US Army Corps of Engineers

SAN FRANCISCO DISTRICT

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Contact

Dredge Material Management Office
1455 Market Street
San Francisco, CA 94103
(415) 503-6808

Dredged Material Management Office (DMMO)

Welcome to the Dredged Material Management Office (DMMO) Internet information server. This Internet site provides information regarding navigational dredging projects processed through the DMMO in the San Francisco Bay area.

The DMMO is a joint program of the San Francisco Bay Conservation and Development Commission (BCDC), San Francisco Bay Regional Water Quality Control Board (RWQCB), State Lands Commission (SLC), the San Francisco District U.S. Army Corps of Engineers (COE), and the U.S. Environmental Protection Agency (EPA). Also participating are the California Department of Fish and Game, the National Marine Fisheries Service, and the Fish and Wildlife Service who provide advice and expertise to the process. The purpose of the DMMO is to cooperatively review sediment quality sampling plans, analyze the results of sediment quality sampling and make suitability determinations for material proposed for disposal in San Francisco Bay. The Goal of this interagency group is to increase efficiency and coordination between the member agencies and to foster a comprehensive and consolidated approach to handling dredged material management issues. Applicants using DMMO fill out one application form, which the agencies then jointly review at bi-weekly meetings before issuing their respective authorizations.

Public Notice PN 96-3 describes the DMMO, the Memorandum of Understanding (MOU) implementing the DMMO, and the DMMO application form with instructions all working under the General Operating Principles. (Please click on appropriate subject for further information.)

Listening Session Notes - **January 30, 2003**

DMMO Annual Reports

San Francisco Estuary Institute's Dredger Web Page: http://www.sfei.org/content/dmmo-ambient-sediment-conditions

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To obtain additional information regarding sediment sampling and testing requirements, or development of sampling and analysis plans, contact DMMO staff member:

Rob Lawrence, **(415) 503-6808**

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Application and Processing Fees - Each of the regulatory agencies participating in the DMMO and accepting the Consolidated Dredge Application has their own unique fee structure and any applicable fees should be provided directly to that agency.

The USACE does not require the submittal of a fee with the application. At the time of issuance the Corps requires a fee of $10 for a private party, $100 for a commercial project and no fee for a public agency project.

The fee schedule for BCDC is attached.

The fee schedule for the RWQCB is attached. The RWQCB's upland disposal annual fee is decided on a case by case basis according to a fee schedule based on the "threat to water quality and complexity". Currently these fees range from $500 to $10,000 per year. The SLC requires submittal of an $825 reimbursable agreement for staff time involved in processing dredging project leases.

SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION
50 California Street • Suite 2600 • San Francisco, California 94111 • (415) 352-3600 • FAX: (415) 352-3606 • www.bcdc.ca.gov

October 21, 2005

TO: Commissioners, Alternates and Members of the Public

FROM: Will Travis, Executive Director (415/352-3653 travis@bcdc.ca.gov)
Ellen Sampson, Staff Counsel (415/352-3610 ellens@bcdc.ca.gov)

SUBJECT: Notice of Annual Adjustment to Permit Application Fees
(For Commission information only)

Notice

Effective January 1, 2006, the Commission's permit application fees will be increased by 40 percent. This increase is due to an annual calculation of fees required by the Commission's regulations.

Background

In 2004, after a detailed study and public hearings, the Commission amended Appendix M to its regulations to increase its permit application fees by a factor of 3.2. This increase brought the Commission's fees more in line with application fees charged by other state and local agencies and satisfied a requirement of the Legislature that BCDC's fees generate revenue totaling approximately 20 percent of BCDC's total regulatory program costs.

The Commission's regulations include a formula for an annual adjustment of the permit fees based on the revenue actually generated in the prior fiscal year and the total program costs as established by the Commission's annual budget. If the revenue collected is less than 20 percent of the program costs, the fees must be increased; if the revenue collected is more than 20 percent of the program costs, the fees must be decreased. Annual fluctuations in fees are expected. All of the Commission's fees are deposited in the State General Fund.

In FY 04-05, the Commission collected approximately $167,478 under the adopted application fee schedule. This amount is less than 20 percent of the $1,944,135 cost for the regulatory program in FY 05-06. In order to generate a projected 20 percent of the total regulatory program costs, the fees must be increased by approximately 40 percent for the coming calendar year as shown below. The new schedule of fees will apply to any application received on or after January 1, 2006, for a period of at least one year.

bcdc

Making San Francisco Bay Work

Commission Permit Application Fees

Fees Effective January 1, 2006

Type of Permit Application	Previous Fee	Current Fee
Abbreviated Regionwide Permit	$160	$220
Regionwide Permit	$320	$450
First Time Extension for any permit	$160	$220
Non-material Amendment to permit, including Subsequent Time Extension	$320	$450
Material Amendment to permit	Same as for first time application	
Material Amendment to application	Seventy-five percent(75%) of original application fee	
Emergency Permit	Same as for project as if not an emergency	
Minor Permit with a total project cost (TPC) of:		
(1) less than $300,000	$480	$670
(2) $300,000 to $10 million	0.16% of TPC	0.22% of TPC*
(3) more than $10 million	$16,000	$22,400
Major Permit with a total project cost (TPC) of:		
(1) less than $250,000	$800	$1,100
(2) $250,000 to $10 million	0.32% of TPC	0.45% of TPC*
(3) more than $10 million	$32,000	$44,800

* = Total Project Costs

California Regional Water Quality Control Board

San Francisco Bay Region

Winston H. Hickox
Secretary for Environmental Protection

Internet Address: http://www.swrcb.ca.gov
1515 Clay Street, Suite 1400, Oakland, California 94612
Phone (510) 622-2300 • FAX (510) 622-2460

Gray Davis
Governor

WATER QUALITY CERTIFICATION FEE SCHEDULE

Effective October 28, 2003

23 CCR §2200 (a)(2) - Dredge and Fill Operation fees shall be assessed as follows, not to exceed $40,000, plus applicable surcharge(s)[1].

