---#	%SS4:	---#
%SS5:	---#	%SS6:	---#

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

a14) reporting limit raised due to the physical nature of the sample

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Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/26/10

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 1005428

Lab ID	1005428-027B
Client ID	B17-WS-CP-002-20100518
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<500	300	0.33	Acenaphthylene	ND<500	300	0.33
Acetochlor	ND<500	300	0.33	Anthracene	ND<500	300	0.33
Benzidine	ND<2400	300	1.6	Benzoic Acid	ND<2400	300	1.6
Benzo(a)anthracene	ND<500	300	0.33	Benzo(b)fluoranthene	ND<500	300	0.33
Benzo(k)fluoranthene	ND<500	300	0.33	Benzo(g,h,i)perylene	ND<500	300	0.33
Benzo(a)pyrene	ND<500	300	0.33	Benzyl Alcohol	ND<2400	300	1.6
1,1-Biphenyl	ND<500	300	0.33	Bis (2-chloroethoxy) Methane	ND<500	300	0.33
Bis (2-chloroethyl) Ether	ND<500	300	0.33	Bis (2-chloroisopropyl) Ether	ND<500	300	0.33
Bis (2-ethylhexyl) Phthalate	ND<500	300	0.33	4-Bromophenyl Phenyl Ether	ND<500	300	0.33
Butylbenzyl Phthalate	ND<500	300	0.33	4-Chloroaniline	ND<990	300	0.66
4-Chloro-3-methylphenol	ND<500	300	0.33	2-Chloronaphthalene	ND<500	300	0.33
2-Chlorophenol	ND<500	300	0.33	4-Chlorophenyl Phenyl Ether	ND<500	300	0.33
Chrysene	ND<500	300	0.33	Dibenzo(a,h)anthracene	ND<500	300	0.33
Dibenzofuran	ND<500	300	0.33	Di-n-butyl Phthalate	ND<500	300	0.33
1,2-Dichlorobenzene	ND<500	300	0.33	1,3-Dichlorobenzene	ND<500	300	0.33
1,4-Dichlorobenzene	ND<500	300	0.33	3,3-Dichlorobenzidine	ND<990	300	0.66
2,4-Dichlorophenol	ND<500	300	0.33	Diethyl Phthalate	ND<500	300	0.33
2,4-Dimethylphenol	ND<500	300	0.33	Dimethyl Phthalate	ND<500	300	0.33
4,6-Dinitro-2-methylphenol	ND<2400	300	1.6	2,4-Dinitrophenol	ND<2400	300	1.6
2,4-Dinitrotoluene	ND<500	300	0.33	2,6-Dinitrotoluene	ND<500	300	0.33
Di-n-octyl Phthalate	ND<500	300	0.33	1,2-Diphenylhydrazine	ND<500	300	0.33
Fluoranthene	ND<500	300	0.33	Fluorene	ND<500	300	0.33
Hexachlorobenzene	ND<500	300	0.33	Hexachlorobutadiene	ND<500	300	0.33
Hexachlorocyclopentadiene	ND<2400	300	1.6	Hexachloroethane	ND<500	300	0.33
Indeno (1,2,3-cd) pyrene	ND<500	300	0.33	Isophorone	ND<500	300	0.33
2-Methylnaphthalene	ND<500	300	0.33	2-Methylphenol (o-Cresol)	ND<500	300	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<500	300	0.33	Naphthalene	ND<500	300	0.33
2-Nitroaniline	ND<2400	300	1.6	3-Nitroaniline	ND<2400	300	1.6
4-Nitroaniline	ND<2400	300	1.6	Nitrobenzene	ND<500	300	0.33
2-Nitrophenol	ND<2400	300	1.6	4-Nitrophenol	ND<2400	300	1.6
N-Nitrosodiphenylamine	ND<500	300	0.33	N-Nitrosodi-n-propylamine	ND<500	300	0.33
Pentachlorophenol	4400	300	1.6	Phenanthrene	ND<500	300	0.33
Phenol	ND<500	300	0.33	Pyrene	ND<500	300	0.33
1,2,4-Trichlorobenzene	ND<500	300	0.33	2,4,5-Trichlorophenol	ND<500	300	0.33
2,4,6-Trichlorophenol	ND<500	300	0.33				

Surrogate Recoveries (%)

%SS1:	---#	%SS2:	---#
%SS3:	---#	%SS4:	---#
%SS5:	---#	%SS6:	---#

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

a14) reporting limit raised due to the physical nature of the sample

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/27/10

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 1005428

Lab ID	1005428-028B
Client ID	B17-WS-CP-003-20100518
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<820	500	0.33	Acenaphthylene	ND<820	500	0.33
Acetochlor	ND<820	500	0.33	Anthracene	ND<820	500	0.33
Benzidine	ND<4000	500	1.6	Benzoic Acid	ND<4000	500	1.6
Benzo(a)anthracene	ND<820	500	0.33	Benzo(b)fluoranthene	ND<820	500	0.33
Benzo(k)fluoranthene	ND<820	500	0.33	Benzo(g,h,i)perylene	ND<820	500	0.33
Benzo(a)pyrene	ND<820	500	0.33	Benzyl Alcohol	ND<4000	500	1.6
1,1-Biphenyl	ND<820	500	0.33	Bis (2-chloroethoxy) Methane	ND<820	500	0.33
Bis (2-chloroethyl) Ether	ND<820	500	0.33	Bis (2-chloroisopropyl) Ether	ND<820	500	0.33
Bis (2-ethylhexyl) Phthalate	ND<820	500	0.33	4-Bromophenyl Phenyl Ether	ND<820	500	0.33
Butylbenzyl Phthalate	ND<820	500	0.33	4-Chloroaniline	ND<1600	500	0.66
4-Chloro-3-methylphenol	ND<820	500	0.33	2-Chloronaphthalene	ND<820	500	0.33
2-Chlorophenol	ND<820	500	0.33	4-Chlorophenyl Phenyl Ether	ND<820	500	0.33
Chrysene	ND<820	500	0.33	Dibenzo(a,h)anthracene	ND<820	500	0.33
Dibenzofuran	ND<820	500	0.33	Di-n-butyl Phthalate	ND<820	500	0.33
1,2-Dichlorobenzene	ND<820	500	0.33	1,3-Dichlorobenzene	ND<820	500	0.33
1,4-Dichlorobenzene	ND<820	500	0.33	3,3-Dichlorobenzidine	ND<1600	500	0.66
2,4-Dichlorophenol	ND<820	500	0.33	Diethyl Phthalate	ND<820	500	0.33
2,4-Dimethylphenol	ND<820	500	0.33	Dimethyl Phthalate	ND<820	500	0.33
4,6-Dinitro-2-methylphenol	ND<4000	500	1.6	2,4-Dinitrophenol	ND<4000	500	1.6
2,4-Dinitrotoluene	ND<820	500	0.33	2,6-Dinitrotoluene	ND<820	500	0.33
Di-n-octyl Phthalate	ND<820	500	0.33	1,2-Diphenylhydrazine	ND<820	500	0.33
Fluoranthene	ND<820	500	0.33	Fluorene	ND<820	500	0.33
Hexachlorobenzene	ND<820	500	0.33	Hexachlorobutadiene	ND<820	500	0.33
Hexachlorocyclopentadiene	ND<4000	500	1.6	Hexachloroethane	ND<820	500	0.33
Indeno (1,2,3-cd) pyrene	ND<820	500	0.33	Isophorone	ND<820	500	0.33
2-Methylnaphthalene	ND<820	500	0.33	2-Methylphenol (o-Cresol)	ND<820	500	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<820	500	0.33	Naphthalene	ND<820	500	0.33
2-Nitroaniline	ND<4000	500	1.6	3-Nitroaniline	ND<4000	500	1.6
4-Nitroaniline	ND<4000	500	1.6	Nitrobenzene	ND<820	500	0.33
2-Nitrophenol	ND<4000	500	1.6	4-Nitrophenol	ND<4000	500	1.6
N-Nitrosodiphenylamine	ND<820	500	0.33	N-Nitrosodi-n-propylamine	ND<820	500	0.33
Pentachlorophenol	5600	500	1.6	Phenanthrene	ND<820	500	0.33
Phenol	ND<820	500	0.33	Pyrene	ND<820	500	0.33
1,2,4-Trichlorobenzene	ND<820	500	0.33	2,4,5-Trichlorophenol	ND<820	500	0.33
2,4,6-Trichlorophenol	ND<820	500	0.33				

Surrogate Recoveries (%)

%SS1:	---#	%SS2:	---#
%SS3:	---#	%SS4:	---#
%SS5:	---#	%SS6:	---#

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

a14) reporting limit raised due to the physical nature of the sample

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/27/10

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 1005428

Lab ID	1005428-029B
Client ID	B17-WS-CP-004-20100518
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<820	500	0.33	Acenaphthylene	ND<820	500	0.33
Acetochlor	ND<820	500	0.33	Anthracene	ND<820	500	0.33
Benzidine	ND<4000	500	1.6	Benzoic Acid	ND<4000	500	1.6
Benzo(a)anthracene	ND<820	500	0.33	Benzo(b)fluoranthene	ND<820	500	0.33
Benzo(k)fluoranthene	ND<820	500	0.33	Benzo(g,h,i)perylene	ND<820	500	0.33
Benzo(a)pyrene	ND<820	500	0.33	Benzyl Alcohol	ND<4000	500	1.6
1,1-Biphenyl	ND<820	500	0.33	Bis (2-chloroethoxy) Methane	ND<820	500	0.33
Bis (2-chloroethyl) Ether	ND<820	500	0.33	Bis (2-chloroisopropyl) Ether	ND<820	500	0.33
Bis (2-ethylhexyl) Phthalate	ND<820	500	0.33	4-Bromophenyl Phenyl Ether	ND<820	500	0.33
Butylbenzyl Phthalate	ND<820	500	0.33	4-Chloroaniline	ND<1600	500	0.66
4-Chloro-3-methylphenol	ND<820	500	0.33	2-Chloronaphthalene	ND<820	500	0.33
2-Chlorophenol	ND<820	500	0.33	4-Chlorophenyl Phenyl Ether	ND<820	500	0.33
Chrysene	ND<820	500	0.33	Dibenzo(a,h)anthracene	ND<820	500	0.33
Dibenzofuran	ND<820	500	0.33	Di-n-butyl Phthalate	ND<820	500	0.33
1,2-Dichlorobenzene	ND<820	500	0.33	1,3-Dichlorobenzene	ND<820	500	0.33
1,4-Dichlorobenzene	ND<820	500	0.33	3,3-Dichlorobenzidine	ND<1600	500	0.66
2,4-Dichlorophenol	ND<820	500	0.33	Diethyl Phthalate	ND<820	500	0.33
2,4-Dimethylphenol	ND<820	500	0.33	Dimethyl Phthalate	ND<820	500	0.33
4,6-Dinitro-2-methylphenol	ND<4000	500	1.6	2,4-Dinitrophenol	ND<4000	500	1.6
2,4-Dinitrotoluene	ND<820	500	0.33	2,6-Dinitrotoluene	ND<820	500	0.33
Di-n-octyl Phthalate	ND<820	500	0.33	1,2-Diphenylhydrazine	ND<820	500	0.33
Fluoranthene	ND<820	500	0.33	Fluorene	ND<820	500	0.33
Hexachlorobenzene	ND<820	500	0.33	Hexachlorobutadiene	ND<820	500	0.33
Hexachlorocyclopentadiene	ND<4000	500	1.6	Hexachloroethane	ND<820	500	0.33
Indeno (1,2,3-cd) pyrene	ND<820	500	0.33	Isophorone	ND<820	500	0.33
2-Methylnaphthalene	ND<820	500	0.33	2-Methylphenol (o-Cresol)	ND<820	500	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<820	500	0.33	Naphthalene	ND<820	500	0.33
2-Nitroaniline	ND<4000	500	1.6	3-Nitroaniline	ND<4000	500	1.6
4-Nitroaniline	ND<4000	500	1.6	Nitrobenzene	ND<820	500	0.33
2-Nitrophenol	ND<4000	500	1.6	4-Nitrophenol	ND<4000	500	1.6
N-Nitrosodiphenylamine	ND<820	500	0.33	N-Nitrosodi-n-propylamine	ND<820	500	0.33
Pentachlorophenol	5900	500	1.6	Phenanthrene	ND<820	500	0.33
Phenol	ND<820	500	0.33	Pyrene	ND<820	500	0.33
1,2,4-Trichlorobenzene	ND<820	500	0.33	2,4,5-Trichlorophenol	ND<820	500	0.33
2,4,6-Trichlorophenol	ND<820	500	0.33				

Surrogate Recoveries (%)

%SS1:	---#	%SS2:	---#
%SS3:	---#	%SS4:	---#
%SS5:	---#	%SS6:	---#

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

a14) reporting limit raised due to the physical nature of the sample

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/25/10

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 1005428

Lab ID	1005428-030B
Client ID	B17-WS-CP-005-20100518
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	1.0	0.33	Acenaphthylene	ND<1.6	1.0	0.33
Acetochlor	ND<1.6	1.0	0.33	Anthracene	ND<1.6	1.0	0.33
Benzidine	ND<8.0	1.0	1.6	Benzoic Acid	ND<8.0	1.0	1.6
Benzo(a)anthracene	ND<1.6	1.0	0.33	Benzo(b)fluoranthene	ND<1.6	1.0	0.33
Benzo(k)fluoranthene	ND<1.6	1.0	0.33	Benzo(g,h,i)perylene	ND<1.6	1.0	0.33
Benzo(a)pyrene	ND<1.6	1.0	0.33	Benzyl Alcohol	ND<8.0	1.0	1.6
1,1-Biphenyl	ND<1.6	1.0	0.33	Bis (2-chloroethoxy) Methane	ND<1.6	1.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	1.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	1.0	0.33
Butylbenzyl Phthalate	ND<1.6	1.0	0.33	4-Chloroaniline	ND<3.3	1.0	0.66
4-Chloro-3-methylphenol	ND<1.6	1.0	0.33	2-Chloronaphthalene	ND<1.6	1.0	0.33
2-Chlorophenol	ND<1.6	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	1.0	0.33
Chrysene	ND<1.6	1.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	1.0	0.33
Dibenzofuran	ND<1.6	1.0	0.33	Di-n-butyl Phthalate	ND<1.6	1.0	0.33
1,2-Dichlorobenzene	ND<1.6	1.0	0.33	1,3-Dichlorobenzene	ND<1.6	1.0	0.33
1,4-Dichlorobenzene	ND<1.6	1.0	0.33	3,3-Dichlorobenzidine	ND<3.3	1.0	0.66
2,4-Dichlorophenol	ND<1.6	1.0	0.33	Diethyl Phthalate	ND<1.6	1.0	0.33
2,4-Dimethylphenol	ND<1.6	1.0	0.33	Dimethyl Phthalate	ND<1.6	1.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	1.0	1.6	2,4-Dinitrophenol	ND<8.0	1.0	1.6
2,4-Dinitrotoluene	ND<1.6	1.0	0.33	2,6-Dinitrotoluene	ND<1.6	1.0	0.33
Di-n-octyl Phthalate	ND<1.6	1.0	0.33	1,2-Diphenylhydrazine	ND<1.6	1.0	0.33
Fluoranthene	ND<1.6	1.0	0.33	Fluorene	ND<1.6	1.0	0.33
Hexachlorobenzene	ND<1.6	1.0	0.33	Hexachlorobutadiene	ND<1.6	1.0	0.33
Hexachlorocyclopentadiene	ND<8.0	1.0	1.6	Hexachloroethane	ND<1.6	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	1.0	0.33	Isophorone	ND<1.6	1.0	0.33
2-Methylnaphthalene	ND<1.6	1.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<1.6	1.0	0.33	Naphthalene	ND<1.6	1.0	0.33
2-Nitroaniline	ND<8.0	1.0	1.6	3-Nitroaniline	ND<8.0	1.0	1.6
4-Nitroaniline	ND<8.0	1.0	1.6	Nitrobenzene	ND<1.6	1.0	0.33
2-Nitrophenol	ND<8.0	1.0	1.6	4-Nitrophenol	ND<8.0	1.0	1.6
N-Nitrosodiphenylamine	ND<1.6	1.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	1.0	0.33
Pentachlorophenol	ND<8.0	1.0	1.6	Phenanthrene	ND<1.6	1.0	0.33
Phenol	ND<1.6	1.0	0.33	Pyrene	ND<1.6	1.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	1.0	0.33	2,4,5-Trichlorophenol	ND<1.6	1.0	0.33
2,4,6-Trichlorophenol	ND<1.6	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	89	%SS2:	103
%SS3:	107	%SS4:	92
%SS5:	84	%SS6:	97

Comments: a14

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

a14) reporting limit raised due to the physical nature of the sample

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 05/18/10
Oakland, CA 94612	Client P.O.:	Date Analyzed 05/20/10-05/21/10

CAM / CCR 17 Metals*

Lab ID	1005428-002B	1005428-006B	1005428-022B	1005428-032B	Reporting Limit for DF =1; ND means not detected above the reporting limit	
Client ID	B2-BW-PP-008-20100518	B2-BW-PP-010-20100518	B1-BW-PP-001-20100518-EX	TK-MW-PP-001-20100518		
Matrix	C	C	C	C	C	W
Extraction Type	TOTAL	TOTAL	TOTAL	TOTAL	mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method: 6020A Extraction Method: SW3050B Work Order: 1005428

Dilution Factor	1	10	1	10	1	1
Antimony	120	110	310	ND<5.0	0.5	NA
Arsenic	7.0	10	15	11	0.5	NA
Barium	1200	920	250	3900	5.0	NA
Beryllium	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.5	NA
Cadmium	18	20	110	ND<2.5	0.25	NA
Chromium	2600	1400	2200	2800	0.5	NA
Cobalt	46	30	260	160	0.5	NA
Copper	49	98	140	55	0.5	NA
Lead	12,000	7200	19,000	46,000	0.5	NA
Mercury	5.6	24	0.55	ND<0.50	0.05	NA
Molybdenum	ND<5.0	8.9	7.7	ND<5.0	0.5	NA
Nickel	6.7	10	38	25	0.5	NA
Selenium	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.5	NA
Silver	16	ND<5.0	ND<5.0	ND<5.0	0.5	NA
Thallium	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.5	NA
Vanadium	34	100	280	10	0.5	NA
Zinc	11,000	8300	51,000	1100	5.0	NA
%SS:	97	102	100	103		
Comments	a16	a16	a16	a16		

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid/paint chip samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

a16) reporting limit raised due to high metals content

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/19/10-05/20/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/27/10

Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW1311 (ZHETCLP)/SW5030B Analytical Method: SW8260B Work Order: 1005428

Lab ID	1005428-026B						
Client ID	B17-WS-CP-001-20100518						
Matrix	Solid						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.2	tert-Amyl methyl ether (TAME)	ND	1.0	0.0005
Benzene	ND	1.0	0.0005	Bromobenzene	ND	1.0	0.0005
Bromochloromethane	ND	1.0	0.0005	Bromodichloromethane	ND	1.0	0.0005
Bromoform	ND	1.0	0.0005	Bromomethane	ND	1.0	0.0005
2-Butanone (MEK)	ND	1.0	0.5	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.0005	sec-Butyl benzene	ND	1.0	0.0005
tert-Butyl benzene	ND	1.0	0.0005	Carbon Disulfide	ND	1.0	0.0005
Carbon Tetrachloride	ND	1.0	0.0005	Chlorobenzene	ND	1.0	0.0005
Chloroethane	ND	1.0	0.0005	Chloroform	ND	1.0	0.0005
Chloromethane	ND	1.0	0.0005	2-Chlorotoluene	ND	1.0	0.0005
4-Chlorotoluene	ND	1.0	0.0005	Dibromochloromethane	ND	1.0	0.0005
1,2-Dibromo-3-chloropropane	ND	1.0	0.0005	1,2-Dibromoethane (EDB)	ND	1.0	0.0005
Dibromomethane	ND	1.0	0.0005	1,2-Dichlorobenzene	ND	1.0	0.0005
1,3-Dichlorobenzene	ND	1.0	0.0005	1,4-Dichlorobenzene	ND	1.0	0.0005
Dichlorodifluoromethane	ND	1.0	0.0005	1,1-Dichloroethane	ND	1.0	0.0005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.0005	1,1-Dichloroethene	ND	1.0	0.0005
cis-1,2-Dichloroethene	ND	1.0	0.0005	trans-1,2-Dichloroethene	ND	1.0	0.0005
1,2-Dichloropropane	ND	1.0	0.0005	1,3-Dichloropropane	ND	1.0	0.0005
2,2-Dichloropropane	ND	1.0	0.0005	1,1-Dichloropropene	ND	1.0	0.0005
cis-1,3-Dichloropropene	ND	1.0	0.0005	trans-1,3-Dichloropropene	ND	1.0	0.0005
Diisopropyl ether (DIPE)	ND	1.0	0.0005	Ethylbenzene	ND	1.0	0.0005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.0005	Freon 113	ND	1.0	0.01
Hexachlorobutadiene	ND	1.0	0.0005	Hexachloroethane	ND	1.0	0.0005
2-Hexanone	ND	1.0	0.02	Isopropylbenzene	ND	1.0	0.0005
4-Isopropyl toluene	ND	1.0	0.0005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.0005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	0.013	1.0	0.0005	n-Propyl benzene	ND	1.0	0.0005
Styrene	ND	1.0	0.0005	1,1,1,2-Tetrachloroethane	ND	1.0	0.0005
1,1,2,2-Tetrachloroethane	ND	1.0	0.0005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.0005
1,2,4-Trichlorobenzene	ND	1.0	0.0005	1,1,1-Trichloroethane	ND	1.0	0.0005
1,1,2-Trichloroethane	ND	1.0	0.0005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.0005	1,2,3-Trichloropropane	ND	1.0	0.0005
1,2,4-Trimethylbenzene	ND	1.0	0.0005	1,3,5-Trimethylbenzene	ND	1.0	0.0005
Vinyl Chloride	ND	1.0	0.0005	Xylenes	ND	1.0	0.0005