Type of Discharge	Fees
(i) Fill & Excavation[2] Discharges. Size of the area as expressed in hundredths of acres (0.01 acre) (436 square feet) rounded up.	$500 Base Price + (Discharge area in hundredths of an acre x $21.50)
(ii) Dredging Discharges Dredge volume expressed in Cubic Yards.	$500 Base Price + (Dredge volume in cubic yards x $0.08)
(iii) Channel and Shoreline Discharges Includes linear discharges to drainage features and shorelines, e.g., bank stabilization, revetment and channelization projects. (Note): The fee for channel and shoreline linear discharges will be assessed under the "Fill and Excavation" or "Channel and Shoreline" schedules, whichever results in the higher fee.	$500 Base Price + (Discharge length in feet x $5.00)
(iv) Discharges to Non-federal (e.g. "Isolated") Waters. Discharges to waters or portions of waterbodies not regulated as "waters of the United States", including waters determined to be "isolated" pursuant to the findings of *Solid Waste Agency of Northern Cook County v. U.S. Army Corps of Engineers* (2001) 121 S. Ct. 675.	Double the applicable fee schedules except for (vi) restoration projects
(v) Low Impact Discharges. Projects may be classified as low impact discharges if they meet all of the following criteria: 1. The discharge size is less than all of the following: (a) for fill, 0.1 acre, and 200 linear feet, and (b) for dredging, 25 cubic yards. 2. The discharger demonstrates that:(a) all practicable measures will be taken to avoid impacts, (b) where unavoidable temporary impacts take place, waters and vegetation will be restored to pre-project conditions as quickly as practicable, and (c) where unavoidable permanent impacts take place, there will be no net loss of wetland, riparian area, or headwater functions, including onsite habitat, habitat connectivity, floodwater retention, and pollutant removal. 3. The discharge will not do any of the following: (a) directly or indirectly destabilize a bed of a receiving water, (b) contribute to significant cumulative effects, (c) cause pollution, contamination, or nuisance, (d) adversely affect candidate, threatened, or endangered species, (e) degrade water quality or beneficial uses, (f) be toxic, (g) include "hazardous" or "designated" material. 4. Discharge is to a waterbody regulated as "Waters of the United States".	$500 Flat fee.
(vi) Restoration Projects. Projects funded or sponsored by a government program with the primary purpose of restoring or enhancing the beneficial uses of water. This schedule does not apply to projects required under a regulatory mandate or to projects undertaken primarily for some other non-restorative purpose, e.g., land development.	$500 Flat fee
(vii) General Orders. Projects which are required to submit notification of a proposed discharge to the State and/or Regional Board as a condition of compliance with a general waste discharge requirement associated with permitting discharges authorized by a federal general permit or license, e.g., a U.S. Army Corps of Engineers nationwide permit.	$60 Flat Fee

- [1] When a single project includes multiple discharges within a single dredge and fill fee category, the fee for that category shall be assessed based on the total area, volume, or length of discharge (as applicable) of the multiple discharges. When a single project includes discharges that are assessed under multiple fee categories, the total fee shall be the sum of the fees assessed under each applicable fee category; however a $500 base fee, if required, shall be charged only once.

- [2] "Excavation" refers to moving sediment or soil in shallow waters or under no-flow conditions where impacts to beneficial uses are best described by the area of the discharge. It typically is done for purposes other than navigation. Examples include trenching for utility lines, other earthwork preliminary to construction, removing sediment to increase channel capacity, and aggregate mining in fresh waters.

- An application cannot be considered complete without the initial deposit of $500.

- Any certification action is not effective until payment of the required total fee.

- All fees should be made payable to and submitted to the Regional Water Quality Control Board at the above address, attention: 401 Certifications.

- **A fee calculator is available: http://www.swrcb.ca.gov/rwqcb2/certs.htm**

Applying for Water Service with an Existing Main

The information below describes how to apply for a new water service when your property fronts on an existing main. Disclaimer: Applicants for new water service will find this information helpful to understand the process of applying for a new water service. These charges and fees are presented as guidelines for the estimates of costs. Final quotations will not be issued until a properly completed application is submitted and required Water Service Estimate fees are paid. All applications for water service are subject to review and approval by the District. All requests for preliminary estimates or quotations must include an address, accurate location of the parcel to be served, and the proposed use of the premises. Availability of an existing main, unusual installation conditions and contaminated soil conditions may increase your final cost.

Popular Pages in New Service Installations

Applying for Water Service Along with a New Main Extension

Applying for a Private Fire Service

Applying for Dual Service for Single-Family and Duplex

New Water Service Regulations

Regulations Governing Water Service

Applying for a Public Fire Hydrant

News

How to Apply for New Water Service with an Existing Main

STEP 1: Applicant Completes Water Service Application Packet, a fillable PDF file that can be viewed and printed with Adobe Acrobat Reader, a free software.

Get ADOBE® READER®

Please provide:

- Applicant and owner contact information
- Address and parcel number of property to be served
- Number of meters required
- Size of service required or total flow required (in gallons per minute/gpm)
- A $369 non-refundable Water Service Estimate fee if the water meter is larger than two inches. Please contact the New Business Office for further submittal requirements for meters larger than two inches.
- Building permit number or grading permit number
- Name, address and telephone number of plumbing and fire service contractor
- Meter Size Worksheet - The Meter Size Worksheet helps EBMUD determine the domestic demand for your property. A dual service has a larger meter than a standard domestic service to meet the flow demand for fire protection.
- Hydrant/Fire Service Requirements form, signed by the local fire marshal
- Application for Dual Service, completed and signed by the local fire marshal (if required)
- Applicant Checklist
- Site Plan with meter location shown
- Existing site environmental data (if available)
- Water Efficiency Requirements Checklist - EBMUD works with new customers to help ensure a reliable water supply for the next generation. To support water conservation goals, water service will be furnished to applicants for new or expanded service only when all applicable water-efficiency measures are installed at applicant expense./sites/default/files/downloads/complete_water_service_application_packet_fillable.pdf

Return forms and plans to:

EBMUD New Business Office
375 11th Street, First Floor
Oakland, CA 94607-4240

STEP 2: EBMUD Provides Cost Estimate

EBMUD calculates cost of water service(s) and sends estimate to applicant. Please allow 20 days for EBMUD to calculate charges.

STEP 3: Applicant Remits Payment

Applicant pays total fee either in person or by mail. The applicant must pay all charges before the job will be scheduled. Please call (510) 287-1008 to schedule an appointment to pay in person.

STEP 4: EBMUD Obtains Permit

EBMUD applies for either a city, county or state encroachment permit for street work at your site.

STEP 5: EBMUD Installs Meter

After receiving the encroachment permit, EBMUD schedules the meter installation.