Surrogate Recoveries (%)

%SS1:	109	%SS2:	109
%SS3:	76		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak; &) low/high surrogate recovery due to matrix interference.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/19/10-05/20/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/27/10

Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW1311 (ZHETCLP)/SW5030B Analytical Method: SW8260B Work Order: 1005428

Lab ID	1005428-027B						
Client ID	B17-WS-CP-002-20100518						
Matrix	Solid						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.2	tert-Amyl methyl ether (TAME)	ND	1.0	0.0005
Benzene	ND	1.0	0.0005	Bromobenzene	ND	1.0	0.0005
Bromochloromethane	ND	1.0	0.0005	Bromodichloromethane	ND	1.0	0.0005
Bromoform	ND	1.0	0.0005	Bromomethane	ND	1.0	0.0005
2-Butanone (MEK)	ND	1.0	0.5	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.0005	sec-Butyl benzene	ND	1.0	0.0005
tert-Butyl benzene	ND	1.0	0.0005	Carbon Disulfide	ND	1.0	0.0005
Carbon Tetrachloride	ND	1.0	0.0005	Chlorobenzene	ND	1.0	0.0005
Chloroethane	ND	1.0	0.0005	Chloroform	ND	1.0	0.0005
Chloromethane	ND	1.0	0.0005	2-Chlorotoluene	ND	1.0	0.0005
4-Chlorotoluene	ND	1.0	0.0005	Dibromochloromethane	ND	1.0	0.0005
1,2-Dibromo-3-chloropropane	ND	1.0	0.0005	1,2-Dibromoethane (EDB)	ND	1.0	0.0005
Dibromomethane	ND	1.0	0.0005	1,2-Dichlorobenzene	ND	1.0	0.0005
1,3-Dichlorobenzene	ND	1.0	0.0005	1,4-Dichlorobenzene	ND	1.0	0.0005
Dichlorodifluoromethane	ND	1.0	0.0005	1,1-Dichloroethane	ND	1.0	0.0005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.0005	1,1-Dichloroethene	ND	1.0	0.0005
cis-1,2-Dichloroethene	ND	1.0	0.0005	trans-1,2-Dichloroethene	ND	1.0	0.0005
1,2-Dichloropropane	ND	1.0	0.0005	1,3-Dichloropropane	ND	1.0	0.0005
2,2-Dichloropropane	ND	1.0	0.0005	1,1-Dichloropropene	ND	1.0	0.0005
cis-1,3-Dichloropropene	ND	1.0	0.0005	trans-1,3-Dichloropropene	ND	1.0	0.0005
Diisopropyl ether (DIPE)	ND	1.0	0.0005	Ethylbenzene	ND	1.0	0.0005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.0005	Freon 113	ND	1.0	0.01
Hexachlorobutadiene	ND	1.0	0.0005	Hexachloroethane	ND	1.0	0.0005
2-Hexanone	ND	1.0	0.02	Isopropylbenzene	ND	1.0	0.0005
4-Isopropyl toluene	ND	1.0	0.0005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.0005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	0.0024	1.0	0.0005	n-Propyl benzene	ND	1.0	0.0005
Styrene	ND	1.0	0.0005	1,1,1,2-Tetrachloroethane	ND	1.0	0.0005
1,1,2,2-Tetrachloroethane	ND	1.0	0.0005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.0005
1,2,4-Trichlorobenzene	ND	1.0	0.0005	1,1,1-Trichloroethane	ND	1.0	0.0005
1,1,2-Trichloroethane	ND	1.0	0.0005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.0005	1,2,3-Trichloropropane	ND	1.0	0.0005
1,2,4-Trimethylbenzene	ND	1.0	0.0005	1,3,5-Trimethylbenzene	ND	1.0	0.0005
Vinyl Chloride	ND	1.0	0.0005	Xylenes	ND	1.0	0.0005

Surrogate Recoveries (%)

%SS1:	107	%SS2:	109
%SS3:	77		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak; &) low/high surrogate recovery due to matrix interference.

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/19/10-05/20/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/27/10

Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW1311 (ZHETCLP)/SW5030B Analytical Method: SW8260B Work Order: 1005428

Lab ID	1005428-028B						
Client ID	B17-WS-CP-003-20100518						
Matrix	Solid						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.2	tert-Amyl methyl ether (TAME)	ND	1.0	0.0005
Benzene	ND	1.0	0.0005	Bromobenzene	ND	1.0	0.0005
Bromochloromethane	ND	1.0	0.0005	Bromodichloromethane	ND	1.0	0.0005
Bromoform	ND	1.0	0.0005	Bromomethane	ND	1.0	0.0005
2-Butanone (MEK)	ND	1.0	0.5	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.0005	sec-Butyl benzene	ND	1.0	0.0005
tert-Butyl benzene	ND	1.0	0.0005	Carbon Disulfide	ND	1.0	0.0005
Carbon Tetrachloride	ND	1.0	0.0005	Chlorobenzene	ND	1.0	0.0005
Chloroethane	ND	1.0	0.0005	Chloroform	ND	1.0	0.0005
Chloromethane	ND	1.0	0.0005	2-Chlorotoluene	ND	1.0	0.0005
4-Chlorotoluene	ND	1.0	0.0005	Dibromochloromethane	ND	1.0	0.0005
1,2-Dibromo-3-chloropropane	ND	1.0	0.0005	1,2-Dibromoethane (EDB)	ND	1.0	0.0005
Dibromomethane	ND	1.0	0.0005	1,2-Dichlorobenzene	ND	1.0	0.0005
1,3-Dichlorobenzene	ND	1.0	0.0005	1,4-Dichlorobenzene	ND	1.0	0.0005
Dichlorodifluoromethane	ND	1.0	0.0005	1,1-Dichloroethane	ND	1.0	0.0005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.0005	1,1-Dichloroethene	ND	1.0	0.0005
cis-1,2-Dichloroethene	ND	1.0	0.0005	trans-1,2-Dichloroethene	ND	1.0	0.0005
1,2-Dichloropropane	ND	1.0	0.0005	1,3-Dichloropropane	ND	1.0	0.0005
2,2-Dichloropropane	ND	1.0	0.0005	1,1-Dichloropropene	ND	1.0	0.0005
cis-1,3-Dichloropropene	ND	1.0	0.0005	trans-1,3-Dichloropropene	ND	1.0	0.0005
Diisopropyl ether (DIPE)	ND	1.0	0.0005	Ethylbenzene	ND	1.0	0.0005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.0005	Freon 113	ND	1.0	0.01
Hexachlorobutadiene	ND	1.0	0.0005	Hexachloroethane	ND	1.0	0.0005
2-Hexanone	ND	1.0	0.02	Isopropylbenzene	ND	1.0	0.0005
4-Isopropyl toluene	ND	1.0	0.0005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.0005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	0.0062	1.0	0.005
Naphthalene	0.022	1.0	0.0005	n-Propyl benzene	ND	1.0	0.0005
Styrene	ND	1.0	0.0005	1,1,1,2-Tetrachloroethane	ND	1.0	0.0005
1,1,2,2-Tetrachloroethane	ND	1.0	0.0005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.0005
1,2,4-Trichlorobenzene	ND	1.0	0.0005	1,1,1-Trichloroethane	ND	1.0	0.0005
1,1,2-Trichloroethane	ND	1.0	0.0005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.0005	1,2,3-Trichloropropane	ND	1.0	0.0005
1,2,4-Trimethylbenzene	ND	1.0	0.0005	1,3,5-Trimethylbenzene	ND	1.0	0.0005
Vinyl Chloride	ND	1.0	0.0005	Xylenes	0.00064	1.0	0.0005

Surrogate Recoveries (%)

%SS1:	108	%SS2:	107
%SS3:	78		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak; &) low/high surrogate recovery due to matrix interference.

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/19/10-05/20/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/28/10

Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW1311 (ZHETCLP)/SW5030B Analytical Method: SW8260B Work Order: 1005428

Lab ID	1005428-029B						
Client ID	B17-WS-CP-004-20100518						
Matrix	Solid						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.2	tert-Amyl methyl ether (TAME)	ND	1.0	0.0005
Benzene	ND	1.0	0.0005	Bromobenzene	ND	1.0	0.0005
Bromochloromethane	ND	1.0	0.0005	Bromodichloromethane	ND	1.0	0.0005
Bromoform	ND	1.0	0.0005	Bromomethane	ND	1.0	0.0005
2-Butanone (MEK)	ND	1.0	0.5	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.0005	sec-Butyl benzene	ND	1.0	0.0005
tert-Butyl benzene	ND	1.0	0.0005	Carbon Disulfide	ND	1.0	0.0005
Carbon Tetrachloride	ND	1.0	0.0005	Chlorobenzene	ND	1.0	0.0005
Chloroethane	ND	1.0	0.0005	Chloroform	ND	1.0	0.0005
Chloromethane	ND	1.0	0.0005	2-Chlorotoluene	ND	1.0	0.0005
4-Chlorotoluene	ND	1.0	0.0005	Dibromochloromethane	ND	1.0	0.0005
1,2-Dibromo-3-chloropropane	ND	1.0	0.0005	1,2-Dibromoethane (EDB)	ND	1.0	0.0005
Dibromomethane	ND	1.0	0.0005	1,2-Dichlorobenzene	ND	1.0	0.0005
1,3-Dichlorobenzene	ND	1.0	0.0005	1,4-Dichlorobenzene	ND	1.0	0.0005
Dichlorodifluoromethane	ND	1.0	0.0005	1,1-Dichloroethane	ND	1.0	0.0005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.0005	1,1-Dichloroethene	ND	1.0	0.0005
cis-1,2-Dichloroethene	ND	1.0	0.0005	trans-1,2-Dichloroethene	ND	1.0	0.0005
1,2-Dichloropropane	ND	1.0	0.0005	1,3-Dichloropropane	ND	1.0	0.0005
2,2-Dichloropropane	ND	1.0	0.0005	1,1-Dichloropropene	ND	1.0	0.0005
cis-1,3-Dichloropropene	ND	1.0	0.0005	trans-1,3-Dichloropropene	ND	1.0	0.0005
Diisopropyl ether (DIPE)	ND	1.0	0.0005	Ethylbenzene	ND	1.0	0.0005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.0005	Freon 113	ND	1.0	0.01
Hexachlorobutadiene	ND	1.0	0.0005	Hexachloroethane	ND	1.0	0.0005
2-Hexanone	ND	1.0	0.02	Isopropylbenzene	ND	1.0	0.0005
4-Isopropyl toluene	ND	1.0	0.0005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.0005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	0.024	1.0	0.0005	n-Propyl benzene	ND	1.0	0.0005
Styrene	ND	1.0	0.0005	1,1,1,2-Tetrachloroethane	ND	1.0	0.0005
1,1,2,2-Tetrachloroethane	ND	1.0	0.0005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.0005
1,2,4-Trichlorobenzene	ND	1.0	0.0005	1,1,1-Trichloroethane	ND	1.0	0.0005
1,1,2-Trichloroethane	ND	1.0	0.0005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.0005	1,2,3-Trichloropropane	ND	1.0	0.0005
1,2,4-Trimethylbenzene	ND	1.0	0.0005	1,3,5-Trimethylbenzene	ND	1.0	0.0005
Vinyl Chloride	ND	1.0	0.0005	Xylenes	ND	1.0	0.0005

Surrogate Recoveries (%)

%SS1:	115	%SS2:	113
%SS3:	115		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak; &) low/high surrogate recovery due to matrix interference.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
		Date Received: 05/18/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/19/10-05/20/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/28/10

Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW1311 (ZHETCLP)/SW5030B Analytical Method: SW8260B Work Order: 1005428

Lab ID	1005428-030B						
Client ID	B17-WS-CP-005-20100518						
Matrix	Solid						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.2	tert-Amyl methyl ether (TAME)	ND	1.0	0.0005
Benzene	ND	1.0	0.0005	Bromobenzene	ND	1.0	0.0005
Bromochloromethane	ND	1.0	0.0005	Bromodichloromethane	ND	1.0	0.0005
Bromoform	ND	1.0	0.0005	Bromomethane	ND	1.0	0.0005
2-Butanone (MEK)	ND	1.0	0.5	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.0005	sec-Butyl benzene	ND	1.0	0.0005
tert-Butyl benzene	ND	1.0	0.0005	Carbon Disulfide	ND	1.0	0.0005
Carbon Tetrachloride	ND	1.0	0.0005	Chlorobenzene	ND	1.0	0.0005
Chloroethane	ND	1.0	0.0005	Chloroform	ND	1.0	0.0005
Chloromethane	ND	1.0	0.0005	2-Chlorotoluene	ND	1.0	0.0005
4-Chlorotoluene	ND	1.0	0.0005	Dibromochloromethane	ND	1.0	0.0005
1,2-Dibromo-3-chloropropane	ND	1.0	0.0005	1,2-Dibromoethane (EDB)	ND	1.0	0.0005
Dibromomethane	ND	1.0	0.0005	1,2-Dichlorobenzene	ND	1.0	0.0005
1,3-Dichlorobenzene	ND	1.0	0.0005	1,4-Dichlorobenzene	ND	1.0	0.0005
Dichlorodifluoromethane	ND	1.0	0.0005	1,1-Dichloroethane	ND	1.0	0.0005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.0005	1,1-Dichloroethene	ND	1.0	0.0005
cis-1,2-Dichloroethene	ND	1.0	0.0005	trans-1,2-Dichloroethene	ND	1.0	0.0005
1,2-Dichloropropane	ND	1.0	0.0005	1,3-Dichloropropane	ND	1.0	0.0005
2,2-Dichloropropane	ND	1.0	0.0005	1,1-Dichloropropene	ND	1.0	0.0005
cis-1,3-Dichloropropene	ND	1.0	0.0005	trans-1,3-Dichloropropene	ND	1.0	0.0005
Diisopropyl ether (DIPE)	ND	1.0	0.0005	Ethylbenzene	ND	1.0	0.0005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.0005	Freon 113	ND	1.0	0.01
Hexachlorobutadiene	ND	1.0	0.0005	Hexachloroethane	ND	1.0	0.0005
2-Hexanone	ND	1.0	0.02	Isopropylbenzene	ND	1.0	0.0005
4-Isopropyl toluene	0.0048	1.0	0.0005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.0005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.0005	n-Propyl benzene	ND	1.0	0.0005
Styrene	ND	1.0	0.0005	1,1,1,2-Tetrachloroethane	ND	1.0	0.0005
1,1,2,2-Tetrachloroethane	ND	1.0	0.0005	Tetrachloroethene	ND	1.0	0.005
Toluene	0.0052	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.0005
1,2,4-Trichlorobenzene	ND	1.0	0.0005	1,1,1-Trichloroethane	ND	1.0	0.0005
1,1,2-Trichloroethane	ND	1.0	0.0005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.0005	1,2,3-Trichloropropane	ND	1.0	0.0005
1,2,4-Trimethylbenzene	ND	1.0	0.0005	1,3,5-Trimethylbenzene	ND	1.0	0.0005
Vinyl Chloride	ND	1.0	0.0005	Xylenes	ND	1.0	0.0005

Surrogate Recoveries (%)

%SS1:	113	%SS2:	113
%SS3:	117		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak; &) low/high surrogate recovery due to matrix interference.

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Wipe/Paint Chips/Solid QC Matrix: Soil BatchID: 50694 WorkOrder 1005428

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	125	126	0.828	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	113	105	7.52	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50694 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005428-001A	05/18/10 8:24 AM	05/18/10	05/25/10 12:11 AM	1005428-002A	05/18/10 8:35 AM	05/18/10	05/22/10 9:02 PM
1005428-003A	05/18/10 8:39 AM	05/18/10	05/22/10 3:26 PM	1005428-004A	05/18/10 8:51 AM	05/18/10	05/24/10 8:27 PM
1005428-005A	05/18/10 8:54 AM	05/18/10	05/22/10 4:22 PM	1005428-006A	05/18/10 9:05 AM	05/18/10	05/24/10 9:23 PM
1005428-007A	05/18/10 9:08 AM	05/18/10	05/22/10 5:18 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Wipe/Paint Chips/Solid QC Matrix: Soil BatchID: 50723 WorkOrder 1005428

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	124	125	1.09	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	111	112	1.19	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50723 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005428-008A	05/18/10 9:15 AM	05/18/10	05/22/10 4:22 PM	1005428-009A	05/18/10 9:17 AM	05/18/10	05/22/10 5:18 PM
1005428-010A	05/18/10 9:27 AM	05/18/10	05/22/10 6:14 PM	1005428-011A	05/18/10 9:35 AM	05/18/10	05/24/10 8:27 PM
1005428-012A	05/18/10 9:54 AM	05/18/10	05/22/10 6:14 PM	1005428-013A	05/18/10 10:00 AM	05/18/10	05/22/10 7:10 PM
1005428-014A	05/18/10 10:09 AM	05/18/10	05/22/10 8:06 PM	1005428-015A	05/18/10 10:16 AM	05/18/10	05/22/10 9:02 PM
1005428-016A	05/12/10 10:23 AM	05/18/10	05/22/10 9:58 PM	1005428-017A	05/18/10 10:39 AM	05/18/10	05/22/10 10:54 PM
1005428-018A	05/18/10 10:36 AM	05/18/10	05/23/10 2:34 AM	1005428-019A	05/18/10 11:05 AM	05/18/10	05/22/10 11:49 PM
1005428-020A	05/18/10 11:22 AM	05/18/10	05/23/10 3:30 AM	1005428-021A	05/18/10 11:25 AM	05/18/10	05/23/10 2:34 AM
1005428-022A	05/18/10 11:36 AM	05/18/10	05/23/10 4:24 AM	1005428-023A	05/18/10 11:41 AM	05/18/10	05/23/10 3:30 AM
1005428-024A	05/18/10 11:51 AM	05/18/10	05/23/10 4:24 AM	1005428-025A	05/18/10 11:58 AM	05/18/10	05/23/10 5:20 AM
1005428-026A	05/18/10 12:28 PM	05/18/10	05/24/10 11:15 PM	1005428-027A	05/18/10 12:38 PM	05/18/10	05/24/10 10:19 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Paint Chips/Solid QC Matrix: Soil BatchID: 50726 WorkOrder 1005428

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	125	125	0	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	109	109	0	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50726 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005428-028A	05/18/10 12:42 PM	05/18/10	05/24/10 11:15 PM	1005428-029A	05/18/10 12:55 PM	05/18/10	05/25/10 12:11 AM
1005428-030A	05/18/10 1:03 PM	05/18/10	05/24/10 9:24 PM	1005428-031A	05/18/10 1:23 PM	05/18/10	05/24/10 9:23 PM
1005428-032A	05/18/10 1:39 PM	05/18/10	05/23/10 9:57 AM	1005428-033A	05/18/10 1:48 PM	05/18/10	05/24/10 10:19 PM
1005428-034A	05/18/10 1:55 PM	05/18/10	05/23/10 7:10 AM	1005428-035A	05/18/10 2:03 PM	05/18/10	05/23/10 8:05 AM
1005428-036A	05/18/10 2:08 PM	05/18/10	05/23/10 9:01 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 50668 WorkOrder 1005428

EPA Method SW8082 **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	3.75	N/A	N/A	N/A	120	122	1.71	N/A	N/A	70 - 130	20
%SS:	N/A	1.25	N/A	N/A	N/A	96.9	94.2	2.79	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50668 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005428-037A	05/18/10 2:13 PM	05/18/10	05/19/10 9:01 PM	1005428-038A	05/18/10 2:13 PM	05/18/10	05/19/10 9:56 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Solid | QC Matrix: Soil | BatchID: 50727 | WorkOrder 1005428

EPA Method SW8270C **Extraction SW3550C** **Spiked Sample ID: 1005465-010A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND	2	61.5	60.8	1.11	66	66.1	0.106	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND	4	59.1	59.1	0	64.2	66.6	3.66	30 - 130	30	30 - 130	30
2-Chlorophenol	ND	4	68.4	68.5	0.102	73.5	73.3	0.341	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND	2	63.2	62.6	0.938	67.4	68.9	2.29	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND	2	66.3	65.7	0.863	72.4	72.8	0.496	30 - 130	30	30 - 130	30
4-Nitrophenol	ND	4	67.1	66.8	0.441	81.1	80.6	0.625	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND	2	66.6	65.2	2.08	65	66.7	2.66	30 - 130	30	30 - 130	30
Pentachlorophenol	ND	4	30.5	30.4	0.263	31.1	30.3	2.83	30 - 130	30	30 - 130	30
Phenol	0.76	4	59.8	59.5	0.439	65.2	65.9	1.01	30 - 130	30	30 - 130	30
Pyrene	ND	2	63	62.6	0.573	64.4	66.6	3.47	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND	2	66.9	67.1	0.358	71.4	73.7	3.14	30 - 130	30	30 - 130	30
%SS1:	89	200	87	88	0.290	87	87	0	30 - 130	30	30 - 130	30
%SS2:	82	200	96	96	0	95	94	1.01	30 - 130	30	30 - 130	30
%SS3:	97	200	98	98	0	97	100	2.45	30 - 130	30	30 - 130	30
%SS4:	84	200	87	87	0	89	87	1.21	30 - 130	30	30 - 130	30
%SS5:	86	200	71	73	2.14	82	83	0.773	30 - 130	30	30 - 130	30
%SS6:	95	200	87	89	3.19	87	90	3.68	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50727 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005428-026B	05/18/10 12:28 PM	05/18/10	05/27/10 1:04 AM	1005428-027B	05/18/10 12:38 PM	05/18/10	05/26/10 11:47 PM
1005428-028B	05/18/10 12:42 PM	05/18/10	05/27/10 2:20 AM	1005428-029B	05/18/10 12:55 PM	05/18/10	05/27/10 3:36 AM
1005428-030B	05/18/10 1:03 PM	05/18/10	05/25/10 12:18 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Paint Chips QC Matrix: Soil WorkOrder 1005428