Service Size

The Meter Size Worksheet found in the Application for Water Service Package is used to help EBMUD determine your new meter size.

If a service for both domestic use and fire protection is required, the System Capacity Charge (SCC) will be based upon the meter size necessary to meet domestic requirements only. A Dual Service Application must be completed and signed by the fire marshal.

Your contractor or a qualified plumber should be consulted regarding your particular service requirements.

Installation Time

Installation of your water service will be completed approximately six to eight weeks after EBMUD receives full payment and the encroachment permit is approved.

Costs

The cost of service depends on the size of the water meter, type of service and location of the property. The total cost will be the sum of the following:

- Installation Fee
- System Capacity Charge
- Wastewater Capacity Fee*
- Front Foot Charges*
- Contaminated Soils*
- Account Fee
- Annexation Fees*

**When applicable*

More information about new water service costs.

Installation Fees

- Single Meter - The installation fee covers the cost of installing a standard service and is based on the water meter size.

Meter Size One meter per lateral	Unpaved	Paved
5/8", 3/4" and 1"	$1,169	$6,193
1"*	$3,048	$6,255
1-1/2"	$3,148	$6,379
2"	$3,468	$7,301
3"	$21,504	$23,892
4"	$23,297	$25,885

*Lateral oversizing (1-1/2") for fire flow capacity (Dual Service)

- Multiple Meters on one lateral (branch services) - Branch services are allowed for customers if the meters are not dual services and two or more meters will be installed to serve structures on the same premises. Each lot must have its own individual service. Multiple meters larger than 1" may not be served by a branch service.

Two or more meters per lateral	Number Of Meters	Unpaved	Paved
5/8"	2	$3,421	$6,654
5/8"	3	$3,692	$6,925
5/8"	4	$3,967	$7,198
5/8"	5	$4,559	$8,393
5/8"	6	$4,832	$8,665
5/8"	7	$5,104	$8,938

5/8"	8	$5,377	$9,210
1"	2	$3,642	$6,871
1"	3	$4,027	$7,258
1"	4	$4,408	$7,640

If EBMUD determines that an ERT (Encoder, Receiver, Transmitter) meter is required, there will be an additional charge of $200.

Sample Calculation

The cost to install a Dual Service meter (1-1/2" tap and lateral with a 1" meter) to serve a single-family residence under paved conditions in West Oakland would be calculated as follows:

Installation Fee	$6,255
System Capacity Charge (SCC Region 1, 3/4" domestic demand, effective 8/11/14)	$16,100
Wastewater Capacity Fee	$1,607
Account Fee	$40
Total	$24,002

System Capacity Charge

The System Capacity Charge pays for the applicant's share of capital facilities including those that serve the entire water system.

New Water Service Regulations

The following regulations are associated with new water service and should be reviewed prior to submitting your application:

- Water Conservation Review
- Backflow Prevention Program
- Requirements for Buildings of Three Stories or Less
- Private Sewer Lateral Program
- Contaminated Soils

More information regarding Regulations.

Scheduling Appointments

Please contact EBMUD to schedule an appointment if you have questions about your project. Let us help you avoid unnecessary delays.

Contact Us

EBMUD New Business Office
375 11th Street, First Floor
Oakland, CA 94607-4240
(510) 287-1008
(510) 287-0325 FAX
nbo@ebmud.com

Business hours: Monday - Thursday, 7:30 a.m. to 5:00 p.m., Friday 8 a.m. - 4:30 p.m.
For water pressure information: (510) 287-1842
For questions about backflow prevention: (510) 287-0874

Resources

Rates and Fees

WATER SERVICE APPLICATION

EBMUD

EAST BAY MUNICIPAL UTILITY DISTRICT
P.O. BOX 24055 • OAKLAND, CA 94623 • (510) 287-1008

DISTRICT USE	FILING ADDRESS

APPLICANT NAME		DATE
ADDRESS		HOME PHONE NO.
CITY	ZIP CODE	WORK PHONE NO.
E-MAIL ADDRESS OF APPLICANT		

OWNER/BILLING		DATE
ADDRESS		HOME PHONE NO.
CITY	ZIP CODE	WORK PHONE NO.
E-MAIL ADDRESS OF OWNER		

METER DATA

LOCATION	ADDRESS	LOT NO.	TRACT / SUBDIVISION	CITY	ZIP CODE
METER TO BE INSTALLED	SIZE/GPM	NO. OF METERS	ASSESSORS PARCEL NO.		

USE

- ☐ RESIDENTIAL
- ☐ COMMERCIAL TYPE _____
- ☐ IRRIGATION
- ☐ MULTIPLE RESIDENTIAL — NO. OF UNITS _____
- ☐ FIRE PROTECTION
- ☐ INDUSTRIAL
- ☐ DOMESTIC DUAL SERVICE — NO. OF BLDGS _____

DOMESTIC PLUMBER/ CONTRACTOR	NAME	PHONE NO.
	ADDRESS (City, Zip)	
FIRE SERVICE PLUMBER/ CONTRACTOR	NAME	PHONE NO.
	ADDRESS (City, Zip)	

BUILDING/ GRADING PERMIT NO.

DATE

Billing for service charges begins when meters are installed. If water is not needed immediately after meter installation, it is the applicant's responsibility to contact Customer Service at 1-866-403-2683 to close the account.

APPLICANT SIGNATURE _____ _____ DATE

PLEASE SUBMIT A COPY OF THE SITE PLAN WITH METER LOCATION MARKED.

DISTRICT USE ONLY

☐ SCC ☐ DU ☐ SPC | REGION | PZ

MAP NO.(S)

ELEVATION | PRESSURE TYPE

RESERVOIR | METER | HOUSEPAD

WATER SERVICE APPLICATION RECEIVED

CHARGES/CREDITS

Installation ..... _____
Unusual Conditions ..... _____
System Capacity Charge:..... _____
DU _____ Mtr. Size _____
Credit: Tap # _____ ..... < > _____
Account Fee ..... _____
Wastewater Capacity Fee..... _____
Front Foot Charge ..... _____
_____ Feet @ $_____ /Ft.
Agreement # _____
Annexation..... _____
_____ Acres @ $ _____/Acre
Service Elimination Fee..... _____

TOTAL ➡ $

PREPARED BY	DATE

QUOTE GOOD FOR 30 DAYS

C-128 • 08/07

WATER SERVICE APPLICATION INSTRUCTIONS
(Form C-128)

1. Applicant is to mark location of meter on site plan, subject to District approval.
2. Meters are to be installed behind curbline or sidewalk depending on local code, and accessible to District at all times.
3. No meters are to be installed in driveways.
4. Attached Hydrant/Fire Flow form must be completed including signature of Fire Dept. having jurisdiction.
5. Please remember to include Assessor's Parcel Number, Building Permit Number and Applicant Signature.
6. Lead time for installation is approximately 8-10 weeks after full payment is received.
7. Allow 20 working days for calculation of installation charges before contacting New Business Office. For services larger than 2", allow 30 working days.
8. To discuss your request for service with a District Representative, please phone (510) 287-1008 for an appointment. Appointments will be made between the hours of 9 am to 12 noon and 1 PM to 4 PM, Monday through Friday.
9. Customers applying for a standard service are required to submit plans for review by our Water Conservation Division. Applicants for residential water use must provide self certification of compliance for developments of 2 units or less and must supply water usage plans for all developments of 3 units or more. All non-residential applicants must supply water usage plans for all developments. Water service shall not be furnished to any Applicant for new or expanded service unless all the applicable water-efficiency measures are installed at Applicant expense as described in Section 31 of the Regulations Governing Water Service to Customers. Applicants for smaller services are encouraged to take advantage of this free plan review. Information can be obtained by calling 1-866-40-EBMUD (1-866-403-2683).
10. Quote is good for 30 days.
11. All returned checks are subject to a $20.00 service charge.
12. Billing for service charges begins when meters are installed. If water is not needed immediately after meter installation, it is the applicant's responsibility to contact Customer Service at 1-866-403-2683 to close the account. Mailing address:

E B M U D
New Business
P.O. Box 24055
Oakland, CA 94623

EBMUD

C-128.1 • 08/07

METER SIZE WORK SHEET

EBMUD

EAST BAY MUNICIPAL UTILITY DISTRICT
P.O. BOX 24055 • OAKLAND, CA 94623 • 510.287.1008; 510.287-0325 (FAX)

DISTRICT USE	FILING ADDRESS

ALL APPLICANTS MUST FILL OUT THIS FORM WHEN APPLYING FOR A METER.

APPLICANT INFORMATION			BILLING INFORMATION SAME AS APPLICANT INFO? ☐ YES ☐ NO		
NAME		DATE	NAME		DATE
ADDRESS		HOME PHONE	ADDRESS		HOME PHONE
CITY	ZIP	WORK PHONE	CITY	ZIP	WORK PHONE
E-MAIL			E-MAIL		

SERVICE ADDRESS

TOTAL IRRIGATED AREA IN SQUARE FEET: ARE FIRE SPRINKLERS REQUIRED?: ☐ YES ☐ NO

TOTAL PARCEL AREA IN SQUARE FEET: IS THIS A DUAL SERVICE?: ☐ YES ☐ NO

TOTAL NUMBER OF BATHROOMS: ARE YOU A COMMERCIAL APPLICANT?: ☐ YES ☐ NO

COMMERCIAL APPLICANTS MUST LIST OTHER FIXTURE UNITS NOT SHOWN BELOW AND THE GALLONS PER MINUTE (GPM) DEMAND:

FIXTURE UNIT COUNT

TYPE	NUMBER	FOR DISTRICT USE ONLY		
		FUD	TOTAL FUD	TAP NUMBER
BATHROOMS				
TUB/SHOWERS				
SHOWERS				METER DEMAND
SINKS				
TOILETS				METER SIZE
JACUZZI TUBS				
BIDETS				$ INSTALL COST
KITCHEN				
SINKS				$ ACCOUNT FEE
VEGGIE/PREPS				
DISHWASHERS				$ SCC
LAUNDRY ROOM				
SINKS				$ WCF
CLOTHES WASHERS				
OTHER				$ OTHER COST
BAR SINKS				
HOSEBIBS				$ TOTAL COST
LAWN SPRINKLER HEADS				
OTHER				NBO REP
		TOTAL FUD		DATE

I hereby certify that my answers to the questions in this form are complete and true to the best of my knowledge. I understand that misrepresentation of the foregoing information may result in additional payment of installation charges and system capacity charges as provided in the Schedule of Rates and Charges of the East Bay Municipal Utility District.

APPLICANT SIGNATURE _____ DATE _____

C-069 • 6/09

HYDRANT / FIRE SERVICE REQUIREMENTS

EBMUD

If you have questions about completing this form, please call (510) 287-1008

TO BE COMPLETED BY APPLICANT			FOR DISTRICT USE
PRINT NAME	E-MAIL ADDRESS		Est. No. _____
MAILING ADDRESS	CITY	ZIP CODE	By _____
ATTENTION		PHONE NO.	Date _____
PROJECT ADDRESS / TRACT TITLE / LOT NO(S).		CITY	Map No. _____

Before a water service estimate will be processed, the applicant must furnish fire hydrant information and fire flow requirements as specified by the fire protection agency.

Applicant Signature _____ Date _____

TO BE COMPLETED BY FIRE PROTECTION AGENCY

FIRE HYDRANTS (PUBLIC OR PRIVATE)

☐ NOT REQUIRED – (Skip to Private Fire Services.)

☐ REQUIRED: ☐ Public Number of hydrants _____ or ☐ Private Number of hydrants _____

A total of _____ gallons per minute supplied by _____ hydrant(s) flowing simultaneously for a duration of _____ minutes. Each individual hydrant shall provide a minimum flow of _____ gallons per minute.

Unless otherwise indicated, fire flow is calculated down to at a minimum residual pressure of 20 psi in the water main under normal operating design flow conditions. Fire flow is a design factor and is not guaranteed.

Remarks _____

PRIVATE FIRE SERVICES

New Residential: Single family premises, multi-family premises with two units and Townhomes

☐ NOT REQUIRED – Skip to bottom of page and sign.

☐ REQUIRED – Number of private fire services _____ – Skip to bottom of page and sign
All Water Service Applications for new single family premises, townhomes and multi-family premises of two units that require a combination standard/fire service must include a completed Application for Dual Service signed by the local fire protection agency.

Commercial, Residential Remodels, New Residential Multi-Family premises with greater than two units.

☐ NOT REQUIRED – Skip to bottom of page and sign.