EPA Method 6020A **Extraction SW3050B** **BatchID: 50724** **Spiked Sample ID: 1005441-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	0.73	50	89.4	91.7	2.48	10	91.3	93.9	2.80	75 - 125	20	75 - 125	20
Arsenic	7.8	50	93.9	98.2	3.92	10	93.5	92.9	0.558	75 - 125	20	75 - 125	20
Barium	210	500	95.6	96.9	0.983	100	86.1	86.2	0.0813	75 - 125	20	75 - 125	20
Beryllium	0.65	50	89.2	92.4	3.52	10	89.4	88	1.58	75 - 125	20	75 - 125	20
Cadmium	ND	50	88.9	91.3	2.59	10	92.6	94.2	1.73	75 - 125	20	75 - 125	20
Chromium	82	50	NR	NR	NR	10	96.5	95.4	1.15	75 - 125	20	75 - 125	20
Cobalt	15	50	78.3	81.4	2.76	10	88	88.5	0.578	75 - 125	20	75 - 125	20
Copper	28	50	84.9	89.1	2.96	10	93.8	91.2	2.82	75 - 125	20	75 - 125	20
Lead	19	50	80.8	84.7	3.19	10	81.3	80.9	0.432	75 - 125	20	75 - 125	20
Mercury	0.10	1.25	89.8	93.9	4.07	0.25	94.2	93.3	0.896	75 - 125	20	75 - 125	20
Molybdenum	0.64	50	89.6	91	1.44	10	90.2	90.2	0	75 - 125	20	75 - 125	20
Nickel	120	50	NR	NR	NR	10	90.3	89.8	0.633	75 - 125	20	75 - 125	20
Selenium	ND	50	94.4	97.2	2.90	10	98.1	95	3.23	75 - 125	20	75 - 125	20
Silver	ND	50	87.2	88.9	1.98	10	89.5	91.1	1.76	75 - 125	20	75 - 125	20
Thallium	ND	50	83.5	85.6	2.40	10	85.3	84.8	0.565	75 - 125	20	75 - 125	20
Vanadium	56	50	79.7	85.5	2.98	10	95.4	91.8	3.78	75 - 125	20	75 - 125	20
Zinc	72	500	92.3	95.1	2.57	100	98.1	98	0.133	75 - 125	20	75 - 125	20
%SS:	108	250	100	101	1.07	250	96	95	1.04	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50724 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005428-002B	05/18/10 8:35 AM	05/18/10	05/20/10 5:48 PM	1005428-002B	05/18/10 8:35 AM	05/18/10	05/20/10 6:49 PM
1005428-002B	05/18/10 8:35 AM	05/18/10	05/21/10 10:21 PM	1005428-006B	05/18/10 9:05 AM	05/18/10	05/20/10 5:56 PM
1005428-006B	05/18/10 9:05 AM	05/18/10	05/20/10 6:58 PM	1005428-022B	05/18/10 11:36 AM	05/18/10	05/20/10 6:31 PM
1005428-022B	05/18/10 11:36 AM	05/18/10	05/20/10 7:06 PM	1005428-022B	05/18/10 11:36 AM	05/18/10	05/21/10 10:38 PM
1005428-032B	05/18/10 1:39 PM	05/18/10	05/20/10 6:40 PM	1005428-032B	05/18/10 1:39 PM	05/18/10	05/20/10 7:15 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

_____ QA/QC Officer

McCampbell Analytical, Inc.
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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Solid QC Matrix: Solid BatchID: 50751 WorkOrder 1005428

EPA Method SW8260B **Extraction SW1311** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	N/A	0.010	N/A	N/A	N/A	97.1	99.5	2.48	N/A	N/A	70 - 130	20
Benzene	N/A	0.010	N/A	N/A	N/A	113	116	2.87	N/A	N/A	70 - 130	20
t-Butyl alcohol (TBA)	N/A	0.050	N/A	N/A	N/A	96.7	99	2.30	N/A	N/A	70 - 130	20
Chlorobenzene	N/A	0.010	N/A	N/A	N/A	115	118	2.66	N/A	N/A	70 - 130	20
1,2-Dibromoethane (EDB)	N/A	0.010	N/A	N/A	N/A	107	111	3.71	N/A	N/A	70 - 130	20
1,2-Dichloroethane (1,2-DCA)	N/A	0.010	N/A	N/A	N/A	115	118	3.37	N/A	N/A	70 - 130	20
1,1-Dichloroethene	N/A	0.010	N/A	N/A	N/A	95.8	99.4	3.72	N/A	N/A	70 - 130	20
Diisopropyl ether (DIPE)	N/A	0.010	N/A	N/A	N/A	129	127	1.60	N/A	N/A	70 - 130	20
Ethyl tert-butyl ether (ETBE)	N/A	0.010	N/A	N/A	N/A	116	121	4.57	N/A	N/A	70 - 130	20
Methyl-t-butyl ether (MTBE)	N/A	0.010	N/A	N/A	N/A	118	122	2.95	N/A	N/A	70 - 130	20
Toluene	N/A	0.010	N/A	N/A	N/A	98.8	102	3.56	N/A	N/A	70 - 130	20
Trichloroethene	N/A	0.010	N/A	N/A	N/A	113	115	2.36	N/A	N/A	70 - 130	20
%SS1:	N/A	0.025	N/A	N/A	N/A	120	124	3.08	N/A	N/A	70 - 130	30
%SS2:	N/A	0.025	N/A	N/A	N/A	107	109	1.93	N/A	N/A	70 - 130	30
%SS3:	N/A	0.0025	N/A	N/A	N/A	92	95	3.02	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50751 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005428-026B	05/18/10 12:28 PM	05/19/10	05/27/10 4:47 PM	1005428-027B	05/18/10 12:38 PM	05/19/10	05/27/10 7:19 PM
1005428-028B	05/18/10 12:42 PM	05/19/10	05/27/10 8:35 PM	1005428-029B	05/18/10 12:55 PM	05/19/10	05/28/10 2:18 PM
1005428-030B	05/18/10 1:03 PM	05/19/10	05/28/10 4:26 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Reported: 05/28/10
Oakland, CA 94612	Client P.O.:	Date Completed: 06/04/10

WorkOrder: 1005428 A

June 07, 2010

Dear Glenn:

Enclosed within are:

1) The results of the **4** analyzed samples from your project: **#K-9866,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

Chain of Custody

SCA Environmental, Inc.

1005428

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.577.1119	5/18/10
Sampler: (Sign)	**Laboratory**		**Carrier**
hsh	McCAMPBELL		JC

* added 6/1/10 48hrs

ANALYSIS/METHOD NUMBER

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8260 Pb Co	CAM 17	STLC/TCLP Ba,Cd,Cr,Pb,Hg,Zn *	STLC/TCLP Cd,Cr,Pb,Hg,Zn *							Instructions/Remarks
05/18/10	824	B2-BW-WP-008-2010	0518	WI	1	GL	X										1.1±.2 Pb / .03±.06 Pb
5/18/10	835	B2-BW-PP-008-20	0518	PA	2	GL	X	X	X								
5/18/10	8:39	B2-BW-CP-008-2010	0518	BR	1	GL	X										
5/18/10	8:51	B2-BW-PP-009-2010	0518	PA	1	GL	X										0.4±0.1 Pb / 0.3±0.1
5/18/10	8:54	B2-BW-CP-009-2010	0518	BR	1	GL	X										
5/18/10	9:05	B2-BW-PP-010-2010	0518	PA	2	GL	X	X		X							0.7±0.1 Pb / 0.6±0.1 Pb
5/18/10	9:06	B2-BW-CP-010-2010	0518	BR	1	GL	X										
5/18/10	9:15	B2-GW-WP-011-2010	0518	WI	1	GL	X										
5/18/10	9:17	B2-GW-WP-012-2010	0518	WI	1	GL	X										
5/18/10	9:27	B2-EQ-WP-013-2010	0518	WI	1	GL	X										2.2±1.0 Pb / 0±.02 Pb
5/18/10	9:35	B2-EQ-PP-013-2010	0518	PA	1	GL	X										
5/18/10	9:54	B2-BW-CP-~~012~~ 001-2010	0518-EX	BR	1	GL	X										.01±.02 Pb
5/18/10	1000	B2-BW-CP-~~007~~ 009-2010	0518-EX	BR	1	GL	X										0±.02 Pb
5/18/10	1009	B2-BW-CP-~~013~~ 003-2010	0518-EX	BR	1	GL	X										0±.02 Pb
5/18/10	8:14	TEMP BLANK		W	1	P	NA										
							Total for Each Analysis										

Relinquished by:	Date/Time	Received by:
hsh	5/18/10 1530	
Relinquished by:	Date/Time	Received by:
Relinquished by:	Date/Time	Received by:

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

ICE/t° 3.6
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION: VOAS | O&G | METALS | OTHER

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002370

Chain of Custody

SCA Environmental, Inc.

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/18/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER** (* added 6/1/10 48hrs)	**Carrier**
L GL	McCAMPBELL		JC

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	CAM 17	VOC + SVOC	1311/ 8260C* 8270C		STLC/TCLP Sb, Cd, Cr Pb, Zn *					Instructions/Remarks
05/18/10	10:16	B2-BW-CP-~~004~~ 003-20100518	-EX	BR	1	GL	X										0.01±.02 Pb
05/18/10	10:23	B2-BW-CP-~~003~~ 002-20	00518-EX	BR	1	GL	X										
05/18/10	10:~~26~~ 25	B2-BW-CP-~~002~~ 003-20	100518-EX *	BR	1	GL	X										0.07±0.21 Pb / 0.05±.15 Pb
05/18/10	10:~~35~~ 36	B2-BW-PP-~~003~~ 002-20	100518-EX *	PA	1	GL	X										~~0±.02 Pb~~ .02±.07 Pb
05/18/10	11:05	B1-BW-CP-003 20100518-EX		BR	1	GL	X										0±.02 Pb
05/18/10	11:22	B1-BW-PP-004-20100518-EX		PA	1	GL	X										2.1±1.2 Pb
05/18/10	11:25	B1-BW-CP-004-20100518-EX		BR	1	GL	X										.05±.03 Pb
05/18/10	11:36	B1-BW-PP-001-20100518-EX		PA	1	GL	X	X①				X					Pb 1.4±.3
05/18/10	11:41	B1-BW-CP-001-20100518-EX		BR	1	GL	X										.07±.06 Pb / .02±.04 Pb
05/18/10	11:51	B1-BW-CP-005-20100518-EX		BR	1	GL	X										0.02±.03 Pb
05/18/10	11:58	B1-BW-CP-006-20100518-EX		BR	1	GL	X										.03±.08 Pb
05/18/10	12:28	B17-WS-CP-001-20100518		WO	2	GL	X		X								
X ~~05/18/10~~	~~12:28~~	~~B17-~~															
5/18/10	12:38	B17-WS-CP-002-20100518		WO	2	GL	X		X								
5/18/10	12:42	B17-WS-CP-003-20100518		WO	2	GL	X		X								
																	Total for Each Analysis

Relinquished by:	Date/Time	Received by:
[signature]	5/18/10 1530	[signature]
Relinquished by:	Date/Time	Received by:
Relinquished by:	Date/Time	Received by:

Instructions/Remarks: * Jar Labled B2-BW-PP-002-20100518-EX
* Jar Labled B2-BW-CP-002-20100518-EX

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn:

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☐ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

@sampled at 12:17

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002381

SCA Environmental, Inc.

Chain of Custody

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/18/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
[signature]	McCampbell	*added 6/1/10 48hrs	JC

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	VOC+ SVOC	CAM17	STLC/TLC Ba,Cr,Pb *						Instructions/Remarks
05/18/10	12:55	B17-WS-CP-004-20100518		WO	2	GL	X	X								
05/18/10	1303	B17-WG-CP-005-20100518		WO	2	GL	X	X								
05/18/10	13:23	B20-~~MW~~ SS-PP-001-20100578		PA	1	GL	X									
05/18/10	13:39	TK-MW-PP-001-20100578		PA	2	GL	X		X	X						
05/18/10	13:48	YD-EQ-PP-001-20100578		PA	1	GL	X									
05/18/10	13:55	YD-EQPP-002-20100578		PA	1	GL	X									
05/18/10	14:03	B8-CW-CP-001-20100578		CM	1	GL	X									
05/18/10	14:08	B8-CW-CP-002-20100578		CM	1	GL	X									
(+) 05/18/10	14:13	EB-001-20100578		W	1	GL	X									Chisel-eq. blank
(+) 05/18/10	14:13	EB-002-20100578		W	1	GL	X									hammer-eq. blank
																Total for Each Analysis

Relinquished by:	Date/Time	Received by:
[signature]	5/18/10 1530	[signature]
Relinquished by:	Date/Time	Received by:
Relinquished by:	Date/Time	Received by:

Instructions/Remarks: * SVOC+ VOC Method: 1311/8260C & 8270C

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

← #samples
← unit cost
← Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002375

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005428 A **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 6200

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days
Date Received: 05/18/2010
Date Add-On: 06/01/2010
Date Printed: 06/01/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005428-002	B2-BW-PP-008-20100518	Paint Chips	5/18/2010 8:35	☐	B	B										
1005428-006	B2-BW-PP-010-20100518	Paint Chips	5/18/2010 9:05	☐	B	B										
1005428-022	B1-BW-PP-001-20100518-EX	Paint Chips	5/18/2010 11:36	☐	B	B										
1005428-032	TK-MW-PP-001-20100518	Paint Chips	5/18/2010 13:39	☐	B	B										

Test Legend:

1	STLCMETALMS_Chip	2	TCLPMETALMS_Chip	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: STLC/TCLP Sb, Ba, Cd, Cr, Pb, Hg, Zn w/ microextraction 48hr RUSH added per Glenn 06/01/10.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 06/01/10-06/03/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/04/10

Metals*

Extraction method: CA Title 22 Analytical methods: 6020A Work Order: 1005428

Lab ID	Client ID	Matrix	Extraction Type	Barium	Cadmium	Chromium	Lead	Mercury	Zinc	DF	% SS	Comments
002B	B2-BW-PP-008-20100518	C	WET	ND	0.36	18	110	ND	210	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA	NA	NA
	C	WET	1.0	0.05	0.1	0.1	0.01	1.0	mg/L	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

WET = Waste Extraction Test, i.e., STLC (Soluble Threshold Limit Concentration).
DI WET = Waste Extraction Test using DI water (DI STLC).

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 06/01/10-06/03/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/04/10

Metals*

Extraction method: CA Title 22 Analytical methods: 6020A Work Order: 1005428

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Mercury	Zinc	DF	% SS	Comments
006B	B2-BW-PP-010-20100518	C	WET	0.34	16	150	ND	130	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA
	C	WET	0.05	0.1	0.1	0.01	1.0	mg/L

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 06/01/10-06/03/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/04/10

Metals*

Extraction method: CA Title 22 Analytical methods: 6020A Work Order: 1005428

Lab ID	Client ID	Matrix	Extraction Type	Antimony	Cadmium	Chromium	Lead	Zinc	DF	% SS	Comments
022B	B1-BW-PP-001-20100518-EX	C	WET	2.0	1.2	12	220	620	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA
	C	WET	0.1	0.05	0.1	0.1	1.0	mg/L

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 06/01/10-06/03/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/04/10

Metals*

Extraction method: CA Title 22 Analytical methods: 6020A Work Order: 1005428

Lab ID	Client ID	Matrix	Extraction Type	Barium	Chromium	Lead	DF	% SS	Comments
032B	TK-MW-PP-001-20100518	C	WET	1.5	64	2700	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA
	C	WET	1.0	0.1	0.1	0.1	mg/L

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

WET = Waste Extraction Test, i.e., STLC (Soluble Threshold Limit Concentration).
DI WET = Waste Extraction Test using DI water (DI STLC).

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 06/01/10-06/02/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/02/10

Metals*

Extraction method: SW1311 Analytical methods: 6020A Work Order: 1005428

Lab ID	Client ID	Matrix	Extraction Type	Barium	Cadmium	Chromium	Lead	Mercury	Zinc	DF	% SS	Comments
002B	B2-BW-PP-008-20100518	C	TCLP	ND	ND	ND	0.57	ND	42	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA	NA	
	C	TCLP	1.0	0.05	0.1	0.1	0.01	1.0	mg/L	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid/paint chip samples in mg/Kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TCLP = Toxicity Characteristic Leaching Procedure.
DI TCLP = Toxicity Characteristic Leaching Procedure using DI water.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 06/01/10-06/02/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/02/10

Metals*

Extraction method: SW1311 Analytical methods: 6020A Work Order: 1005428

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Mercury	Zinc	DF	% SS	Comments
006B	B2-BW-PP-010-20100518	C	TCLP	0.069	0.41	4.3	ND	35	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA
	C	TCLP	0.05	0.1	0.1	0.01	1.0	mg/L

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid/paint chip samples in mg/Kg, wipe samples in µg/wipe, filter samples in µg/filter.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 06/01/10-06/02/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/02/10

Metals*

Extraction method: SW1311 Analytical methods: 6020A Work Order: 1005428

Lab ID	Client ID	Matrix	Extraction Type	Antimony	Cadmium	Chromium	Lead	Zinc	DF	% SS	Comments
022B	B1-BW-PP-001-20100518-EX	C	TCLP	ND	0.17	ND	4.3	130	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA	
	C	TCLP	0.1	0.05	0.1	0.1	1.0	mg/L	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid/paint chip samples in mg/Kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

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DI TCLP = Toxicity Characteristic Leaching Procedure using DI water.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/18/10
334 19th Street		Date Received: 05/18/10
	Client Contact: Glenn Cass	Date Extracted: 06/01/10-06/02/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 06/02/10-06/03/10

Metals*

Extraction method: SW1311 Analytical methods: 6020A Work Order: 1005428

Lab ID	Client ID	Matrix	Extraction Type	Barium	Chromium	Lead	DF	% SS	Comments
032B	TK-MW-PP-001-20100518	C	TCLP	ND	0.67	63	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	
	C	TCLP	1.0	0.1	0.1	mg/L	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid/paint chip samples in mg/Kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TCLP = Toxicity Characteristic Leaching Procedure.
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DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Paint Chips QC Matrix: Soil BatchID: 50947 WorkOrder 1005428

EPA Method 6020A **Extraction CA Title 22** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	N/A	10	N/A	N/A	N/A	97.9	98.7	0.814	N/A	N/A	75 - 125	20
Barium	N/A	100	N/A	N/A	N/A	99.5	99.5	0	N/A	N/A	75 - 125	20
Cadmium	N/A	10	N/A	N/A	N/A	95.7	96.1	0.459	N/A	N/A	75 - 125	20
Chromium	N/A	10	N/A	N/A	N/A	105	109	3.03	N/A	N/A	75 - 125	20
Lead	N/A	10	N/A	N/A	N/A	95.3	96.2	0.940	N/A	N/A	75 - 125	20
Mercury	N/A	0.25	N/A	N/A	N/A	89.4	90.6	1.33	N/A	N/A	75 - 125	20
Zinc	N/A	100	N/A	N/A	N/A	100	102	1.60	N/A	N/A	75 - 125	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50947 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005428-002B	05/18/10 8:35 AM	06/01/10	06/04/10 1:32 AM	1005428-002B	05/18/10 8:35 AM	06/01/10	06/04/10 12:12 PM
1005428-006B	05/18/10 9:05 AM	06/01/10	06/04/10 6:31 PM	1005428-006B	05/18/10 9:05 AM	06/01/10	06/04/10 7:36 PM
1005428-022B	05/18/10 11:36 AM	06/01/10	06/04/10 12:19 AM	1005428-022B	05/18/10 11:36 AM	06/01/10	06/04/10 1:40 AM
1005428-032B	05/18/10 1:39 PM	06/01/10	06/04/10 6:22 PM	1005428-032B	05/18/10 1:39 PM	06/01/10	06/04/10 6:57 PM
1005428-032B	05/18/10 1:39 PM	06/01/10	06/04/10 7:30 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Paint Chips QC Matrix: Soil BatchID: 50909 WorkOrder 1005428

EPA Method 6020A **Extraction SW1311** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	N/A	10	N/A	N/A	N/A	101	95.3	6.12	N/A	N/A	75 - 125	20
Barium	N/A	100	N/A	N/A	N/A	105	98.9	5.94	N/A	N/A	75 - 125	20
Cadmium	N/A	10	N/A	N/A	N/A	98.2	92.2	6.34	N/A	N/A	75 - 125	20
Chromium	N/A	10	N/A	N/A	N/A	88.7	84.4	4.97	N/A	N/A	75 - 125	20
Lead	N/A	10	N/A	N/A	N/A	88.6	83.8	5.63	N/A	N/A	75 - 125	20
Mercury	N/A	0.25	N/A	N/A	N/A	91.6	87.9	4.10	N/A	N/A	75 - 125	20
Zinc	N/A	100	N/A	N/A	N/A	98.9	95.1	3.86	N/A	N/A	75 - 125	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50909 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005428-002B	05/18/10 8:35 AM	06/01/10	06/02/10 8:20 PM	1005428-006B	05/18/10 9:05 AM	06/01/10	06/02/10 8:28 PM
1005428-022B	05/18/10 11:36 AM	06/01/10	06/02/10 8:36 PM	1005428-032B	05/18/10 1:39 PM	06/01/10	06/02/10 8:45 PM
1005428-032B	05/18/10 1:39 PM	06/01/10	06/03/10 11:53 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/20/10
334 19th Street		Date Received: 05/20/10
	Client Contact: Glenn Cass	Date Reported: 05/28/10
Oakland, CA 94612	Client P.O.:	Date Completed: 05/28/10

WorkOrder: 1005513

May 28, 2010

Dear Glenn:

Enclosed within are:

1) The results of the **36** analyzed samples from your project: **#K-9866,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

SCA

Environmental, Inc.