☐ REQUIRED: Number of private fire services _____

Remarks _____

Fire Protection Agency _____ Phone No. _____

Signature for Protection Agency _____ Date _____

Print Name _____ Title _____

E-Mail Address _____

E-139 • 6/13

VALID FOR ONE YEAR

EBMUD

APPLICATION FOR DUAL SERVICE

To be completed by Applicant/Plumber

SERVICE LOCATION: _____ Address _____ City

_____ Tract / Lot Number(s) _____ Zip Code

DOMESTIC FIXTURES

_____ Units — Total Number of Domestic Fixture Units

_____ GPM — Total Domestic Demand (in gallons per minute)

Applicant expressly agrees that, in the event of disconnection, removal or termination of the dual service for any reason, including but not limited to termination due to Applicant's non-payment of a delinquent account or due to Applicant's request to terminate service, Applicant shall indemnify, defend, and hold harmless the District, its directors, officers and employees from and against any and all loss, liability, expense, costs claims, demands, suits and damages, including attorneys' fees arising directly or indirectly from or related to the disconnection, removal, or termination of said dual service, save and except for a liability arising from the sole negligence or willful misconduct of District.

District does not represent or warrant that the dual service will prevent any loss by fire or otherwise; or that the service will in all cases provide the protection for which it is installed or intended. Applicant acknowledges that District is not an insurer, that Applicant assumes all risk of loss or damage to Applicant's premises or to its contents; that District has made no representation or warranties, nor has Applicant relied on any representations or warranties, expressed or implied, except as set forth herein.

COMPLETED BY:

_____ Signature ( ) - _____ Phone Number _____ Date

_____ Print Name _____ E-Mail Address

To be completed by Fire Marshal

SPRINKLER SYSTEM

_____ Sprinkler Heads X _____ Demand per head, GPM = _____ Sprinkler Demand

Maximum number of sprinkler heads required to operate simultaneously in the largest area to be sprinkled.

Flow required for each sprinkler head to operate (in gallons per minute).

SIGNATURE:

I have reviewed and approved the fire sprinkler plans for the above dual water service.

_____ Authorized Signature _____ Fire Protection Agency

_____ Print Name ( ) - _____ Phone Number _____ Date

_____ Title _____ E-Mail Address

For District Use

_____ Total Domestic Demand (A) | _____ Sprinkler Demand + _____ Domestic Allowance = _____ Total Combined Demand (B)

Note: Meter size is based on the greater of (A) and (B)
- 1-inch meter ≤ 50 GPM
- 1.5-inch meter > 50 ≤ 100 GPM

_____ Meter Size

C-280 • 08/12

EBMUD

APPLICANT CHECKLIST

Please submit this form along with water service application to the New Business Office. Answer all questions below. If you do not answer every question, your application will be returned. If you have any questions concerning Backflow Requirements, call 510-287-0874.

APPLICANT	PHONE NUMBER
PROPERTY ADDRESS	
CONTRACTOR	PHONE NUMBER
CONTRACTOR ADDRESS	

TYPE OF USAGE	☐ DOMESTIC SERVICE	☐ PRIVATE FIRE SERVICE	☐ DUAL SERVICE	☐ COMMERCIAL SERVICE	☐ IRRIGATION SERVICE
PROPERTY TYPE	☐ SINGLE RESIDENCE	☐ MULTI-FAMILY DWELLING	☐ COMMERCIAL	☐ INDUSTRIAL	☐ INSTITUTIONAL
STORIES IN BUILDING:		TOTAL IRRIGATED AREA (IN SQUARE FEET)			

A. BACKFLOW INFORMATION

YES NO

☐☐ 1. Do you have a well, either working or abandoned?

☐☐ 2. Is this waterfront property?

☐☐ 3. Will there be a single meter servicing multiple users?

☐☐ 4. Will this service also serve irrigation?

☐☐ 5. Will the HVAC be operated with water?

☐☐ 6. Will you have sewage ejectors?

☐☐ 7. Will you have submerged inlets: any water-using fixtures or outlets that might be underwater?

☐☐ 8. Will you use nonpotable liquids or chemicals on the property?

☐☐ 9. Will you have any equipment, other than residential, connected to the potable water system? Examples include but are not limited to: re-circulating pumps, booster pumps, boilers, hydronic systems, solar systems, steam generators, or cooling towers.

☐☐ 10. Will you inject chemicals into the fire line?

☐☐ 11. Will the fire service be on or available to an auxiliary water supply? Examples include a nearby lake, bay, waterfront, well, cistern, or estuary.

YES NO

☐☐ 12. Will there be more than one fire service at this property?

☐☐ 13. Will you need internal protection that requires a backflow device?

☐☐ 14. Are you going to install a proper backflow assembly? Have you verified the appropriate device and location through EBMUD's Backflow Department at 510 287-0874?

☐☐ 15. Will there be any nonpotable use, such as the use of recycled water, graywater, or rainwater catchment systems? Explain:

_____

_____

☐☐ 16. Are you an Industrial, Commercial, or Institutional customer; or a residential developer of 3 units and over applying for standard service? If you check "YES", you are required to submit water usage plans for review by our Water Conservation Division. See Section 31 Water Efficiency Requirements.

☐☐ 17. Will there be a swimming pool, pond, fountain, or a decorative water feature on site?

B. STORM WATER POLLUTION PREVENTION REQUIREMENTS INFORMATION

YES NO

☐☐ 1. Does the development/construction project involve soil disturbance of one acre or larger? See "Fact sheet on Water Pollution Prevention Requirements for Construction Projects" for definition of soil disturbance and additional requirements for submittal.

C. OTHER INFORMATION

YES NO

☐☐ 1. Are there railroad tracks in the street in front of the property to be served?

Signature _____ Date _____

K-068 • 2/12

EBMUD

Water Service Regulations - Section 31
Water Efficiency Requirements Checklist

TO BE COMPLETED BY APPLICANT

I certify the subject project meets the specified water-efficiency requirements for plumbing and landscaping.

Signature _____ *Date* _____

CUSTOMER ACCOUNT INFORMATION

Applicant Name *(print)*	Contact	Phone #	
Site Address			
Average Sq. Footage	# of Units	# of Fixtures	# of Meters

❑ Single Family ❑ Multi-Family ❑ Commercial ❑ Institutional ❑ Irrigation only ❑ Industrial ❑ Other:

Indoor Water Use	Requirements *(the more restrictive of all state, federal and EBMUD Codes apply)*	No. Devices and Value	Unit Meas.	Pass/ Fail
Attach Site Plan, Equipment List (see definitions on reverse side)				
Toilets	≤ 1.28 gal/flush; > 350 gram rated		Flow Rate	
Urinals	≤ 0.5 gal/flush		Flow Rate	
Showerheads	≤ 2.0 gpm; one per 2,500 in.²		Flow Rate	
Kitchen Faucets	≤ 2.2 gpm		Flow Rate	
Bath Faucets	≤ 0.5 gpm; ≤ 1.5 gpm		Flow Rate	
Clothes washers	≤ 4.5 Water Factor or ≤ 4.5 gallons per cu. ft. capacity		Water Factor	
Dishwashers	Standard ≤ 5.0 gallons Compact ≤ 3.5 gallons		Cycle	
Pre-rinse spray valves	≤ 1.6 gpm		Flow Rate	
Cooling towers	≥5 Cycles of concentration		Cycles	
Food Steamers	Boiler-less; self-contained			
Ice machines	Air-cooled or ≤ 25 gallons/100 lbs.		Air-cooled Wtr-cooled	
Commercial Refrigeration	Air-cooled or water-cooled w/closed system; no single pass permitted.		Air-cooled Wtr-cooled	
Vehicle Wash Facilities	≥ 50 % recycled		% recycled	
Outdoor Water Use	**Requirements** *(the more restrictive of all state, federal and EBMUD Codes apply)*	**No. Devices and Value**	**Unit Measure**	**Pass/ Fail**
Attach Landscape Plans. (see definitions on reverse side)				
Total Landscape Area			sq. ft.	
Total Irrigated Area			sq. ft.	
Total Turf Area	< 25% of irrigated		sq. ft. & %	
Non-Turf Areas	70% native or low water use		sq. ft. & %	
Automatic Self Adjusting irrigation controller	For all commercial and 3 or more residential > 5000 ft² landscaping		Manufacturer	
			Model #	
Irrigation Efficiency	80% ETo - Reference evapotransporation; no overspray, no runoff		% ETo	
Valves and Circuits	Group plants by type/Hydrozones		# of Zones	
Pool and Spas	Covers Required		#	
Sprayheads	Not allowed in < 8 ft. wide area		See Regulations	

DISTRICT USE ONLY

❑ Check List (no plan required)
❑ Check List w/ required plan check review

AUDITOR:

DATE REVIEWED:

❑ Follow-Up Required (Explain):

DATE RE-SUBMITTED:

DATE APPROVED:

Meter Sizing:

Dedicated Irrigation Meter Required ❑ Yes ❑ No

MATERIAL DISTRIBUTED

❑ Water Service Application ❑ Section 31 Regulations
❑ Plant List ❑ Residential Washer List
❑ Toilet List ❑ Commercial Washer List

RECOMMENDED MEASURES

❑ Drip Irrigation ❑ Plant Palate
❑ Self-adj. Controller ❑ Mulching
❑ Soil Admendment ❑ Other:

COMMENTS:

C-063 • 02/13

GPD – Gallons Per Day GPM – Gallons Per Minute GPF – Gallons Per Flush

EBMUD • P.O. Box 24055 MS 109, Oakland, CA 94623 • (866) 403-2683 • www.ebmud.com

SECTION 31 CHECKLIST DEFINITIONS

These definitions are intended to help applicants in completing the Section 31 Checklist and completing project plans. They do not replace the text included within the Section 31 Regulations themselves.

1. Indoor Water Use

a. **High-Efficiency Toilet** Dual-flush gravity type model rated at a maximum average flush volume of 1.28 gallons per flush (gpf). All toilets must be certified as passing a 350 gram or higher flush test as established by the Uniform North American Requirements or other District-accepted third party testing entity. Pressure-assisted or flushometer type toilets with a maximum 1.0 gpf. Does not include flush or conversion devices.

b. **Urinals** Manual, sensor-operated flush or zero water consumption urinal.

c. **Showerhead** Individually plumbed water emitting device.

d. **Lavatory faucet** Faucet with an aerator or laminar flow control device.

e. **Kitchen faucet** Faucet with an aerator or laminar flow control device (i.e. orifices).

f. **Clothes washing machine** Front loading horizontal axis or top loading model with: (1) a water factor rating of 7.5; or (2) a maximum average water use of 7.5 gallons per cubic foot of laundry or less.

g. **Dishwasher** Standard size capacity is ≥ eight place settings plus six serving pieces and a compact size capacity is ≤ eight place settings plus six serving pieces.

h. **Cooling towers** Equipped with recirculating systems, conductivity controllers, as well as make up and blowdown meters, and operate at a minimum of five (5) cycles of concentration

i. **Food steamers** Boiler less or self-contained models where applicable.

j. **Ice machines** Air-cooled or water-cooled with a recirculating cooling unit.

k. **Commercial refrigeration** Air-cooled or water-cooled with a closed looped system.

l. **Pre-Rinse Dishwashing Spray Valves** Hand dishwashing spray emitter.

2. Outdoor Water Use

a. **Landscape areas**

i. **Total landscape areas** Area, in square feet, to be planted now or potentially planted in the future. Exclude open space areas that shall never be developed, planted or irrigated (including temporary irrigation) in any way now or in the future.

ii. **Total irrigated areas** Portion of total landscape area, in square feet, to be irrigated now or in the future.

iii. **Turf areas** Irrigated area, in square feet and percentage of total irrigated area to be planted with lawn or turf including drought tolerant varieties similar to no-mow turf. Turf area includes the surface area of any pool, spa or water feature. Turf area shall not exceed 25% of total irrigated area.

iv. **Non-turf areas** Irrigated landscape area, in square feet, and percentage of total irrigated area not included in turf areas (paragraph iii above). Non-turf area shall be planted with native or climate-appropriate species that require minimal water. Up to 20% of non-turf area may have a medium or high water requirement if grouped and irrigated separately

b. **Irrigation**

i. **Irrigation Efficiency** Includes a landscape (water budget design) to apply water at 70% of evapo-transpiration.

ii. **Automatic, self-adjusting irrigation controllers** Controllers that automatically activate and deactivate the irrigation system based on changes in the weather and include a rain sensor shutoff and/or moisture sensor.

iii. **Non-turf landscaped areas** Must include a pressure regulated irrigation system, designed by a landscape architect, irrigation designer or other competent person.

iv. **Sprinklers and spray heads** All overhead spray or other sprinkler emitters not including bubblers or drip irrigation equipment.

v. **Valves and circuits** Electronic and manually operated.

vi. **Dedicated Irrigation Meter** A separate water meter for the landscape irrigation portion of the parcel is required at ≥ 5,000 sq. ft..

c. **Swimming Pools and Spas.**

i. **Covers** Any cover material to reduce the amount of evaporation off pools and spas.

d. **Vehicle wash facilities** Manual or automated commercial car washing stations.