Chain of Custody

1005513

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/20/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
[signature]	McCAMPBELL		JC

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	TCLP VOC 8260B SVOC 8270C									Instructions/Remarks
05/20/10	0905	BI-CF-CP-013-20100520		CO	2	GL	X										
05/20/10	0919	BI-CF-CP-014-20100520		CO	1	GL	X										
05/20/10	0919	BI-CF-CP-015-20100520		CO	1	GL	X										
05/20/10	0923	BI-CF-CP-016-20100520		CO	1	GL	X										
05/20/10	0938	BI-CF-CP-017-20100520		CO	1	GL	X										
05/20/10	0945	BI-CF-CP-018-20100520		CO	1	GL	X										
05/20/10	1005	BI-CF-CP-019-20100520		CO	2	GL	X	X									
05/20/10	1018	BI-CF-CP-020-20100520		CO	1	GL	X										
05/20/10	1027	BI-CF-CP-029-20100520		CO	1	GL	X										
22 05/20/10	1050	BI-CF-CP-022-20100520		CO	1	GL	X										
05/20/10	1057	BI-CF-CP-021-20100520		CO	1	GL	X										
05/20/10	1103	BI-CF-CP-023-20100520		CO	1	GL	X										
05/20/10	1108	BI-CF-CP-041-20100520		CO	1	GL	X										
05/20/10	1116	BI-CF-CP-024-20100520		CO	1	GL	X										
05/20/10	1125	BI-CF-CP-030-20100520		CO	1	GL	X										
05/20/10	1131	BI-CF-CP-031-20100520		CO	1	GL	X										
05/20/10	0750	TEMP BLANK		W	1	G	NA										
																	Total for Each Analysis

ICE / t° 2°C ✓
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ___
DECHLORINATED IN LAB ___ PRESERVED IN LAB ___
VOAS O&G METALS OTHER
PRESERVATION

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	5/20/10 1620	[signature]	5/20/10 1620
Relinquished by:	Date/Time	Received by:	
Relinquished by:	Date/Time	Received by:	

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002376

SCA

Environmental, Inc.

Chain of Custody

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/20/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
LSC	McCampbell		SC

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	TPH VOC 8260B SVOC 8270C									Instructions/Remarks
05/20/10	1137	BI-CF-CP-025-20100520		CO	1	GL	X										
05/20/10	1247	BI-CF-CP-047-20100520		CO	1	GL	X										
05/20/10	1253	BI-CF-CP-052-20100520		CO	1	GL	X										
	1300	BI-CF-CP-046-20100520		CO	1	GL	X										
	1308	BI-CF-CP-045-20100520		CO	1	GL	X										
	1320	BI-CF-CP-027-20100520		CO	1	GL	X										
026	1326	BI-CF-CP-026-20100520		CO	1	GL	X										
	1334	BI-CF-CP-032-20100520		CO	2	GL	X	X									
	1346	BI-CF-CP-033-20100520		CO	1	GL	X										
	1356	BI-CF-CP-044-20100520		CO	1	GL	X										
	1403	BI-CF-CP-034-20100520		CO	1	GL	X										
	1410	BI-CF-CP-035-20100520		CO	1	GL	X										
	1417	BI-CF-CP-043-20100520		CO	1	GL	X										
	1421	BI-CF-CP-040-20100520		CO	1	GL	X										
	1435	BI-CF-CP-028-20100520		CO	1	GL	X										
	1445	BI-CF-CP-036-20100520		CO	1	GL	X										
		~~BI-CF-CP~~ 20100520															

Relinquished by:	Date/Time	Received by:	Date/Time
LSC	5/20/10 1620	M-C Vell	5/20/10 1620

Total for Each Analysis

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002377

SCA

Environmental, Inc.

Chain of Custody

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/20/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
[signature]	McCampbell		VC

	Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082									Instructions/Remarks
(F)	05/20/10	1449	EB-001-20100520		W	1	GL	X									~~Chisel~~ Hammer-eq. blank
(F)	"	1450	EB-002-20100520		W	1	GL	X									Screwdriver "
(F)	"	1451	EB-003-20100520		W	1	GL	X									Chisel "
(F)	"	1453	EB-004-20100520		W	1	GL	X									CORE "

Relinquished by:	Date/Time	Received by:	Total for Each Analysis
[signature] 5/20/10	1620	[signature] 5/20/10 1620	
Relinquished by:	Date/Time	Received by:	Instructions/Remarks
Relinquished by:	Date/Time	Received by:	☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002378

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005513 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/20/2010
Date Printed: 05/21/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005513-001	B1-CF-CP-013-20100520	Solid	5/20/2010 9:05	☐	A											
1005513-002	B1-CF-CP-014-20100520	Solid	5/20/2010 9:11	☐	A											
1005513-003	B1-CF-CP-015-20100520	Solid	5/20/2010 9:19	☐	A											
1005513-004	B1-CF-CP-016-20100520	Solid	5/20/2010 9:23	☐	A											
1005513-005	B1-CF-CP-017-20100520	Solid	5/20/2010 9:38	☐	A											
1005513-006	B1-CF-CP-018-20100520	Solid	5/20/2010 9:45	☐	A											
1005513-007	B1-CF-CP-019-20100520	Solid	5/20/2010 10:05	☐	A		B	B								
1005513-008	B1-CF-CP-020-20100520	Solid	5/20/2010 10:18	☐	A											
1005513-009	B1-CF-CP-029-20100520	Solid	5/20/2010 10:27	☐	A											
1005513-010	B1-CF-CP-022-20100520	Solid	5/20/2010 10:50	☐	A											
1005513-011	B1-CF-CP-021-20100520	Solid	5/20/2010 10:57	☐	A											
1005513-012	B1-CF-CP-023-20100520	Solid	5/20/2010 11:03	☐	A											
1005513-013	B1-CF-CP-041-20100520	Solid	5/20/2010 11:08	☐	A											
1005513-014	B1-CF-CP-024-20100520	Solid	5/20/2010 11:16	☐	A											

Test Legend:

1	8082A_PCB_Solid	2	8082A_PCB_W	3	8270D_Solid	4	ZHE8260-TCLP_Solid	5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005513 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/20/2010
Date Printed: 05/21/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005513-015	B1-CF-CP-030-20100520	Solid	5/20/2010 11:25	☐	A											
1005513-016	B1-CF-CP-031-20100520	Solid	5/20/2010 11:31	☐	A											
1005513-017	B1-CF-CP-025-20100520	Solid	5/20/2010 11:37	☐	A											
1005513-018	B1-CF-CP-047-20100520	Solid	5/20/2010 12:47	☐	A											
1005513-019	B1-CF-CP-052-20100520	Solid	5/20/2010 12:53	☐	A											
1005513-020	B1-CF-CP-046-20100520	Solid	5/20/2010 13:00	☐	A											
1005513-021	B1-CF-CP-045-20100520	Solid	5/20/2010 13:08	☐	A											
1005513-022	B1-CF-CP-027-20100520	Solid	5/20/2010 13:20	☐	A											
1005513-023	B1-CF-CP-026-20100520	Solid	5/20/2010 13:26	☐	A											
1005513-024	B1-CF-CP-032-20100520	Solid	5/20/2010 13:34	☐	A		B	B								
1005513-025	B1-CF-CP-033-20100520	Solid	5/20/2010 13:46	☐	A											
1005513-026	B1-CF-CP-044-20100520	Solid	5/20/2010 13:56	☐	A											
1005513-027	B1-CF-CP-034-20100520	Solid	5/20/2010 14:03	☐	A											
1005513-028	B1-CF-CP-035-20100520	Solid	5/20/2010 14:10	☐	A											

Test Legend:

1	8082A_PCB_Solid	2	8082A_PCB_W	3	8270D_Solid	4	ZHE8260-TCLP_Solid	5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005513 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 267-2726 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: **05/20/2010**
Date Printed: **05/21/2010**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005513-029	B1-CF-CP-043-20100520	Solid	5/20/2010 14:17	☐	A											
1005513-030	B1-CF-CP-040-20100520	Solid	5/20/2010 14:21	☐	A											
1005513-031	B1-CF-CP-028-20100520	Solid	5/20/2010 14:35	☐	A											
1005513-032	B1-CF-CP-036-20100520	Solid	5/20/2010 14:45	☐	A											
1005513-033	EB-001-20100520	Water	5/20/2010 14:49	☐		A										
1005513-034	EB-002-20100520	Water	5/20/2010 14:50	☐		A										
1005513-035	EB-003-20100520	Water	5/20/2010 14:51	☐		A										
1005513-036	EB-004-20100520	Water	5/20/2010 14:53	☐		A										

Test Legend:

1	8082A_PCB_Solid	2	8082A_PCB_W	3	8270D_Solid	4	ZHE8260-TCLP_Solid	5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **SCA Enviromental, Inc.**

Date and Time Received: **5/20/2010 5:22:13 PM**

Project Name: **#K-9866**

Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **1005513** Matrix Solid/Water

Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/20/10
334 19th Street		Date Received: 05/20/10
	Client Contact: Glenn Cass	Date Extracted: 05/20/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/21/10-05/27/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005513

Lab ID	1005513-001A	1005513-002A	1005513-003A	1005513-004A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-013-20100520	B1-CF-CP-014-20100520	B1-CF-CP-015-20100520	B1-CF-CP-016-20100520		
Matrix	S	S	S	S		
DF	5	5	5	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<2.5	ND<2.5	ND<2.5	ND<0.50	0.05	NA
Aroclor1221	ND<2.5	ND<2.5	ND<2.5	ND<0.50	0.05	NA
Aroclor1232	ND<2.5	ND<2.5	ND<2.5	ND<0.50	0.05	NA
Aroclor1242	ND<2.5	ND<2.5	ND<2.5	ND<0.50	0.05	NA
Aroclor1248	ND<2.5	ND<2.5	ND<2.5	ND<0.50	0.05	NA
Aroclor1254	ND<2.5	ND<2.5	ND<2.5	ND<0.50	0.05	NA
Aroclor1260	9.8	11	6.8	ND<0.50	0.05	NA
PCBs, total	9.8	11	6.8	ND<0.50	0.05	NA
Surrogate Recoveries (%)						
%SS:	76	83	87	74		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/20/10
334 19th Street		Date Received: 05/20/10
	Client Contact: Glenn Cass	Date Extracted: 05/20/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/21/10-05/27/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005513

Lab ID	1005513-005A	1005513-006A	1005513-007A	1005513-008A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-017-20100520	B1-CF-CP-018-20100520	B1-CF-CP-019-20100520	B1-CF-CP-020-20100520		
Matrix	S	S	S	S		
DF	1	20	1	10	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<10	ND<0.50	ND<5.0	0.05	NA
Aroclor1221	ND<0.50	ND<10	ND<0.50	ND<5.0	0.05	NA
Aroclor1232	ND<0.50	ND<10	ND<0.50	ND<5.0	0.05	NA
Aroclor1242	ND<0.50	ND<10	ND<0.50	ND<5.0	0.05	NA
Aroclor1248	ND<0.50	ND<10	ND<0.50	ND<5.0	0.05	NA
Aroclor1254	ND<0.50	ND<10	ND<0.50	ND<5.0	0.05	NA
Aroclor1260	1.1	63	ND<0.50	28	0.05	NA
PCBs, total	1.1	63	ND<0.50	28	0.05	NA
Surrogate Recoveries (%)						
%SS:	83	124	92	81		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005513

Lab ID	1005513-009A	1005513-010A	1005513-011A	1005513-012A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-029-20100520	B1-CF-CP-022-20100520	B1-CF-CP-021-20100520	B1-CF-CP-023-20100520		
Matrix	S	S	S	S		
DF	20	1	10	10	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<10	ND<0.50	ND<5.0	ND<5.0	0.05	NA
Aroclor1221	ND<10	ND<0.50	ND<5.0	ND<5.0	0.05	NA
Aroclor1232	ND<10	ND<0.50	ND<5.0	ND<5.0	0.05	NA
Aroclor1242	ND<10	ND<0.50	ND<5.0	ND<5.0	0.05	NA
Aroclor1248	ND<10	ND<0.50	ND<5.0	ND<5.0	0.05	NA
Aroclor1254	ND<10	ND<0.50	ND<5.0	ND<5.0	0.05	NA
Aroclor1260	40	ND<0.50	26	34	0.05	NA
PCBs, total	40	ND<0.50	26	34	0.05	NA
Surrogate Recoveries (%)						
%SS:	105	84	100	111		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

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Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005513

Lab ID	1005513-013A	1005513-014A	1005513-015A	1005513-016A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-041-20100520	B1-CF-CP-024-20100520	B1-CF-CP-030-20100520	B1-CF-CP-031-20100520		
Matrix	S	S	S	S		
DF	5	20	100	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<2.5	ND<10	ND<50	ND<0.50	0.05	NA
Aroclor1221	ND<2.5	ND<10	ND<50	ND<0.50	0.05	NA
Aroclor1232	ND<2.5	ND<10	ND<50	ND<0.50	0.05	NA
Aroclor1242	ND<2.5	ND<10	ND<50	ND<0.50	0.05	NA
Aroclor1248	ND<2.5	ND<10	ND<50	ND<0.50	0.05	NA
Aroclor1254	ND<2.5	ND<10	ND<50	ND<0.50	0.05	NA
Aroclor1260	4.7	52	220	ND<0.50	0.05	NA
PCBs, total	4.7	52	220	ND<0.50	0.05	NA
Surrogate Recoveries (%)						
%SS:	86	77	---#	93		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/21/10-05/27/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005513

Lab ID	1005513-017A	1005513-018A	1005513-019A	1005513-020A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-025-20100520	B1-CF-CP-047-20100520	B1-CF-CP-052-20100520	B1-CF-CP-046-20100520		
Matrix	S	S	S	S		
DF	1	1	100	10	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<50	ND<5.0	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<50	ND<5.0	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<50	ND<5.0	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<50	ND<5.0	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<50	ND<5.0	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<50	ND<5.0	0.05	NA
Aroclor1260	0.60	ND<0.50	280	62	0.05	NA
PCBs, total	0.60	ND<0.50	280	62	0.05	NA
Surrogate Recoveries (%)						
%SS:	80	79	87	85		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

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Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/21/10-05/27/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005513

Lab ID	1005513-021A	1005513-022A	1005513-023A	1005513-024A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-045-20100520	B1-CF-CP-027-20100520	B1-CF-CP-026-20100520	B1-CF-CP-032-20100520		
Matrix	S	S	S	S		
DF	5	5	20	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<2.5	ND<2.5	ND<10	ND<0.50	0.05	NA
Aroclor1221	ND<2.5	ND<2.5	ND<10	ND<0.50	0.05	NA
Aroclor1232	ND<2.5	ND<2.5	ND<10	ND<0.50	0.05	NA
Aroclor1242	ND<2.5	ND<2.5	ND<10	ND<0.50	0.05	NA
Aroclor1248	ND<2.5	ND<2.5	ND<10	ND<0.50	0.05	NA
Aroclor1254	ND<2.5	ND<2.5	ND<10	ND<0.50	0.05	NA
Aroclor1260	12	8.4	55	2.4	0.05	NA
PCBs, total	12	8.4	55	2.4	0.05	NA
Surrogate Recoveries (%)						
%SS:	76	77	---#	84		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/21/10-05/27/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005513

Lab ID	1005513-025A	1005513-026A	1005513-027A	1005513-028A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-033-20100520	B1-CF-CP-044-20100520	B1-CF-CP-034-20100520	B1-CF-CP-035-20100520		
Matrix	S	S	S	S		
DF	1	500	100	10	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<250	ND<50	ND<5.0	0.05	NA
Aroclor1221	ND<0.50	ND<250	ND<50	ND<5.0	0.05	NA
Aroclor1232	ND<0.50	ND<250	ND<50	ND<5.0	0.05	NA
Aroclor1242	ND<0.50	ND<250	ND<50	ND<5.0	0.05	NA
Aroclor1248	ND<0.50	ND<250	ND<50	ND<5.0	0.05	NA
Aroclor1254	ND<0.50	ND<250	ND<50	ND<5.0	0.05	NA
Aroclor1260	2.4	1600	290	21	0.05	NA
PCBs, total	2.4	1600	290	21	0.05	NA
Surrogate Recoveries (%)						
%SS:	85	112	---#	97		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005513

Lab ID	1005513-029A	1005513-030A	1005513-031A	1005513-032A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-043-20100520	B1-CF-CP-040-20100520	B1-CF-CP-028-20100520	B1-CF-CP-036-20100520		
Matrix	S	S	S	S		
DF	5	1	10	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<2.5	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1221	ND<2.5	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1232	ND<2.5	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1242	ND<2.5	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1248	ND<2.5	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1254	ND<2.5	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1260	12	1.7	23	1.7	0.05	NA
PCBs, total	12	1.7	23	1.7	0.05	NA
Surrogate Recoveries (%)						
%SS:	70	83	72	93		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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	Client Contact: Glenn Cass	Date Extracted: 05/20/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/22/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3510C Analytical Method: SW8082 Work Order: 1005513

Lab ID	1005513-033A	1005513-034A	1005513-035A	1005513-036A	Reporting Limit for DF =1	
Client ID	EB-001-20100520	EB-002-20100520	EB-003-20100520	EB-004-20100520		
Matrix	W	W	W	W		
DF	1	1	1	1	S	W
Compound	**Concentration**				ug/kg	µg/L
Aroclor1016	ND	ND	ND	ND	NA	0.5
Aroclor1221	ND	ND	ND	ND	NA	0.5
Aroclor1232	ND	ND	ND	ND	NA	0.5
Aroclor1242	ND	ND	ND	ND	NA	0.5
Aroclor1248	ND	ND	ND	ND	NA	0.5
Aroclor1254	ND	ND	ND	ND	NA	0.5
Aroclor1260	ND	ND	ND	ND	NA	0.5
PCBs, total	ND	ND	ND	ND	NA	0.5
Surrogate Recoveries (%)						
%SS:	70	72	108	107		
Comments						

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/28/10

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 1005513

Lab ID	1005513-007B
Client ID	B1-CF-CP-019-20100520
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Acetochlor	ND<1.6	5.0	0.33	Anthracene	ND<1.6	5.0	0.33
Benzidine	ND<8.0	5.0	1.6	Benzoic Acid	ND<11	5.0	1.6
Benzo(a)anthracene	ND<1.6	5.0	0.33	Benzo(b)fluoranthene	ND<1.6	5.0	0.33
Benzo(k)fluoranthene	ND<1.6	5.0	0.33	Benzo(g,h,i)perylene	ND<1.6	5.0	0.33
Benzo(a)pyrene	ND<1.6	5.0	0.33	Benzyl Alcohol	ND<8.0	5.0	1.6
1,1-Biphenyl	ND<1.6	5.0	0.33	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	ND<1.6	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND<1.6	5.0	0.33	Naphthalene	ND<1.6	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	Nitrobenzene	ND<1.6	5.0	0.33
2-Nitrophenol	ND<8.0	5.0	1.6	4-Nitrophenol	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	3.3	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	90	%SS2:	110
%SS3:	103	%SS4:	87
%SS5:	102	%SS6:	90

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/20/10
		Date Received: 05/20/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/28/10

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270C Work Order: 1005513

Lab ID	1005513-024B
Client ID	B1-CF-CP-032-20100520
Matrix	Solid

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Acetochlor	ND	1.0	0.33	Anthracene	ND	1.0	0.33
Benzidine	ND	1.0	1.6	Benzoic Acid	ND	1.0	1.6
Benzo(a)anthracene	ND	1.0	0.33	Benzo(b)fluoranthene	ND	1.0	0.33
Benzo(k)fluoranthene	ND	1.0	0.33	Benzo(g,h,i)perylene	ND	1.0	0.33
Benzo(a)pyrene	ND	1.0	0.33	Benzyl Alcohol	ND	1.0	1.6
1,1-Biphenyl	ND	1.0	0.33	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cres	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	Nitrobenzene	ND	1.0	0.33
2-Nitrophenol	ND	1.0	1.6	4-Nitrophenol	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	82	%SS2:	94
%SS3:	98	%SS4:	87
%SS5:	60	%SS6:	78