EBMUD

PRIVATE SEWER LATERAL REQUIREMENTS FOR METER SIZE CHANGES

PROGRAM REQUIREMENTS

The East Bay Regional Private Sewer Lateral Program (Regional PSL Program) requires EBMUD wastewater customers to obtain a Compliance Certificate showing that their sewer lateral is free of leaks when applying for an increase or decrease in water meter size (as defined by Section 17 of EBMUD's Regulations Governing Water Service to Customers). **The work order for a meter size change will not be processed until this form is completed and presented along with a Compliance Certificate or an Exemption Certificate.**

The Regional PSL Program applies to EBMUD customers who have property located in the Cities Emeryville, Oakland, Piedmont and the Stege Sanitary District (which serves Cities of Kensington, El Cerrito and the Richmond Annex). *If the property is located in the Cities of Alameda, Albany and Berkeley, you should contact your city directly for the local PSL program requirements.*

APPLYING FOR AN EXEMPTION CERTIFICATE

1. No action is needed for a new water meter installation for new construction or for a property not connected to the public sewer (e.g., septic system). Check the appropriate box at the bottom of this form, and sign and return it to the New Business Office with your meter size change application.

2. Property owners can apply for an Exemption Certificate if their PSL is less than 10 years old and was fully replaced before August 2011. Proof such as a dated, signed city building permit must be submitted to EBMUD for review and approval. To apply, visit *www.eastbaypsl.com*, enter your property information and request an Exemption Certificate. Proof can be emailed to psl@ebmud, faxed to (510) 287-0621 or mailed to the Regional PSL Program Administrator, 375 Eleventh Street, MS 702, Oakland, CA 94702-4240. You will be notified by email if your application is approved. If the request is approved, print out the Exemption Certificate from *www.eastbaypsl.com*. Check the appropriate box at the bottom of this form, and sign and return it to the New Business Office with the Exemption Certificate and your meter size change application.

OBTAINING A COMPLIANCE CERTIFICATE

1. Hire a plumbing contractor to inspect your lateral for leaks or other defects and to determine if any repairs are required.

2. Obtain required permits and complete any necessary PSL work.

3. Log on to www.eastbaypsl.com to pay the required $150 Compliance Certificate fee via credit card and schedule an inspection for EBMUD to observe an air or water pressure test on the lateral. Your contractor may also complete this step on your behalf.

4. After the lateral passes the pressure test, log on to *www.eastbaypsl.com* and print out the Compliance Certificate. Check the appropriate box at the bottom of this form, and sign and return it to the New Business Office with the Compliance Certificate and your meter size change application.

SUBMITTING FORMS

Check the appropriate box below (check only one), sign and submit this form along with your PSL Exemption or Compliance Certificate to the New Business Office at 375 11th Street, 1st Floor, Oakland (M-F 8:00 a.m.-4:30 p.m.)

- ☐ I am installing a new water meter for new construction.
- ☐ I am not connected to the public sewer.
- ☐ I am submitting a PSL Exemption Certificate.
- ☐ I am submitting a PSL Compliance Certificate.

Property Owner _____ Phone No. _____

Property Address _____ Parcel No. _____

Signature _____ Date _____

EBMUD

RECYCLED WATER SERVICE APPLICATION

DISTRICT USE	
TAP NUMBER	
FILING ADDRESS	
CITY	

PLEASE SUBMIT FOUR (4) SETS OF THE SITE PLANS WITH ALL METER LOCATIONS MARKED.

APPLICANT NAME		DATE
ADDRESS		CELL PHONE NO.
CITY	ZIP CODE	WORK PHONE NO.
E-MAIL ADDRESS OF APPLICANT		

OWNER/BILLING		DATE
ADDRESS		CELL PHONE NO.
CITY	ZIP CODE	WORK PHONE NO.
E-MAIL ADDRESS OF OWNER		

NEW METER REQUEST	NO. OF METERS	SIZE/GPM*	*See Water Meter Size Worksheet	ASSESSORS PARCEL NO.
PROPERTY LOCATION	ADDRESS	CITY		ZIP CODE
SERVICE TYPE	☐ New Recycled Water Service (New Construction) ☐ Retrofit of Existing Service (Existing Site) ☐ Replace Existing Irrigation Only Domestic Service with New Recycled Service ☐ Replace Existing Mixed Use Service with New Domestic and Recycled Services		USE ☐ Irrigation ☐ Other *(Please Specify)*	
PLUMBER/ CONTRACTOR	NAME			PHONE NO.
	ADDRESS	CITY		ZIP CODE
	BUILDING PERMIT NO. OR GRADING NO.			DATE

NOTE:
PARCEL OWNER'S SIGNATURE IS REQUIRED ON PAGE TWO (2) OF THIS FORM UNDER *RECYCLED WATER SERVICE REQUIREMENTS.*

APPLICANT _____ SIGNATURE _____ DATE

DISTRICT USE ONLY

SCC REGION	PZ
MAP NO(S).	

RECYCLED WATER SERVICE

- ☐ Is available with installation of service connections.
- ☐ May be available after EBMUD reviews service conditions and facilities are installed as required.
- ☐ Is not currently available because parcel is outside of EBMUD's recycled water service area. Service may be available with annexation.
- ☐ Is not currently available for this parcel location.