Comments:

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/20/10
		Date Received: 05/20/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/21/10-05/22/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/26/10

Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW1311 (ZHETCLP)/SW5030B Analytical Method: SW8260B Work Order: 1005513

Lab ID	1005513-007B						
Client ID	B1-CF-CP-019-20100520						
Matrix	Solid						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.2	tert-Amyl methyl ether (TAME)	ND	1.0	0.0005
Benzene	0.0012	1.0	0.0005	Bromobenzene	ND	1.0	0.0005
Bromochloromethane	ND	1.0	0.0005	Bromodichloromethane	ND	1.0	0.0005
Bromoform	ND	1.0	0.0005	Bromomethane	ND	1.0	0.0005
2-Butanone (MEK)	ND	1.0	0.5	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.0005	sec-Butyl benzene	ND	1.0	0.0005
tert-Butyl benzene	ND	1.0	0.0005	Carbon Disulfide	ND	1.0	0.0005
Carbon Tetrachloride	ND	1.0	0.0005	Chlorobenzene	ND	1.0	0.0005
Chloroethane	ND	1.0	0.0005	Chloroform	ND	1.0	0.0005
Chloromethane	ND	1.0	0.0005	2-Chlorotoluene	ND	1.0	0.0005
4-Chlorotoluene	ND	1.0	0.0005	Dibromochloromethane	ND	1.0	0.0005
1,2-Dibromo-3-chloropropane	ND	1.0	0.0005	1,2-Dibromoethane (EDB)	ND	1.0	0.0005
Dibromomethane	ND	1.0	0.0005	1,2-Dichlorobenzene	0.0012	1.0	0.0005
1,3-Dichlorobenzene	ND	1.0	0.0005	1,4-Dichlorobenzene	ND	1.0	0.0005
Dichlorodifluoromethane	ND	1.0	0.0005	1,1-Dichloroethane	ND	1.0	0.0005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.0005	1,1-Dichloroethene	ND	1.0	0.0005
cis-1,2-Dichloroethene	ND	1.0	0.0005	trans-1,2-Dichloroethene	ND	1.0	0.0005
1,2-Dichloropropane	ND	1.0	0.0005	1,3-Dichloropropane	ND	1.0	0.0005
2,2-Dichloropropane	ND	1.0	0.0005	1,1-Dichloropropene	ND	1.0	0.0005
cis-1,3-Dichloropropene	ND	1.0	0.0005	trans-1,3-Dichloropropene	ND	1.0	0.0005
Diisopropyl ether (DIPE)	ND	1.0	0.0005	Ethylbenzene	0.00057	1.0	0.0005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.0005	Freon 113	ND	1.0	0.01
Hexachlorobutadiene	ND	1.0	0.0005	Hexachloroethane	ND	1.0	0.0005
2-Hexanone	ND	1.0	0.02	Isopropylbenzene	ND	1.0	0.0005
4-Isopropyl toluene	ND	1.0	0.0005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.0005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.0005	n-Propyl benzene	ND	1.0	0.0005
Styrene	0.0013	1.0	0.0005	1,1,1,2-Tetrachloroethane	ND	1.0	0.0005
1,1,2,2-Tetrachloroethane	ND	1.0	0.0005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.0005
1,2,4-Trichlorobenzene	ND	1.0	0.0005	1,1,1-Trichloroethane	ND	1.0	0.0005
1,1,2-Trichloroethane	ND	1.0	0.0005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.0005	1,2,3-Trichloropropane	ND	1.0	0.0005
1,2,4-Trimethylbenzene	ND	1.0	0.0005	1,3,5-Trimethylbenzene	ND	1.0	0.0005
Vinyl Chloride	ND	1.0	0.0005	Xylenes	0.0035	1.0	0.0005

Surrogate Recoveries (%)

%SS1:	113	%SS2:	113
%SS3:	118		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak; &) low/high surrogate recovery due to matrix interference.

Angela Rydelius, Lab Manager

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/20/10
		Date Received: 05/20/10
334 19th Street	Client Contact: Glenn Cass	Date Extracted: 05/21/10-05/22/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/28/10

Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW1311 (ZHETCLP)/SW5030B Analytical Method: SW8260B Work Order: 1005513

Lab ID	1005513-024B						
Client ID	B1-CF-CP-032-20100520						
Matrix	Solid						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.2	tert-Amyl methyl ether (TAME)	ND	1.0	0.0005
Benzene	ND	1.0	0.0005	Bromobenzene	ND	1.0	0.0005
Bromochloromethane	ND	1.0	0.0005	Bromodichloromethane	ND	1.0	0.0005
Bromoform	ND	1.0	0.0005	Bromomethane	ND	1.0	0.0005
2-Butanone (MEK)	ND	1.0	0.5	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.0005	sec-Butyl benzene	ND	1.0	0.0005
tert-Butyl benzene	ND	1.0	0.0005	Carbon Disulfide	ND	1.0	0.0005
Carbon Tetrachloride	ND	1.0	0.0005	Chlorobenzene	ND	1.0	0.0005
Chloroethane	ND	1.0	0.0005	Chloroform	ND	1.0	0.0005
Chloromethane	ND	1.0	0.0005	2-Chlorotoluene	ND	1.0	0.0005
4-Chlorotoluene	ND	1.0	0.0005	Dibromochloromethane	ND	1.0	0.0005
1,2-Dibromo-3-chloropropane	ND	1.0	0.0005	1,2-Dibromoethane (EDB)	ND	1.0	0.0005
Dibromomethane	ND	1.0	0.0005	1,2-Dichlorobenzene	0.0026	1.0	0.0005
1,3-Dichlorobenzene	ND	1.0	0.0005	1,4-Dichlorobenzene	ND	1.0	0.0005
Dichlorodifluoromethane	ND	1.0	0.0005	1,1-Dichloroethane	ND	1.0	0.0005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.0005	1,1-Dichloroethene	ND	1.0	0.0005
cis-1,2-Dichloroethene	ND	1.0	0.0005	trans-1,2-Dichloroethene	ND	1.0	0.0005
1,2-Dichloropropane	ND	1.0	0.0005	1,3-Dichloropropane	ND	1.0	0.0005
2,2-Dichloropropane	ND	1.0	0.0005	1,1-Dichloropropene	ND	1.0	0.0005
cis-1,3-Dichloropropene	ND	1.0	0.0005	trans-1,3-Dichloropropene	ND	1.0	0.0005
Diisopropyl ether (DIPE)	ND	1.0	0.0005	Ethylbenzene	ND	1.0	0.0005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.0005	Freon 113	ND	1.0	0.01
Hexachlorobutadiene	ND	1.0	0.0005	Hexachloroethane	ND	1.0	0.0005
2-Hexanone	ND	1.0	0.02	Isopropylbenzene	ND	1.0	0.0005
4-Isopropyl toluene	ND	1.0	0.0005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.0005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	0.0034	1.0	0.0005	n-Propyl benzene	ND	1.0	0.0005
Styrene	ND	1.0	0.0005	1,1,1,2-Tetrachloroethane	ND	1.0	0.0005
1,1,2,2-Tetrachloroethane	ND	1.0	0.0005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.0005
1,2,4-Trichlorobenzene	ND	1.0	0.0005	1,1,1-Trichloroethane	ND	1.0	0.0005
1,1,2-Trichloroethane	ND	1.0	0.0005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.0005	1,2,3-Trichloropropane	ND	1.0	0.0005
1,2,4-Trimethylbenzene	0.0010	1.0	0.0005	1,3,5-Trimethylbenzene	0.00066	1.0	0.0005
Vinyl Chloride	ND	1.0	0.0005	Xylenes	0.0017	1.0	0.0005

Surrogate Recoveries (%)

%SS1:	83	%SS2:	112
%SS3:	117		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak; &) low/high surrogate recovery due to matrix interference.

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 50726 WorkOrder 1005513

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	125	125	0	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	109	109	0	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50726 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005513-001A	05/20/10 9:05 AM	05/20/10	05/24/10 6:38 PM	1005513-002A	05/20/10 9:11 AM	05/20/10	05/24/10 7:34 PM
1005513-003A	05/20/10 9:19 AM	05/20/10	05/24/10 8:29 PM	1005513-004A	05/20/10 9:23 AM	05/20/10	05/21/10 11:13 PM
1005513-005A	05/20/10 9:38 AM	05/20/10	05/22/10 12:08 AM	1005513-006A	05/20/10 9:45 AM	05/20/10	05/27/10 11:07 AM
1005513-007A	05/20/10 10:05 AM	05/20/10	05/22/10 1:57 AM	1005513-008A	05/20/10 10:18 AM	05/20/10	05/24/10 6:43 PM
1005513-009A	05/20/10 10:27 AM	05/20/10	05/24/10 6:38 PM	1005513-010A	05/20/10 10:50 AM	05/20/10	05/22/10 4:40 AM
1005513-011A	05/20/10 10:57 AM	05/20/10	05/24/10 7:34 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 50784 WorkOrder 1005513

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	124	118	5.29	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	113	113	0	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50784 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005513-012A	05/20/10 11:03 AM	05/20/10	05/24/10 8:29 PM	1005513-013A	05/20/10 11:08 AM	05/20/10	05/24/10 7:39 PM
1005513-014A	05/20/10 11:16 AM	05/20/10	05/24/10 6:43 PM	1005513-015A	05/20/10 11:25 AM	05/20/10	05/25/10 2:02 AM
1005513-016A	05/20/10 11:31 AM	05/20/10	05/22/10 11:59 AM	1005513-017A	05/20/10 11:37 AM	05/20/10	05/22/10 12:54 PM
1005513-018A	05/20/10 12:47 PM	05/20/10	05/22/10 1:50 PM	1005513-019A	05/20/10 12:53 PM	05/20/10	05/25/10 2:57 AM
1005513-020A	05/20/10 1:00 PM	05/20/10	05/25/10 3:53 AM	1005513-021A	05/20/10 1:08 PM	05/20/10	05/25/10 2:02 AM
1005513-022A	05/20/10 1:20 PM	05/20/10	05/25/10 2:57 AM	1005513-023A	05/20/10 1:26 PM	05/20/10	05/25/10 3:53 AM
1005513-024A	05/20/10 1:34 PM	05/20/10	05/22/10 9:12 PM	1005513-025A	05/20/10 1:46 PM	05/20/10	05/22/10 10:07 PM
1005513-026A	05/20/10 1:56 PM	05/20/10	05/26/10 6:09 PM	1005513-027A	05/20/10 2:03 PM	05/20/10	05/24/10 10:19 PM
1005513-028A	05/20/10 2:10 PM	05/20/10	05/25/10 12:09 AM	1005513-029A	05/20/10 2:17 PM	05/20/10	05/24/10 11:15 PM
1005513-030A	05/20/10 2:21 PM	05/20/10	05/23/10 2:40 AM	1005513-031A	05/20/10 2:35 PM	05/20/10	05/24/10 9:24 PM
1005513-032A	05/20/10 2:45 PM	05/20/10	05/23/10 6:17 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 50785 WorkOrder 1005513

EPA Method SW8082 **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	3.75	N/A	N/A	N/A	117	124	5.67	N/A	N/A	70 - 130	20
%SS:	N/A	1.25	N/A	N/A	N/A	111	118	6.24	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50785 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005513-033A	05/20/10 2:49 PM	05/20/10	05/22/10 7:10 PM	1005513-034A	05/20/10 2:50 PM	05/20/10	05/22/10 8:06 PM
1005513-035A	05/20/10 2:51 PM	05/20/10	05/22/10 7:06 AM	1005513-036A	05/20/10 2:53 PM	05/20/10	05/22/10 8:01 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

_____ QA/QC Officer

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QC SUMMARY REPORT FOR SW8270C

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 50727 WorkOrder 1005513

EPA Method SW8270C **Extraction SW3550C** **Spiked Sample ID: 1005465-010A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Acenaphthene	ND	2	61.5	60.8	1.11	66	66.1	0.106	30 - 130	30	30 - 130	30
4-Chloro-3-methylphenol	ND	4	59.1	59.1	0	64.2	66.6	3.66	30 - 130	30	30 - 130	30
2-Chlorophenol	ND	4	68.4	68.5	0.102	73.5	73.3	0.341	30 - 130	30	30 - 130	30
1,4-Dichlorobenzene	ND	2	63.2	62.6	0.938	67.4	68.9	2.29	30 - 130	30	30 - 130	30
2,4-Dinitrotoluene	ND	2	66.3	65.7	0.863	72.4	72.8	0.496	30 - 130	30	30 - 130	30
4-Nitrophenol	ND	4	67.1	66.8	0.441	81.1	80.6	0.625	30 - 130	30	30 - 130	30
N-Nitrosodi-n-propylamine	ND	2	66.6	65.2	2.08	65	66.7	2.66	30 - 130	30	30 - 130	30
Pentachlorophenol	ND	4	30.5	30.4	0.263	31.1	30.3	2.83	30 - 130	30	30 - 130	30
Phenol	0.76	4	59.8	59.5	0.439	65.2	65.9	1.01	30 - 130	30	30 - 130	30
Pyrene	ND	2	63	62.6	0.573	64.4	66.6	3.47	30 - 130	30	30 - 130	30
1,2,4-Trichlorobenzene	ND	2	66.9	67.1	0.358	71.4	73.7	3.14	30 - 130	30	30 - 130	30
%SS1:	89	200	87	88	0.290	87	87	0	30 - 130	30	30 - 130	30
%SS2:	82	200	96	96	0	95	94	1.01	30 - 130	30	30 - 130	30
%SS3:	97	200	98	98	0	97	100	2.45	30 - 130	30	30 - 130	30
%SS4:	84	200	87	87	0	89	87	1.21	30 - 130	30	30 - 130	30
%SS5:	86	200	71	73	2.14	82	83	0.773	30 - 130	30	30 - 130	30
%SS6:	95	200	87	89	3.19	87	90	3.68	30 - 130	30	30 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50727 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005513-007B	05/20/10 10:05 AM	05/21/10	05/28/10 1:39 AM	1005513-024B	05/20/10 1:34 PM	05/21/10	05/28/10 2:54 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Solid QC Matrix: Solid BatchID: 50751 WorkOrder 1005513

EPA Method SW8260B **Extraction SW1311** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	N/A	0.010	N/A	N/A	N/A	97.1	99.5	2.48	N/A	N/A	70 - 130	20
Benzene	N/A	0.010	N/A	N/A	N/A	113	116	2.87	N/A	N/A	70 - 130	20
t-Butyl alcohol (TBA)	N/A	0.050	N/A	N/A	N/A	96.7	99	2.30	N/A	N/A	70 - 130	20
Chlorobenzene	N/A	0.010	N/A	N/A	N/A	115	118	2.66	N/A	N/A	70 - 130	20
1,2-Dibromoethane (EDB)	N/A	0.010	N/A	N/A	N/A	107	111	3.71	N/A	N/A	70 - 130	20
1,2-Dichloroethane (1,2-DCA)	N/A	0.010	N/A	N/A	N/A	115	118	3.37	N/A	N/A	70 - 130	20
1,1-Dichloroethene	N/A	0.010	N/A	N/A	N/A	95.8	99.4	3.72	N/A	N/A	70 - 130	20
Diisopropyl ether (DIPE)	N/A	0.010	N/A	N/A	N/A	129	127	1.60	N/A	N/A	70 - 130	20
Ethyl tert-butyl ether (ETBE)	N/A	0.010	N/A	N/A	N/A	116	121	4.57	N/A	N/A	70 - 130	20
Methyl-t-butyl ether (MTBE)	N/A	0.010	N/A	N/A	N/A	118	122	2.95	N/A	N/A	70 - 130	20
Toluene	N/A	0.010	N/A	N/A	N/A	98.8	102	3.56	N/A	N/A	70 - 130	20
Trichloroethene	N/A	0.010	N/A	N/A	N/A	113	115	2.36	N/A	N/A	70 - 130	20
%SS1:	N/A	0.025	N/A	N/A	N/A	120	124	3.08	N/A	N/A	70 - 130	30
%SS2:	N/A	0.025	N/A	N/A	N/A	107	109	1.93	N/A	N/A	70 - 130	30
%SS3:	N/A	0.0025	N/A	N/A	N/A	92	95	3.02	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50751 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005513-007B	05/20/10 10:05 AM	05/21/10	05/26/10 4:04 PM	1005513-024B	05/20/10 1:34 PM	05/21/10	05/28/10 1:35 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/21/10
334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Reported: 05/28/10
Oakland, CA 94612	Client P.O.:	Date Completed: 05/28/10

WorkOrder: 1005549

May 28, 2010

Dear Glenn:

Enclosed within are:

1) The results of the **36** analyzed samples from your project: **#K-9866,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

SCA Environmental, Inc.

Chain of Custody

1005549

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/21/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
[signature]	McCampbell		JC

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082										Instructions/Remarks
05/21/10	0830	BI-CF-CP-039-20100521		CO	1	GL	X										
	0834	BI-CF-CP-042-20100521			1		X										
	0843	BI-CF-CP-037-20100521			1		X										
	0848	BI-CF-CP-038-20100521			1		X										
	0904	BI-CF-CP-048-20100521			1		X										
	0911	BI-CF-CP-049-20100521			1		X										
	0917	BI-CF-CP-050-20100521			1		X										
	0922	BI-CF-CP-051-20100521			1		X										
	0930	BI-CF-CP-053-20100521			1		X										
	0834	TEMP BLANK															

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	5/21/10 1620	[signature]	5/22/10 4:00PM

Total for Each Analysis

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☑ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☑ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

ICE T° 3.8°C
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION: VOAS | O & G | METALS | OTHER

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002395

SCA

Environmental, Inc.

Chain of Custody

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/21/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
[signature]	McCampbell		JC

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082									Instructions/Remarks
05/21/10	1011	B2-CF-CP-013-20100521		CO	1	GL	X									
	1017	B2-CF-CP-014-20100521			1		X									
	1027	B2-CF-CP-015-20100521			1		X									
	1034	B2-CF-CP-017-20100521			1		X									
	1042	B2-CF-CP-016-20100521			1		X									
	1051	B2-CF-CP-018-20100521			1		X									
	1056	B2-CF-CP-021-20100521			1		X									
	1101	B2-CF-CP-020-20100521			1		X									
	1109	B2-CF-CP-019-20100521			1		X									
	1115	B2-CF-CP-024-20100521			1		X									
	1228	B2-CF-CP-023-20100521			1		X									
	1234	B2-CF-CP-025-20100521			1		X									
	1243	B2-CF-CP-026-20100521			1		X									
	1253	B2-CF-CP-027-20100521			1		X									
1300	~~1330~~	B2-CF-CP-030-20100521			1		X									
	1320	B2-CF-CP-028-20100521			1		X									
	1328	B2-CF-CP-029-20100521			1		X									
Total for Each Analysis																

Relinquished by:	Date/Time	Received by:
[signature] 5/21/10	1615	[signature] 5/21/10 4:10pm
Relinquished by:	Date/Time	Received by:
Relinquished by:	Date/Time	Received by:

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

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☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002394

SCA Environmental, Inc.

Chain of Custody

SCA Contact: GLENN CASS
Project Name/Number: K-9866
Contact Phone/Pager No.: 510.517.1119
Date Shipped: 5/21/10
Sampler: (Sign): SC
Laboratory: McCampbell
Carrier: JC

ANALYSIS/METHOD NUMBER

Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082										Instructions/Remarks
05/21/10	1336	B2-CF-CP-031-20100521		Co	1	GL	X										
1357 "	~~1342~~	B2-CF-CP-032-20100521		"	1	GL	X										
		~~B2-CF-CP-20100521~~ C															
05/21/10	1425	B17-CF-CP-006-20100521		Co	1	GL	X										
"	1434	B17-CF-CP-007-20100521		Co	1	GL	X										
"	1444	B17-CF-CP-008-20100521		Co	1	GL	X										

Relinquished by: SC 5/21/10 Date/Time 1620 Received by: [illegible] 5/21/10 4:10pm
Relinquished by: Date/Time Received by:
Relinquished by: Date/Time Received by:

Total for Each Analysis

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002385

SCA

Environmental, Inc.

Chain of Custody

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CASS	K-9866	510.517.1119	5/21/10
Sampler: (Sign)	**Laboratory**	**ANALYSIS/METHOD NUMBER**	**Carrier**
[signature]	McCampbell		JC

	Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8052										Instructions/Remarks
(+)	05/21/10	1449	EQ-1-20100521		W	1	GL	X										Eq. blank - banner
(+)	05/21/10	1450	EQ-2-20100521		W	1		X										eq. blank screwdriver
(+)	05/21/10	1454	EQ-3-20100521		W	1		X										eq. blank - core 1
(+)	05/21/10	1455	EQ-4-20100521		W	1		X										eq. blank - core 2
	5/21/10	11:24	B2-CF-C9-022-20100521		Co	1		X										

Relinquished by: [signature]	Date/Time 5/21/10 1610	Received by: [signature] 5/21/10 4:14pm		Total for Each Analysis
Relinquished by:	Date/Time	Received by:	Instructions/Remarks	
Relinquished by:	Date/Time	Received by:	☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)	

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CASS

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☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002393

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005549 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 645-6200 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/21/2010
Date Printed: 05/21/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005549-001	B1-CF-CP-039-20100521	Solid	5/21/2010 8:30	☐	A											
1005549-002	B1-CF-CP-042-20100521	Solid	5/21/2010 8:34	☐	A											
1005549-003	B1-CF-CP-037-20100521	Solid	5/21/2010 8:43	☐	A											
1005549-004	B1-CF-CP-038-20100521	Solid	5/21/2010 8:48	☐	A											
1005549-005	B1-CF-CP-048-20100521	Solid	5/21/2010 9:04	☐	A											
1005549-006	B1-CF-CP-049-20100521	Solid	5/21/2010 9:11	☐	A											
1005549-007	B1-CF-CP-050-20100521	Solid	5/21/2010 9:17	☐	A											
1005549-008	B1-CF-CP-051-20100521	Solid	5/21/2010 9:22	☐	A											
1005549-009	B1-CF-CP-053-20100521	Solid	5/21/2010 9:30	☐	A											
1005549-010	B2-CF-CP-013-20100521	Solid	5/21/2010 10:11	☐	A											
1005549-011	B2-CF-CP-014-20100521	Solid	5/21/2010 10:17	☐	A											
1005549-012	B2-CF-CP-015-20100521	Solid	5/21/2010 10:27	☐	A											
1005549-013	B2-CF-CP-017-20100521	Solid	5/21/2010 10:34	☐	A											
1005549-014	B2-CF-CP-016-20100521	Solid	5/21/2010 10:42	☐	A											

Test Legend:

1	8082A_PCB_Solid	2	8082A_PCB_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005549 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 645-6200 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/21/2010
Date Printed: 05/21/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005549-015	B2-CF-CP-018-20100521	Solid	5/21/2010 10:51	☐	A											
1005549-016	B2-CF-CP-021-20100521	Solid	5/21/2010 10:56	☐	A											
1005549-017	B2-CF-CP-020-20100521	Solid	5/21/2010 11:01	☐	A											
1005549-018	B2-CF-CP-019-20100521	Solid	5/21/2010 11:09	☐	A											
1005549-019	B2-CF-CP-024-20100521	Solid	5/21/2010 11:15	☐	A											
1005549-020	B2-CF-CP-023-20100521	Solid	5/21/2010 12:28	☐	A											
1005549-021	B2-CF-CP-025-20100521	Solid	5/21/2010 12:34	☐	A											
1005549-022	B2-CF-CP-026-20100521	Solid	5/21/2010 12:43	☐	A											
1005549-023	B2-CF-CP-027-20100521	Solid	5/21/2010 12:53	☐	A											
1005549-024	B2-CF-CP-030-20100521	Solid	5/21/2010 13:00	☐	A											
1005549-025	B2-CF-CP-028-20100521	Solid	5/21/2010 13:20	☐	A											
1005549-026	B2-CF-CP-029-20100521	Solid	5/21/2010 13:28	☐	A											
1005549-027	B2-CF-CP-031-20100521	Solid	5/21/2010 13:36	☐	A											
1005549-028	B2-CF-CP-032-20100521	Solid	5/21/2010 13:57	☐	A											

Test Legend:

1	8082A_PCB_Solid	2	8082A_PCB_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005549 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 645-6200 FAX (510) 839- 620

Email: gcass@sca-enviro.com
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Oakland, CA 94612

Requested TAT: 5 days

Date Received: **05/21/2010**
Date Printed: **05/21/2010**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005549-029	B17-CF-CP-006-20100521	Solid	5/21/2010 14:25	☐	A											
1005549-030	B17-CF-CP-007-20100521	Solid	5/21/2010 14:34	☐	A											
1005549-031	B17-CF-CP-008-20100521	Solid	5/21/2010 14:44	☐	A											
1005549-032	EQ-1-20100521	Water	5/21/2010 14:49	☐		A										
1005549-033	EQ-2-20100521	Water	5/21/2010	☐		A										
1005549-034	EQ-3-20100521	Water	5/21/2010	☐		A										
1005549-035	EQ-4-20100521	Water	5/21/2010	☐		A										
1005549-036	B2-CF-CP-022-20100521	Solid	5/21/2010 11:24	☐	A											

Test Legend:

1	8082A_PCB_Solid	2	8082A_PCB_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **SCA Enviromental, Inc.**

Date and Time Received: **5/21/2010 4:11:59 PM**

Project Name: **#K-9866**

Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **1005549** Matrix Solid/Water

Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 3.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/21/10
334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/23/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005549

Lab ID	1005549-001A	1005549-002A	1005549-003A	1005549-004A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-039-20100521	B1-CF-CP-042-20100521	B1-CF-CP-037-20100521	B1-CF-CP-038-20100521		
Matrix	S	S	S	S		
DF	1	1	10	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<5.0	ND<0.50	0.05	NA
Aroclor1260	ND<0.50	ND<0.50	22	ND<0.50	0.05	NA
PCBs, total	ND<0.50	ND<0.50	22	ND<0.50	0.05	NA
Surrogate Recoveries (%)						
%SS:	107	106	102	107		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a1) sample diluted due to matrix interference
a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/23/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005549

Lab ID	1005549-005A	1005549-006A	1005549-007A	1005549-008A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-048-20100521	B1-CF-CP-049-20100521	B1-CF-CP-050-20100521	B1-CF-CP-051-20100521		
Matrix	S	S	S	S		
DF	100	200	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<50	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<50	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	59	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<50	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<50	ND<100	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<50	520	1.5	ND<0.50	0.05	NA
Aroclor1260	65	210	0.98	2.3	0.05	NA
PCBs, total	124	730	2.48	2.3	0.05	NA
Surrogate Recoveries (%)						
%SS:	93	---#	108	112		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/21/10
334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/23/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005549

Lab ID	1005549-009A	1005549-010A	1005549-011A	1005549-012A	Reporting Limit for DF =1	
Client ID	B1-CF-CP-053-20100521	B2-CF-CP-013-20100521	B2-CF-CP-014-20100521	B2-CF-CP-015-20100521		
Matrix	S	S	S	S		
DF	10	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<5.0	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<5.0	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<5.0	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<5.0	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<5.0	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<5.0	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	17	ND<0.50	ND<0.50	3.8	0.05	NA
PCBs, total	17	ND<0.50	ND<0.50	3.8	0.05	NA
Surrogate Recoveries (%)						
%SS:	106	109	102	101		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

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334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/23/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005549

Lab ID	1005549-013A	1005549-014A	1005549-015A	1005549-016A	Reporting Limit for DF =1	
Client ID	B2-CF-CP-017-20100521	B2-CF-CP-016-20100521	B2-CF-CP-018-20100521	B2-CF-CP-021-20100521		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	1.3	ND<0.50	3.4	ND<0.50	0.05	NA
PCBs, total	1.3	ND<0.50	3.4	ND<0.50	0.05	NA
Surrogate Recoveries (%)						
%SS:	111	103	103	81		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/23/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005549

Lab ID	1005549-017A	1005549-018A	1005549-019A	1005549-020A	Reporting Limit for DF =1	
Client ID	B2-CF-CP-020-20100521	B2-CF-CP-019-20100521	B2-CF-CP-024-20100521	B2-CF-CP-023-20100521		
Matrix	S	S	S	S		
DF	1	1	1	10	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.05	NA
Aroclor1260	1.5	3.4	ND<0.50	23	0.05	NA
PCBs, total	1.5	3.4	ND<0.50	23	0.05	NA
Surrogate Recoveries (%)						
%SS:	79	122	81	120		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/21/10
334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/23/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005549

Lab ID	1005549-021A	1005549-022A	1005549-023A	1005549-024A	Reporting Limit for DF =1	
Client ID	B2-CF-CP-025-20100521	B2-CF-CP-026-20100521	B2-CF-CP-027-20100521	B2-CF-CP-030-20100521		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	ND<0.50	ND<0.50	ND<0.50	1.1	0.05	NA
PCBs, total	ND<0.50	ND<0.50	ND<0.50	1.1	0.05	NA
Surrogate Recoveries (%)						
%SS:	73	86	73	72		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

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334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/23/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005549

Lab ID	1005549-025A	1005549-026A	1005549-027A	1005549-028A	Reporting Limit for DF =1	
Client ID	B2-CF-CP-028-20100521	B2-CF-CP-029-20100521	B2-CF-CP-031-20100521	B2-CF-CP-032-20100521		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Aroclor1260	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
PCBs, total	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.05	NA
Surrogate Recoveries (%)						
%SS:	77	82	87	90		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a1) sample diluted due to matrix interference
a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/21/10
334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/23/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005549

Lab ID	1005549-029A	1005549-030A	1005549-031A	1005549-036A	Reporting Limit for DF =1	
Client ID	B17-CF-CP-006-20100521	B17-CF-CP-007-20100521	B17-CF-CP-008-20100521	B2-CF-CP-022-20100521		
Matrix	S	S	S	S		
DF	1	500	500	1000	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<250	ND<250	ND<500	0.05	NA
Aroclor1221	ND<0.50	ND<250	ND<250	ND<500	0.05	NA
Aroclor1232	ND<0.50	ND<250	ND<250	ND<500	0.05	NA
Aroclor1242	ND<0.50	ND<250	ND<250	ND<500	0.05	NA
Aroclor1248	ND<0.50	ND<250	ND<250	ND<500	0.05	NA
Aroclor1254	ND<0.50	ND<250	ND<250	ND<500	0.05	NA
Aroclor1260	ND<0.50	ND<250	ND<250	ND<500	0.05	NA
PCBs, total	ND<0.50	ND<250	ND<250	ND<500	0.05	NA
Surrogate Recoveries (%)						
%SS:	80	84	72	90		
Comments	a14,h4	a1,a14,h4	a1,a14,h4	a1,a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a1) sample diluted due to matrix interference
a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/21/10
334 19th Street		Date Received: 05/21/10
	Client Contact: Glenn Cass	Date Extracted: 05/21/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/23/10-05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3510C Analytical Method: SW8082 Work Order: 1005549

Lab ID	1005549-032A	1005549-033A	1005549-034A	1005549-035A	Reporting Limit for DF =1	
Client ID	EQ-1-20100521	EQ-2-20100521	EQ-3-20100521	EQ-4-20100521		
Matrix	W	W	W	W		
DF	1	1	1	1	S	W
Compound	**Concentration**				ug/kg	µg/L
Aroclor1016	ND	ND	ND	ND	NA	0.5
Aroclor1221	ND	ND	ND	ND	NA	0.5
Aroclor1232	ND	ND	ND	ND	NA	0.5
Aroclor1242	ND	ND	ND	ND	NA	0.5
Aroclor1248	ND	ND	ND	ND	NA	0.5
Aroclor1254	ND	ND	ND	ND	NA	0.5
Aroclor1260	ND	ND	ND	ND	NA	0.5
PCBs, total	ND	ND	ND	ND	NA	0.5
Surrogate Recoveries (%)						
%SS:	71	72	74	84		
Comments						

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 50814 WorkOrder 1005549

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	121	121	0	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	107	112	4.51	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50814 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005549-001A	05/21/10 8:30 AM	05/21/10	05/23/10 1:46 AM	1005549-002A	05/21/10 8:34 AM	05/21/10	05/23/10 2:41 AM
1005549-003A	05/21/10 8:43 AM	05/21/10	05/27/10 2:31 AM	1005549-004A	05/21/10 8:48 AM	05/21/10	05/23/10 4:30 AM
1005549-005A	05/21/10 9:04 AM	05/21/10	05/27/10 9:59 PM	1005549-006A	05/21/10 9:11 AM	05/21/10	05/27/10 4:23 AM
1005549-007A	05/21/10 9:17 AM	05/21/10	05/27/10 5:18 AM	1005549-008A	05/21/10 9:22 AM	05/21/10	05/23/10 8:11 AM
1005549-009A	05/21/10 9:30 AM	05/21/10	05/27/10 6:13 AM	1005549-010A	05/21/10 10:11 AM	05/21/10	05/23/10 10:04 AM
1005549-011A	05/21/10 10:17 AM	05/21/10	05/23/10 12:53 PM	1005549-012A	05/21/10 10:27 AM	05/21/10	05/23/10 1:50 PM
1005549-013A	05/21/10 10:34 AM	05/21/10	05/23/10 2:47 PM	1005549-014A	05/21/10 10:42 AM	05/21/10	05/24/10 9:59 AM
1005549-015A	05/21/10 10:51 AM	05/21/10	05/24/10 10:55 AM	1005549-016A	05/21/10 10:56 AM	05/21/10	05/25/10 12:19 AM
1005549-017A	05/21/10 11:01 AM	05/21/10	05/25/10 12:19 AM	1005549-018A	05/21/10 11:09 AM	05/21/10	05/26/10 10:50 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 50821 WorkOrder 1005549

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	116	116	0	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	92	101	9.71	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50821 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005549-019A	05/21/10 11:15 AM	05/21/10	05/24/10 11:23 PM	1005549-020A	05/21/10 12:28 PM	05/21/10	05/27/10 7:09 AM
1005549-021A	05/21/10 12:34 PM	05/21/10	05/23/10 12:47 PM	1005549-022A	05/21/10 12:43 PM	05/21/10	05/25/10 12:16 PM
1005549-023A	05/21/10 12:53 PM	05/21/10	05/23/10 2:40 PM	1005549-024A	05/21/10 1:00 PM	05/21/10	05/23/10 3:37 PM
1005549-025A	05/21/10 1:20 PM	05/21/10	05/27/10 6:03 PM	1005549-026A	05/21/10 1:28 PM	05/21/10	05/28/10 9:33 AM
1005549-027A	05/21/10 1:36 PM	05/21/10	05/23/10 12:47 PM	1005549-028A	05/21/10 1:57 PM	05/21/10	05/23/10 1:43 PM
1005549-029A	05/21/10 2:25 PM	05/21/10	05/23/10 2:40 PM	1005549-030A	05/21/10 2:34 PM	05/21/10	05/27/10 5:07 PM
1005549-031A	05/21/10 2:44 PM	05/21/10	05/27/10 6:03 PM	1005549-036A	05/21/10 11:24 AM	05/21/10	05/28/10 9:33 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 50785 WorkOrder 1005549

EPA Method SW8082 **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	3.75	N/A	N/A	N/A	117	124	5.67	N/A	N/A	70 - 130	20
%SS:	N/A	1.25	N/A	N/A	N/A	111	118	6.24	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50785 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005549-032A	05/21/10 2:49 PM	05/21/10	05/23/10 8:09 PM	1005549-033A	05/21/10	05/21/10	05/25/10 12:09 AM
1005549-034A	05/21/10	05/21/10	05/25/10 1:04 AM	1005549-035A	05/21/10	05/21/10	05/24/10 10:28 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled:	05/24/10
334 19th Street		Date Received:	05/24/10
	Client Contact: Glenn Cass	Date Reported:	06/01/10
Oakland, CA 94612	Client P.O.:	Date Completed:	06/01/10

WorkOrder: 1005594

June 01, 2010

Dear Glenn:

Enclosed within are:

1) The results of the **9** analyzed samples from your project: **#K-9866,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

SCA

Environmental, Inc.

Chain of Custody

Page 1 of ____

1005594

SCA Contact	Project Name/Number	Contact Phone/Pager No.	Date Shipped
GLENN CAS	K-9866	510.517.1119	5/24/10
Sampler: (Sign)	**Laboratory**		**Carrier**
[signature]	McCampbell		Ic

ANALYSIS/METHOD NUMBER: 8082

	Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8082	Instructions/Remarks
0840	05/24/10	~~0822~~	TEMP BLANK		W	1	GL	NA	
		0847	B8-CF-CP-003-20100524		SO	1	GL	X	
		0857	B8-CF-CP-004-20100524		"	1	GL	X	
		0912	B20-CF-CP-002-20100524		"	1	GL	X	
		0919	B20-CF-CP-003-20100524		"	1	GL	X	
		0938	B18-CF-CP-001-20100524		"	1	GL	X	
		0943	B18-CF-CP-002-20100524		"	1	GL	X	
(T)		0950	EB-1-20100524		W	1	GL	X	Core - eq. blank
(T)		0951	EB-2-20100524		W	1	GL	X	Hammer - "
(T)		0952	EB-2-20100524		W	1	GL	X	Screwdriver - "

ICE / t° 2-2C ✓
GOOD CONDITION ___ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ___
DECHLORINATED IN LAB ___ PRESERVED IN LAB ___
PRESERVATION: VOAS | O & G | METALS | OTHER

Relinquished by:	Date/Time	Received by:
[signature]	5/24/10 1100	[signature]
[signature]	5/24/10 1515	[signature]

Total for Each Analysis

Instructions/Remarks

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK)

Turnaround Requested: Standard (2-3 week) ☐ One Week ☒ 24-48 Hour ☐ Other:

Sample Disposal: Return to Client ☐ Disposal by Lab ☐

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☐

Report to: SCA Environmental
Attn: GLENN CAS

☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500, (415) 703 - 0701 Fax

☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200, (510) 839 - 6200 Fax

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

#samples
unit cost
Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☐ Hold Times ☐ Custody Seals ☐ Ice ☐ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC № 002386

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1005594 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Glenn Cass
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 645-6200 FAX (510) 839- 620

Email: gcass@sca-enviro.com
cc:
PO:
ProjectNo: #K-9866

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Requested TAT: 5 days

Date Received: 05/24/2010
Date Printed: 05/24/2010

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1005594-001	B8-CF-CP-003-20100524	Solid	5/24/2010 8:47	☐	A											
1005594-002	B8-CF-CP-004-20100524	Solid	5/24/2010 8:57	☐	A											
1005594-003	B20-CF-CP-002-20100524	Solid	5/24/2010 9:12	☐	A											
1005594-004	B20-CF-CP-003-20100524	Solid	5/24/2010 9:19	☐	A											
1005594-005	B18-CF-CP-001-20100524	Solid	5/24/2010 9:38	☐	A											
1005594-006	B18-CF-CP-002-20100524	Solid	5/24/2010 9:43	☐	A											
1005594-007	EB-1-20100524	Water	5/24/2010 9:50	☐		A										
1005594-008	EB-2-20100524	Water	5/24/2010 9:51	☐		A										
1005594-009	EB-3-20100524	Water	5/24/2010 9:52	☐		A										

Test Legend:

1	8082A_PCB_Solid	2	8082A_PCB_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **SCA Enviromental, Inc.**

Date and Time Received: **5/24/2010 6:54:19 PM**

Project Name: **#K-9866**

Checklist completed and reviewed by: Melissa Valles

WorkOrder N°: **1005594** Matrix Solid/Water

Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 2.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/24/10
334 19th Street		Date Received: 05/24/10
	Client Contact: Glenn Cass	Date Extracted: 05/24/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/25/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005594

Lab ID	1005594-001A	1005594-002A	1005594-003A	1005594-004A	Reporting Limit for DF =1	
Client ID	B8-CF-CP-003-20100524	B8-CF-CP-004-20100524	B20-CF-CP-002-20100524	B20-CF-CP-003-20100524		
Matrix	S	S	S	S		
DF	1	1	1	5	S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1221	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1232	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1242	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1248	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1254	ND<0.50	ND<0.50	ND<0.50	ND<2.5	0.05	NA
Aroclor1260	ND<0.50	ND<0.50	0.56	3.6	0.05	NA
PCBs, total	ND<0.50	ND<0.50	0.56	3.6	0.05	NA
Surrogate Recoveries (%)						
%SS:	110	105	72	70		
Comments	a14,h4	a14,h4	a14,h4	a14,h4		

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/24/10
334 19th Street		Date Received: 05/24/10
	Client Contact: Glenn Cass	Date Extracted: 05/24/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/25/10-05/28/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550B Analytical Method: SW8082 Work Order: 1005594

Lab ID	1005594-005A	1005594-006A			Reporting Limit for DF =1	
Client ID	B18-CF-CP-001-20100524	B18-CF-CP-002-20100524				
Matrix	S	S				
DF	1	5			S	W
Compound	**Concentration**				mg/kg	ug/L
Aroclor1016	ND<0.50	ND<2.5			0.05	NA
Aroclor1221	ND<0.50	ND<2.5			0.05	NA
Aroclor1232	ND<0.50	ND<2.5			0.05	NA
Aroclor1242	ND<0.50	ND<2.5			0.05	NA
Aroclor1248	ND<0.50	ND<2.5			0.05	NA
Aroclor1254	ND<0.50	ND<2.5			0.05	NA
Aroclor1260	ND<0.50	12			0.05	NA
PCBs, total	ND<0.50	12			0.05	NA
Surrogate Recoveries (%)						
%SS:	80	71				
Comments	a14,h4	a14,h4				

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

a14) reporting limit raised due to the physical nature of the sample
h4) sulfuric acid permanganate (EPA 3665) cleanup

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SCA Enviromental, Inc.	Client Project ID: #K-9866	Date Sampled: 05/24/10
334 19th Street		Date Received: 05/24/10
	Client Contact: Glenn Cass	Date Extracted: 05/24/10
Oakland, CA 94612	Client P.O.:	Date Analyzed: 05/25/10

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3510C Analytical Method: SW8082 Work Order: 1005594

Lab ID	1005594-007A	1005594-008A	1005594-009A		Reporting Limit for DF =1	
Client ID	EB-1-20100524	EB-2-20100524	EB-3-20100524			
Matrix	W	W	W			
DF	1	1	1		S	W
Compound	**Concentration**				ug/kg	µg/L
Aroclor1016	ND	ND	ND		NA	0.5
Aroclor1221	ND	ND	ND		NA	0.5
Aroclor1232	ND	ND	ND		NA	0.5
Aroclor1242	ND	ND	ND		NA	0.5
Aroclor1248	ND	ND	ND		NA	0.5
Aroclor1254	ND	ND	ND		NA	0.5
Aroclor1260	ND	ND	ND		NA	0.5
PCBs, total	ND	ND	ND		NA	0.5
Surrogate Recoveries (%)						
%SS:	94	91	96			
Comments						

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

DHS ELAP Certification 1644

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 50821 WorkOrder 1005594

EPA Method SW8082 **Extraction SW3550B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	116	116	0	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	92	101	9.71	N/A	N/A	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50821 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005594-001A	05/24/10 8:47 AM	05/24/10	05/27/10 8:04 AM	1005594-002A	05/24/10 8:57 AM	05/24/10	05/27/10 9:01 AM
1005594-003A	05/24/10 9:12 AM	05/24/10	05/28/10 10:28 AM	1005594-004A	05/24/10 9:19 AM	05/24/10	05/25/10 10:52 PM
1005594-005A	05/24/10 9:38 AM	05/24/10	05/28/10 10:28 AM	1005594-006A	05/24/10 9:43 AM	05/24/10	05/25/10 9:01 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

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QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 50785 WorkOrder 1005594

EPA Method SW8082 **Extraction SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	3.75	N/A	N/A	N/A	117	124	5.67	N/A	N/A	70 - 130	20
%SS:	N/A	1.25	N/A	N/A	N/A	111	118	6.24	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 50785 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1005594-007A	05/24/10 9:50 AM	05/24/10	05/25/10 12:16 PM	1005594-008A	05/24/10 9:51 AM	05/24/10	05/25/10 1:12 PM
1005594-009A	05/24/10 9:52 AM	05/24/10	05/25/10 2:10 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

JR QA/QC Officer

APPENDIX G

PHASE II BUILDING MATERIALS CHARACTERIZATION REPORT

Prepared for

General Electric
Oakland, California

PHASE II BUILDING MATERIALS CHARACTERIZATION REPORT

GE FACILITY
OAKLAND, CALIFORNIA

Prepared by

Geosyntec consultants

engineers | scientists | innovators
10875 Rancho Bernardo Road, Suite 200
San Diego, California 92127

Project Number: SC0509

July 2010

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Appendix B: Summary Report: Phase 2 Hazardous Materials Survey, SCA, June 2010

1.0 INTRODUCTION

Geosyntec Consultants (Geosyntec) is pleased to present General Electric Company (GE) this *Phase II Building Materials Characterization Report* (Report) which describes the results of the additional building material sampling completed at the GE facility in Oakland, California. This Report was prepared by Jennifer Schwartz, P.E. and has been reviewed by Jim Cox in accordance with the peer review policy of the firm. This Report has been provided to summarize results of the additional sampling of building materials performed and to provide recommendations for where building materials should go during demolition.

1.1 Background

The GE Oakland facility is located at 5441 International Boulevard, Oakland, California (the Site). The Site consists of approximately 24 acres between International Boulevard and 54th Avenue (Figure 1). The property is bordered by commercial property to the southeast, railway to the southwest, and commercial and residential property to the northwest.

The property was formerly used for the manufacturing and servicing of transformers. Manufacturing is no longer performed at the facility, and the Site is currently undergoing remediation activities under a Consent Order (Docket # HAS 96/97-061) with the California Department of Toxic Substances Control (DTSC). The primary constituents of concern at the Site include polychlorinated biphenyls (PCBs) and volatile organic compounds (VOCs), including trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), and vinyl chloride (VC).

The Site is being prepared to undergo building demolition. A *Phase I Building Assessment Report* was completed in 2009 by ARCADIS (Appendix A). Asbestos abatement activities were performed at the Site in October 2009, and tanks were removed from the Site by December 2009.

2.0 SAMPLING ACTIVITIES

The following sections describe the sampling activities performed during Phase I and Phase II building material investigations.

2.1 Phase I

The Phase I building assessment was completed by ARCADIS and their subcontractor, LFR, Inc., during September through November 2008. The results of the Phase I assessment were summarized in the *Phase I Building Assessment Report* prepared by ARCADIS in January 2009. This section summarizes the Phase I report, which is included in this Report as Appendix A.

The scope of the assessment activities was limited to facility structures and associated equipment and did not include soil, groundwater, or other environmental media; activities were performed to provide data for the conceptual understanding of the conditions and potential impacts to the building interiors. The structures that were subject to the assessment activities included: Building 1 (High Bay and first and second floor office areas), Buildings 2, 4, 8, 9, 17, 18, 20, and 21, Pump House, and exterior tanks. The following Phase I Pre-Demolition Building Assessment activities were completed:

- Historic document review;
- Verification of electric service disconnection and lockout/tagout of remaining energy sources during sampling activities;
- An asbestos survey;
- Building material sampling and analyses; and
- Visual observation of tanks.

2.2 Phase II

The objective for obtaining additional building material characterization data was to better determine how building materials will be handled during building demolition activities, and to meet the primary goals of building demolition:

1. Retain concrete floors as part of the proposed environmental cap.
2. Salvage or recycle materials where possible, thereby reducing the volume of material being disposed of in landfills.
3. Minimize hazardous material requiring disposal at a hazardous waste landfill.

The Phase II building material assessment was completed in May 2010. Sample collection was performed by SCA Environmental, Inc. (SCA). SCA prepared *Summary Report: Phase 2 Hazardous Materials Survey* to summarize the sampling activities and present the analytical data. SCA's report is included in this Report as Appendix B. SCA followed Geosyntec's protocol for sample collection and analysis as outlined in the *Phase II Building Material Characterization Sampling Plan* prepared by Geosyntec in May 2010. The sampling methodology is summarized below for each type of media.

2.2.1 Concrete Slabs

Concrete samples were collected by coring the upper 3 inches of the concrete surface. During Phase I, concrete samples typically targeted stained areas, and surficial residue/staining was included in the samples; therefore, for Phase II only the bottom 2 inches of the core was submitted for analysis to better determine the vertical extent of PCB impacts in concrete. Samples were placed in glass jars with Teflon-lined lids, labeled, and stored on ice. In general, most samples were analyzed for total PCBs. Two samples from stained concrete areas were analyzed for VOCs and semi-volatile organic compounds (SVOCs) based on Phase I data.

2.2.2 Wipe Samples

A limited number of wipe samples were collected from painted, metal, or glass surfaces. Wipe samples were collected using a sterile gauze pad which was moistened with hexane. A 10 centimeter by 10 centimeter area was wiped down with the sterile gauze pad in both directions (horizontally and vertically across the grid) and the gauze placed in a 4-ounce amber jar. Samples were analyzed for total PCBs.

2.2.3 Paint Chips

The following steps were followed for paint chip sample collection:

1. Lead was analyzed in paint using a portable XRF unit prior to paint chip removal.
2. Wipe sample was then collected, if applicable.
3. The painted surface was decontaminated using the double wash/rinse method per 40 CFR Part 761, Subpart S.
4. Paint was then physically removed (i.e., chipped or peeled away) from surfaces and collected in glass jars with Teflon-lined lids. Samples were labeled and stored on ice.
5. The final, paint-free area was screened with the XRF unit again, and final lead reading recorded.
6. In a few areas where paint was removed from metal surfaces, another wipe sample was collected to confirm PCB concentrations following paint removal.

Samples were analyzed for total PCBs. Approximately 25 percent of paint chip samples were also analyzed for Title 22 Metals (including lead).

2.2.4 Brick and Cinderblock Walls

Paint was removed from brick and cinderblock surfaces prior to core sample collection, if applicable. Brick/cinderblock material was chipped out and collected from the walls following paint removal. Buildings 1 and 2 have double-layered brick walls with a separate layer of bricks on the exterior from the interior layer. Cores were collected from both exterior and interior bricks. Samples were placed in glass jars with Teflon-lined lids, labeled, and stored on ice. Samples were analyzed for total PCBs.

2.2.5 Equipment

Paint on equipment (such as cranes) was screened for lead with an XRF unit, and paint chip samples were collected. A limited number of wipe samples were also collected prior to and following paint chip removal to evaluate effectiveness of paint removal activities. Paint chip and wipe samples were analyzed for total PCBs. Approximately 25 percent of paint chip samples were also analyzed for Title 22 Metals (including lead).

2.2.6 Wood Supports

Core samples were collected from wood supports in Building 17. Samples were placed in glass jars with Teflon-lined lids, labeled, and stored on ice. Samples collected from Building 17 support posts were analyzed for PCBs, VOCs, and SVOCs.

2.2.7 Other Surface Features/Appurtenances

Other site features sampled consisted of bollards, safety railings, and the water tank. These materials are painted metal. Paint was screened with the XRF unit and chip samples were collected. A limited number of wipe samples were collected prior to and following paint chip removal to evaluate effectiveness of paint removal activities. Paint chip and wipe samples were analyzed for total PCBs, and one paint chip sample was also analyzed for Title 22 Metals.

3.0 RESULTS

This section provides a general description of the building areas and a summary of the Phase I and II investigations for each building. The results are presented in Appendices A and B. The buildings are depicted on Figure 2.

3.1 Building 1

Building 1 consists of a concrete slab with sunken areas, gravel-filled pits, sumps, and secondary containment areas. The walls are double-layered brick; the majority of exterior walls are plain brick, with one painted wall, and the interior walls are painted. Steel structural supports are throughout the building with overhead cranes. An office area is located at the northeast end of the building.

3.1.1 Paint

Phase I

Paint chip samples were collected from walls, steel beams, and the wood ceiling during Phase I; PCBs were detected ranging from 17 to 63.5 ppm, and lead was detected ranging from 38 to 2,700 ppm (ARCADIS, 2009).

Phase II

During Phase II activities, an XRF unit was used to screen paint for lead at 72 locations in Building 1. Per the U.S. Department of Housing and Urban Development (HUD) criteria of XRF readings having a result greater than or equal to 1 mg/cm^2, 23 of the 72 locations are defined as lead-based paint.

Four wipe samples were collected from painted surfaces for PCB analysis during Phase II. One sample had PCBs detected at 0.0015 µg/cm^2 (0.15 µg/100 cm^2) on a structural steel column and the remaining samples had no PCBs detected. Two wipe samples were also collected from metal surfaces following paint removal; PCBs were detected at 0.045 µg/cm^2 (4.5 µg/100 cm^2) and 0.059 µg/cm^2 (5.9 µg/100 cm^2).

Following XRF screening and wipe sample collection, the paint was decontaminated during Phase II, per Section 2.2.3, and paint chip samples were collected. A total of 11 paint chip samples were collected. PCBs were not detected in one sample and PCB concentrations ranged from 3.9 ppm to 130 ppm in the remaining 10 samples. Four samples were also analyzed for Title 22 Metals; cadmium, chromium, lead, and zinc concentrations exceeded Total Threshold Limit Concentration (TTLC) criteria. Lead concentrations ranged from 1,400 ppm to 49,000 ppm and zinc ranged from 14,000 ppm to 51,000 ppm. Cadmium and chromium exceed TTLC limits in one sample at concentrations of 110 ppm and 2,200 ppm, respectively.

3.1.2 Brick

Phase I

Phase I core samples were collected from the interior brick and wood surfaces; paint adhered to the surface of the core sample was included in the sample. Most PCBs detected in brick and wood core samples were below 1 ppm; one sample contained 3.1 ppm and another contained 47.1 ppm of PCBs (ARCADIS, 2009). The exterior brick was not characterized during Phase I activities.

Phase II

Following paint removal (if applicable), samples of brick were collected during Phase II for PCB analysis. Six interior and six exterior samples were collected. PCBs were detected in two interior samples at concentrations of 0.73 ppm and 1.2 ppm; PCBs were not detected in the remaining samples.

3.1.3 Concrete

Phase I

Phase I concrete core sampling typically targeted stained concrete floor areas. PCBs were detected with concentrations ranging from 0.56 ppm to 460 ppm, and VOCs and SVOCs were detected above TTLC limits in the concrete floor (ARCADIS, 2009).

Phase II

During Phase II sampling activities, 41 concrete core samples were collected from Building 1. Of these samples, PCBs were not detected in eight samples and total PCBs ranged from 0.60 ppm to 1,600 ppm. VOCs and SVOCs were tested for in two samples; concentrations of VOC and SVOCs were below applicable trigger standards. Concrete core sampling results are summarized in Figure 3.

3.1.4 Sumps

During Phase I, two debris samples were collected from sumps located in Building 1. The materials in the sumps contain PCBs from 1.8 ppm to 1,004 ppm. No further characterization was completed during Phase II.

3.1.5 Equipment

Phase I

Out of three wipe samples collected during Phase I, one PCB detection occurred on the metal surface of a vent with a concentration of 16 µg/wipe (ARCADIS, 2009). PCBs were not detected in oil samples from each bridge crane.

Phase II

One wipe sample was collected from a bridge crane during Phase II; PCBs were not detected.

3.1.6 Wood

Phase I

Six wood core samples were collected during Phase I and were analyzed for PCBs. PCB concentrations ranged from non-detect to 1.1 ppm. One of the wood core samples was also analyzed for VOCs and SVOCs, which were detected below TTLC concentrations. One paint chip sample, which was analyzed for lead, had a concentration of 100 ppm.

Phase II

No wood core samples were collected during Phase II. Paint on wood surfaces was screened for lead with a portable XRF unit as discussed in the "Paint" section above. Five out of the 18 XRF wood samples contained lead above the HUD criteria.

3.1.7 Windows

One wipe sample was collected from glass in Building 1 in Phase I and one wipe sample was also collected during Phase II; PCBs were not detected.

3.2 Building 2

Building 2 consists of a concrete slab with sumps, a sunken area, and a secondary containment area. A small office area and bathrooms are also located in the building. The walls are constructed with double-layered brick for the first 5 feet of wall height, and windows for the final 10 feet of wall height.

3.2.1 Paint

Phase I

Paint chip samples were collected from walls, steel beams, and the wood ceiling during Phase I; PCBs were detected ranging from 3.4 to 280 ppm, and lead was detected ranging from 1,300 to 20,000 ppm (ARCADIS, 2009).

Phase II

During Phase II activities, an XRF unit was used to screen paint for lead at 47 locations in Building 2. Per the HUD criteria of XRF readings having a result greater than or equal to 1 mg/cm^2, 16 of the 47 locations are defined as lead-based paint.

Four wipe samples were collected from painted surfaces for PCB analysis during Phase II; PCBs were not detected. Two wipe samples were also collected from metal surfaces following paint removal; PCBs were detected in one sample at 0.011 $\mu g/cm^2$ (1.1 $\mu g/100\ cm^2$).

Following XRF screening and wipe sample collection, the paint was decontaminated during Phase II, per Section 2.2.3, and paint chip samples were collected. A total of 10 paint chip samples were collected from walls and structural supports. PCBs were detected in all samples and concentrations ranged from 1.8 ppm to 64 ppm. Three samples were also analyzed for Title 22 Metals; chromium (1,400 to 2,600 ppm), lead (7,200 to 18,000 ppm), and zinc (8,300 to 26,000 ppm) concentrations exceeded TTLC limits in each sample, and mercury (24 ppm) exceeded TTLC limits in one sample.

3.2.2 Brick

Phase I

Core samples were collected from the interior brick and wood surfaces; paint adhered to the surface of the core sample was included in the sample. PCBs detected in brick and wood core samples were below 1 ppm (ARCADIS, 2009). The exterior brick was not characterized during Phase I activities.

Phase II

Following paint removal (if applicable), samples of brick were collected during Phase II for PCB analysis. Six interior and six exterior samples were collected. PCBs were detected in each interior sample with concentrations ranging from 1.2 ppm to 2.5 ppm; PCBs were not detected in the exterior samples.

3.2.3 Concrete

Phase I

Phase I concrete core sampling typically targeted stained concrete floor areas. PCBs were detected at concentrations ranging from 0.051 to 6.3 ppm and VOCs and SVOCs were detected below TTLC limits in the concrete floor (ARCADIS, 2009).

Phase II

During Phase II sampling activities, 20 concrete core samples were collected from Building 2. Of these samples, PCBs were not detected in 13 samples, and total PCB concentrations ranged from 1.1 ppm to 23 ppm in the remaining samples. Concrete core sampling results are summarized in Figure 3.

3.2.4 Sumps

During Phase I, one debris sample was collected from one of the sumps located in Building 2. The materials in the sump contained PCBs at a concentration of 3.3 ppm. No further characterization of sumps was completed during Phase II.

3.2.5 Equipment

Phase I

PCBs were not detected in oil samples from each bridge crane. No further oil samples are anticipated at this time; however, waste characterization sampling may be required for additional parameters after equipment oil is drained and containerized.

Three wipe samples were collected during Phase I (from ceiling vents and a metal door); PCBs were detected from non-detect to 7.6 µg/wipe.

Phase II

One wipe sample and paint chip sample were collected from the central shop crane. PCBs were not detected in the wipe sample, but were detected at 2.4 ppm in the paint.

3.2.6 Wood

Phase I

Three wood core samples were collected from the ceiling; no PCBs were detected, and VOCs and SVOCs were detected below TTLC limits. A paint chip sample was collected from the wood ceiling and analyzed for PCBs and lead, which were detected at 280 ppm and 1,300 ppm, respectively.

Phase II

During Phase II, wood cores were not collected. Paint on wood surfaces was screened for lead with a portable XRF unit as discussed in the "Paint" section above. Two out of the nine XRF wood samples contained lead above the HUD criteria.

3.2.7 Windows

No samples were collected from glass surfaces during Phase I. Two wipe samples were collected from windows during Phase II; PCBs were not detected.

3.3 Building 8

Building 8 was formerly used for sandblasting. The building consists of a concrete floor and cinderblock walls. Sandblasting media remains in the building and was analyzed for metals. Sandblasting media will be removed and characterized separately during demolition activities.

3.3.1 Concrete

Phase I

During Phase I, PCBs were detected below 1 ppm in all but one sample (2.49 ppm) in the cinderblock walls, concrete floor, and sump. VOC concentrations were detected below TTLC limits. The sample that exceeded 1 ppm of PCBs included concrete floor and sandblasting media (ARCADIS, 2009).

Phase II

The above floor sample was resampled, without sandblasting material, during Phase II; PCBs were not detected in this sample. An additional concrete core sample was collected in Building 8 during Phase II and PCBs were not detected. Concrete core sampling results are summarized in Figure 3.

3.3.2 Paint

During Phase I, PCBs and lead were detected in one paint chip sample from a metal door frame at concentrations of 98 ppm and 1,100 ppm, respectively (ARCADIS, 2009). Additional waste characterization samples will be collected from painted surfaces during demolition activities.

3.3.3 Cinderblock

Two core samples were collected from the cinderblock walls of Building 8 during Phase II. PCBs were detected in each sample at concentrations of 0.96 ppm and 1.1 ppm.

3.4 Building 17

Building 17 is an open-sided, metal panel building with wooden supports throughout the building, with a concrete floor.

3.4.1 Concrete

Phase I

Two concrete core samples were collected during Phase I; PCBs were detected in one sample at a concentration of 0.052 ppm (ARCADIS, 2009).

Phase II

Three additional concrete samples were collected during Phase II; PCBs were not detected. Concrete core sampling results are summarized in Figure 3.

3.4.2 Paint

PCBs were not detected in the three wipe samples collected from the building in Phase I. Paint chip samples from a metal staircase had a PCB concentration of 2.0 ppm and lead concentration of 1,100 ppm (ARCADIS, 2009). No additional sampling was completed during Phase II. Additional sampling of paint may be required for salvage/disposal purposes during demolition activities.

3.4.3 Wood

Phase I

During Phase I, one wood core sample was collected from a wooden support post. PCBs were not detected. Pentachlorophenol was detected in the sample at a concentration exceeding the TTLC (ARCADIS, 2009).

Phase II

Five additional wood core samples were collected during Phase II; PCBs were not detected and pentachlorophenol was detected at concentrations exceeding the TTLC. Naphthalene, 4-methyl-2-pentanone, xylenes, isopropyl toluene, and toluene were detected in different combinations exceeding TTLC concentrations in some of the samples.

3.5 Building 18

Building 18 consists of a concrete floor with metal panel walls and a steel frame. This building is currently used to store metal shelving/racks.

3.5.1 Concrete

Phase I

PCBs were detected below 1 ppm in the concrete floor in three samples during Phase I. Based on a statistical analysis, two more samples were collected to verify PCB concentrations in the concrete floor (to achieve a 99 percent confidence level).

Phase II

During Phase II, PCBs were not detected in one sample and were detected at 12 ppm in the other sample. Concrete core sampling results are summarized in Figure 3.

3.5.2 Paint

During Phase I, PCBs and lead were detected in the one paint sample from the sliding door at a concentration of 5.3 ppm of PCBs and 400 ppm of lead. No additional paint chip samples were collected during Phase II. Additional sampling may be required for salvage/disposal purposes during demolition activities.

PCBs were detected in Phase I wipe samples from a structural beam at 14 and 22 µg/wipe. The samples were collected from an area with a "residue" (ARCADIS, 2009).

3.6 Building 20

Building 20 is a small, metal panel-sided building on a concrete slab.

3.6.1 Concrete

Phase I

Three concrete core samples were collected during Phase I; two samples were below 1 ppm and one sample had a PCB concentration of 1.03 ppm in the containment area.

Phase II

Two additional concrete core samples were collected in Phase II and PCBs were detected at concentrations of 0.56 ppm and 3.6 ppm. Concrete core sampling results are summarized in Figure 3.

3.6.2 Paint

Phase I

Lead was detected at a concentration of 7,500 ppm in a paint chip sample collected from a metal sliding door. No PCB analyses were done for the paint chip sample (ARCADIS, 2009).

Two wipe samples and one field duplicate were collected from building materials. PCB concentrations were up to 7.0 µg/wipe (ARCADIS, 2009).

Phase II

A paint chip was collected, from the same area as above, during Phase II and analyzed for PCBs; PCBs were detected at a concentration of 5.9 ppm.

3.7 Building 21

Building 21 formerly housed several aboveground storage tanks which were removed from the site by December 2009. The building consists of metal panel walls and a concrete floor.

PCBs were not detected in the concrete floor core samples, but were detected at 68 ppm in residue from a concrete sump. Levels of VOCs and SVOCs were detected in concrete samples below TTLC limits. No additional concrete floor samples were collected during the Phase II characterization activities in Building 21. Building 21 will be addressed during demolition and described in the Demolition Specifications.

PCBs and lead were detected in one paint chip sample collected at 0.29 ppm and 82 ppm, respectively. PCBs were not detected in three building material wipe samples (ARCADIS, 2009). No wipe or paint samples were collected during Phase II. Samples will be collected during demolition activities.

3.8 Other Features/Appurtenances

Exterior site features have not previously been characterized. During Phase II, exterior site features were selected for sampling based on the color of paint. Paint chip samples were collected from the water tank with silver and orange paint, a bollard with red paint, and safety rails with yellow paint. PCBs were detected in the safety rail paint and water tank paints at concentrations of 0.99 ppm and 3.3 ppm, respectively. PCBs were not detected in the bollard paint. The paint chip sample from the water tank was also analyzed for Title 22 Metals; chromium and lead were detected above the TTLC at 2,800 ppm and 46,000, respectively.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the data from the Phase I and Phase II building material assessments, the following sections will discuss options for materials handling during building demolition activities, and how to meet the primary goals of building demolition:

1. Retain concrete floors as part of the proposed environmental cap. If PCBs are present above 1 ppm, cover floor with 6-inches of asphalt.
2. Salvage or recycle materials where possible, thereby reducing the volume of material being disposed of in landfills.
3. Minimize hazardous material requiring disposal at a hazardous waste landfill.

The following criteria apply for retaining materials onsite or for recycling/disposal offsite:

- For materials to remain on the Site:
  - Material may be placed under the cap (i.e., use brick as fill material).
- For materials removed from the Site:
  - Materials to be reused should have a PCB concentration of less than 10 µg/100 cm^2 (40 CFR Part 761.79) and based on individual acceptance criteria at recycling/salvaging facilities.
  - Materials having a PCB concentration greater than 50 ppm or wipe sample results greater than 10 µg/100 cm^2 will be disposed of offsite as Toxic Substances Control Act (TSCA) waste.
  - Materials containing lead, metals, VOCs, or SVOCs with concentrations exceeding the TTLC will be disposed of as Cal-Haz.
  - Materials with constituents that exceed Toxic Characteristic Leaching Procedure (TCLP) limits will be disposed of offsite as RCRA hazardous waste.
  - Materials containing asbestos will be disposed of at an approved facility.

4.1 Paint

Based on Phase I and Phase II characterization results, lead-based paints, as defined by HUD, were identified on a variety of substrates at the Site. Also, paint chip samples analyzed for Title 22 Metals contained levels of lead, zinc, chromium, cadmium, and mercury exceeding the TTLC. TCLP levels were also exceeded in some of the samples for different metals (mostly lead).

Onsite paint typically appears to be manufactured with lead and PCBs. The assumption that PCBs are in the paint is based on the low results during wipe samples, and the PCB

concentrations in paint chip samples following decontamination of paints. Most PCB concentrations in paint were below 50 ppm; however, PCBs were detected above 50 ppm in some locations.

Therefore, paints at the Site should be treated as having PCBs in them and a lead content greater than 600 ppm, requiring dust control procedures in compliance with 8 CCR 1532.1. Loose and peeling paints will be removed prior to any demolition activities. Loose paint chips will be collected and drummed for disposal. Additional characterization samples from the drums should be collected prior to disposal.

Materials with paint securely adhered are likely unable to be recycled/salvaged due to PCB impacts and the costs associated with removing paint. Additional waste characterization samples may need to be collected prior to offsite disposal.

4.2 Brick/Masonry

Brick that is in good condition, not painted, and not impacted with PCBs can be re-used. Broken brick (clean from paint and PCB impacts) may be taken to local recyclers or reused onsite as fill material. The majority of the exterior brick on Buildings 1 and 2 may be able to be reused or recycled if separation from the interior brick is cost-effective and feasible. An appropriate recycling company will be found for accepting the brick, and their acceptance criteria will be followed.

Depending on the lead and PCB concentrations, painted brick may be deposited onsite as fill material, or may be disposed of offsite.

Cinderblock is typically not recycled and will be used as fill material onsite or disposed of offsite.

4.3 Concrete

The concrete slabs at the Site were evaluated to be used as part of the cap. Concrete slabs with PCB concentrations below 1 ppm will be left exposed on the Site and act as part of the cap. Concrete with PCB concentrations equal to or greater than 1 ppm will remain in place and will be capped over with the proposed asphalt cap.

Based on the data collected, the slabs for Buildings 1 and 2 will be capped over. In the low-lying areas of the Site, crushed brick or other debris from the demolition activities will be placed in the lower areas to make the slab level. The slab from Building 21 will also be placed under the cap. The elevated portions of concrete should be broken down and used to fill in the lower portions.

Additional sampling of concrete in Buildings 18 and 20 may be required to confirm PCB concentrations and extent of impacts to better evaluate if the slabs should be left uncapped.

Buildings 4, 8, and 17 have concentrations below 1 ppm. A statistical analysis of the data for these slabs was performed using the Wilcoxon rank-sum test which indicated, with a 99 percent confidence level, that a sufficient number of samples were collected to support that the concentrations of PCBs in the concrete are below 1 ppm, and therefore the concrete slabs will remain onsite as part of the cap.

4.4 Metal

Painted metal items will most likely be disposed of offsite due to the PCB concentrations in the paint and the unfeasibility of removing paint. Prior to disposal, loose and peeling paint will be removed per Section 4.1. Additional paint samples may be required by the disposal facility.

Unpainted materials, such as metal siding on Building 17, may be accepted by metal salvagers for reuse or recycling.

4.5 Windows

Windows in Building 2 contain asbestos in the caulking (see Section 4.7 below) and will be disposed of at a facility qualified to accept asbestos materials. Caulking materials will also be sampled for PCBs to determine appropriate disposal requirements. The majority of windows will likely be disposed of offsite as non-hazardous. If windows have paint on them, they will likely be disposed of offsite as hazardous due to the PCBs and lead in the paint.

4.6 Wood

Wood with no paint can be chipped and used either for fuel or mulch. Wood with lead and PCB paint will likely have to be disposed of at an appropriate landfill. The wood support posts in Building 17 are impacted with pentachlorophenol above TTLC limits and will need to be disposed of offsite at an appropriate landfill as Cal-Haz. Additional waste characterization samples may be required by the disposal facility.

4.7 Asbestos Abatement

Materials identified as asbestos-containing materials (ACM), asbestos-containing construction materials (ACCM), and light bulbs/ballast, switches, and debris during the Phase I assessment were removed and appropriately disposed of in 2009 to prepare the Site structures and features for demolition.

A limited amount of ACM was left onsite due to the difficulty of removing the material without demolishing the building:

- Shingles on the roof of Building 1;
- Window caulking in Building 2;
- Rolled composite and shingles on the roof of Building 8.

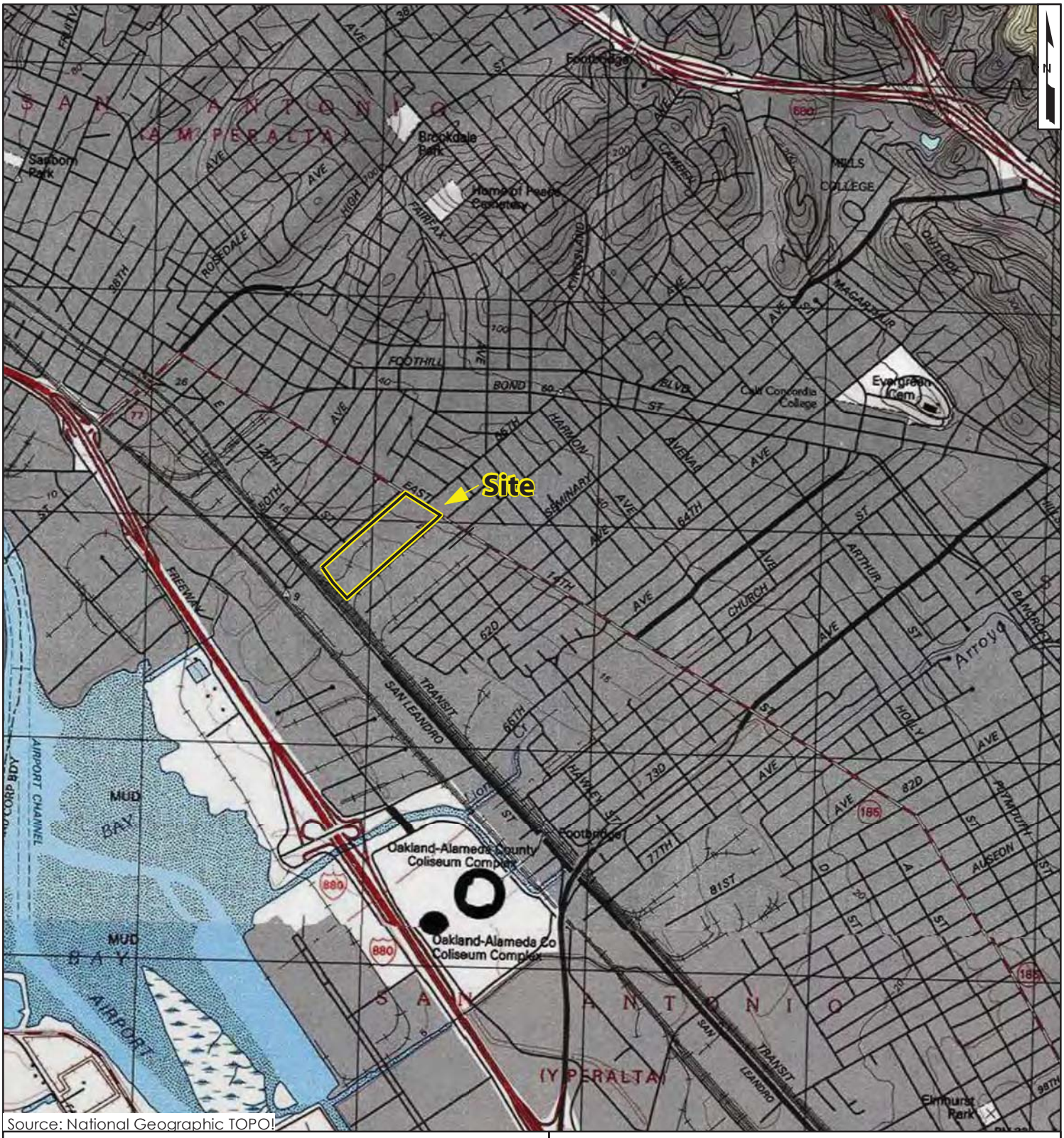
These materials will be removed and appropriately disposed of during demolition activities.

5.0 REFERENCES

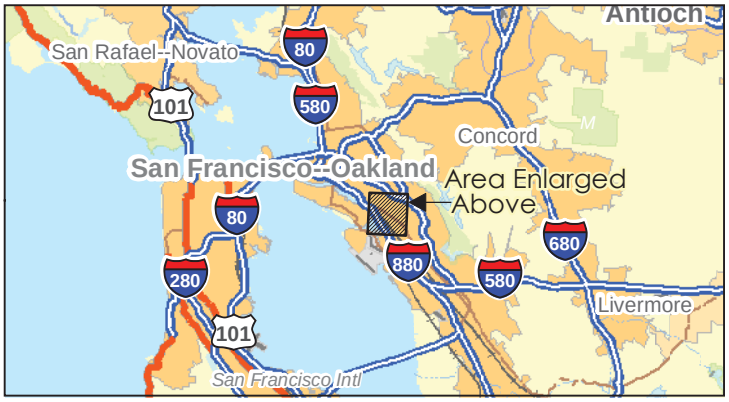
ARCADIS, 2009. *Phase I Building Assessment Report*. Prepared for General Electric, January.

Geosyntec, 2010. *Draft Phase II Building Material Characterization Sampling Plan*. Prepared for General Electric, May.

SCA, 2010. *Summary Report: Phase 2 Hazardous Materials Survey*. Prepared for Geosyntec Consultants, June.



Source: National Geographic TOPO!



2,000 1,000 0 2,000 Feet

Site Location

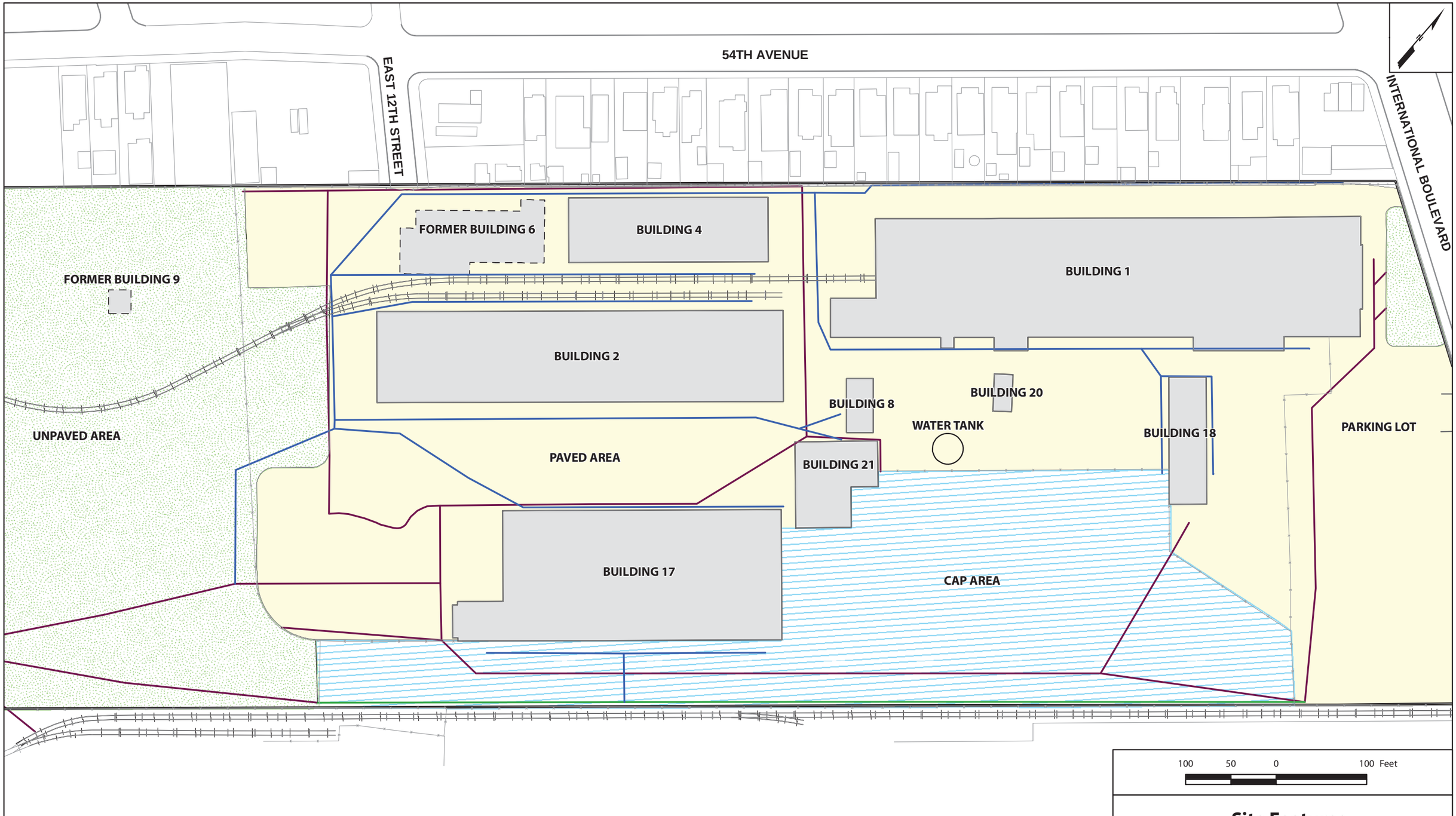
5441 International Boulevard
Oakland, California

Geosyntec consultants

San Diego | July 2010

Figure 1

P:\GIS\SC0659\Site Location.mxd.jdanson



Legend

- Railroad
- Roof Drain
- Storm Drain
- Channel
- Road
- Property Boundary
- Bentonite Cap
- Pervious Area
- Impervious Area
- Former Building
- Existing Building

Site Features

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Oakland, California

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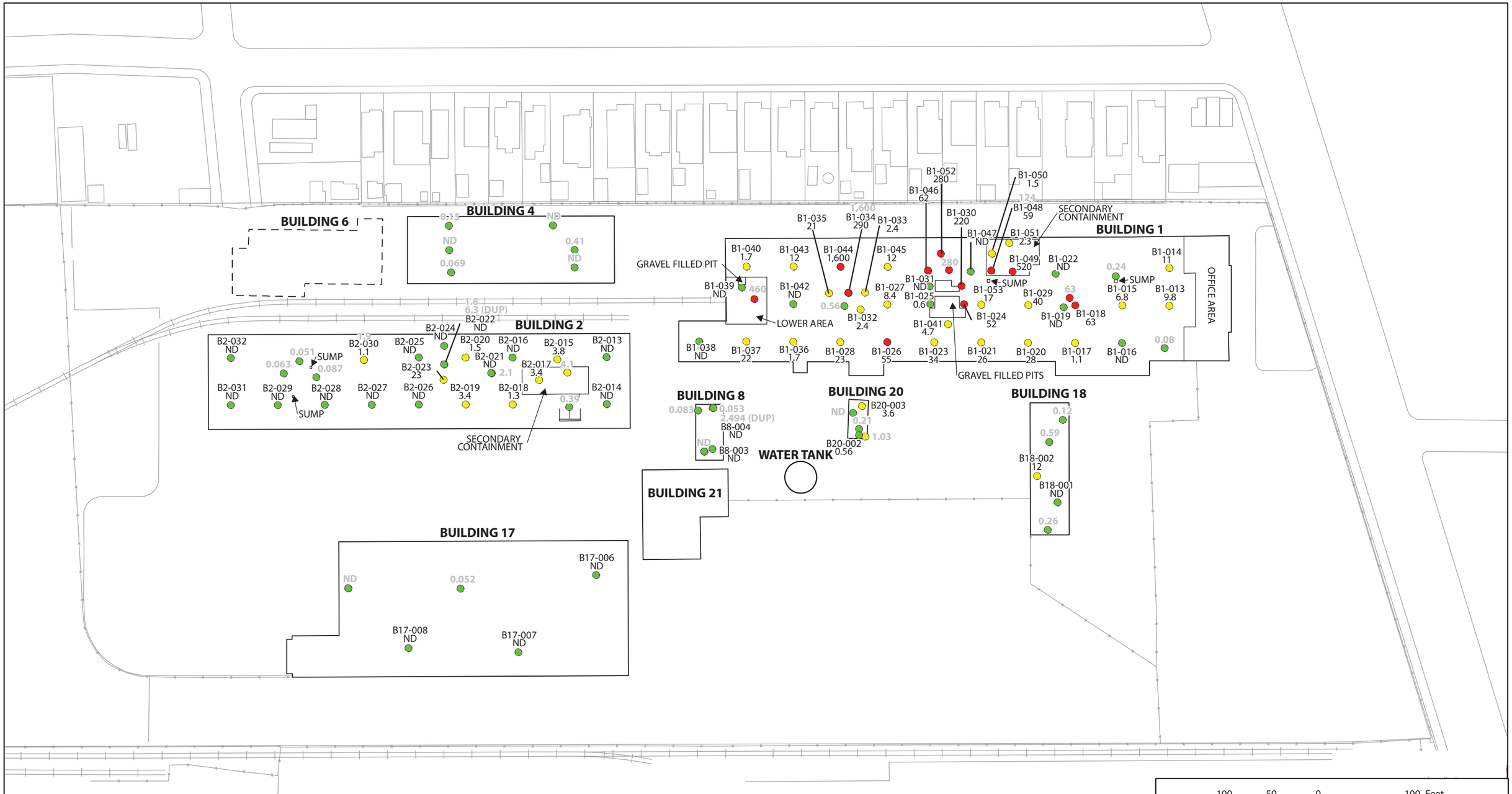
Figure 2

P:\GE\SC0609\SiteFeatures.mxd



Legend

PCB Results

- <1 ppm (meets cap criteria)
- ≥1 ppm (does not meet cap criteria)
- ≥50 ppm (TSCA)
- Former Building
- Existing Building

Result Key

ND	Data from ARCADIS 2009 Report
B17-008 ND	Partial Sample ID from SCA Data from SCA 2010 Report

Data Source: ARCADIS, 2009. Draft Phase I Building Assessment Report. Prepared for General Electric, January 2009. SCA, 2010. Summary Report: Phase 2 Hazardous Materials Survey, June 2010

100 50 0 100 Feet

PCB Concrete Core Sample Results

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Figure 3