CHARGES/CREDITS

Installation ..... _____
Unusual Conditions ..... _____
System Capacity Charge: ..... _____
Region _____ Mtr. Size _____
Credit: Tap # _____ ..... < _____ >
Account Fee ..... _____
Wastewater Capacity Fee ..... _____
Front Foot Charge ..... _____
_____ Feet @ $_____ /Ft.
Agreement # _____
Annexation ..... _____
_____ Acres @ $_____ /Acre
Service Elimination Fee ..... _____

TOTAL QUOTE (Good for 90 days) ➡ $

ORDERS PREPARED BY	DATE

PREPARED BY	DATE

EBMUD

RECYCLED WATER SERVICE REQUIREMENTS
ACKNOWLEDGEMENT BY CUSTOMER

The customer understands and acknowledges that specific requirements must be met before the customer's site can be supplied with recycled water, including the following:

1. Trenching for the irrigation system is not to be covered with soil until after EBMUD inspects to ensure that the irrigation system has not been connected to the domestic water system.
2. After recycled water system construction is complete, EBMUD will conduct a cross-connection test to ensure complete separation of the domestic and recycled water systems.
3. The customer must designate a Recycled Water Site Supervisor (RWSS) and a key contact (customer's agent or representative) and must provide these names and contact information to EBMUD's Office of Water Recycling (OWR).
4. Customer (or customer's agent) and customer's RWSS must be trained in the safe and effective use of recycled water. (Training will be provided by EBMUD's OWR at no charge.)
5. EBMUD's OWR must issue a customer use permit for the recycled water site.

SPECIAL NOTE: Recycled water has a higher salt content than domestic water. The customer understands that it is advisable to select plants and landscape materials that are moderately-to-highly salt tolerant.

My signature indicates I have read and understand these requirements.

OWNER _____ CUSTOMER'S SIGNATURE _____ DATE

RECYCLED WATER APPLICATION INSTRUCTIONS

QUESTIONS? CALL 510-287-1008

1. Recycled water service is restricted to non-consumable uses. EBMUD will determine if the proposed use of recycled water is appropriate and feasible. If you are applying for domestic (potable) water service, please complete EBMUD's standard Water Service Application.
2. Customers may apply for new recycled water service at EBMUD's New Business Office. Applications must include four (4) sets of site plumbing plans to be reviewed by the Office of Water Recycling, Water Conservation Division and Backflow Section.
3. The site plumbing plans should show the entire site, street frontage, and the location(s) of any domestic water meter(s) on the site and the proposed location(s) of the recycled water meter(s).
4. No meters are to be installed in driveways. Meters are to be installed behind curbline or sidewalk, depending on local code, and accessible to EBMUD at all times.
5. An application for recycled water will be considered complete after the required application form and site plans are received by EBMUD's New Business Office.
6. Lead time for installation is approximately 8 - 10 weeks after full payment is received.
7. Quote is good for 90 days.
8. New recycled water service applicants may receive a reduced System Capacity Charge, as determined by EBMUD. Allow 20 working days for the calculation of recycled water service charges before contacting the New Business Office. For services larger than 2-inches, allow 30 working days.
9. Before recycled water service is initiated, EBMUD staff will perform a cross connection test to certify that the site's domestic water plumbing is completely separate from the site's recycled water plumbing. A backflow prevention device must be installed on the site's domestic water service. A backflow prevention device may also be required on the recycled water service, depending upon the site condition.
10. EBMUD may provide a temporary domestic water supply if recycled water is not immediately available.
11. To discuss the requirements for recycled water service, please call EBMUD's Office of Water Recycling **(510) 287-1658**. (See Recycled Water Service Requirements above.)
12. Submit application and four (4) sets of site plans to:
    EBMUD New Business Office
    P.O. Box 24055
    Oakland, CA 94623

Applying for a Private Fire Service

Applicants for commercial and multi-family structures of five or more units must submit a Fire Service Request for Available Flow and Pressure Information form for the property to be served. Disclaimer: Applicants will find this information helpful to understand the process of applying a private fire service. The charges and fees are presented only as guidelines for cost estimates. All requests for preliminary cost estimates must include an address and accurate service location. Final quotations will not be issued until a properly completed application is submitted, reviewed and approved by EBMUD. Availability of an existing main, unusual installation conditions and contaminated soil conditions may increase your final cost.

Popular Pages in New Service Installations

Applying for Water Service with an Existing Main

Applying for Water Service Along with a New Main Extension

Applying for Dual Service for Single-Family and Duplex

New Water Service Regulations

Regulations Governing Water Service

Applying for a Public Fire Hydrant

News

How to Apply for a Private Fire Service

STEP 1: Applicant Submits online Fire Service Request for Available Flow and Pressure Information form.

A $369 water service estimate fee must be paid upon submittal. For more details, see Water Pressure and Hydrant Flow Information.

STEP 2: EBMUD Determines Available Flow and Pressure (hydraulics)

EBMUD will complete a hydraulic analysis of the water distribution system at the service location and provide flow and pressure information to use in the design of the fire service.

STEP 3: Applicant Completes Water Service Application Packet, a fillable PDF file that can be viewed and printed with Adobe Acrobat Reader, a free software.

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- Water Service Application - Please provide:
  - Applicant and owner/billing name, mailing address, phone number and email
  - Address and parcel number of property to be served
  - Building or grading permit number
  - Fire service contractor's name, address and phone number
  - Size and number of services
  - Site plans showing fire service size and location, completed and signed by local fire marshal
  - Hydrant/Fire Service Requirements form, completed and signed by local fire marshal
  - Applicant Checklist
  - Existing site environmental data (if available)
  - EBMUD available flow and pressure data results
  - Completed Statement of Design Criteria signed by fire sprinkler designer

Returns forms and plans to:

EBMUD New Business Office
375 11th Street, First Floor
Oakland, CA 94607-4240

STEP 4: EBMUD Provides Quote (2 to 4 weeks)

EBMUD calculates the cost of the services(s) and forwards to applicant with the Private Fire Service Agreement.

STEP 5: Applicant Makes Payment

Applicant returns signed agreements and pays full installation fee by mail or in person. Applicant may call (510) 287-1008 to schedule an appointment to pay in person.

STEP 6: EBMUD Prepares Work Orders (1 to 3 weeks)

EBMUD prepares work orders and processes payment.

EBMUD applies for either a city, county or state encroachment permit for street work at the site.

STEP 7: EBMUD Installs Meter (4 to 6 weeks)

After completion of work orders and receipt of the encroachment permit, EBMUD schedules the service installation.

STEP 8: Fire Service Turned On

Applicant and/or their contractor contacts the local fire marshal and EBMUD's Backflow Prevention Unit to set up an appointment to turn on fire service.

Costs

The cost to install the fire service depends on service size and conditions at the site. The total cost will include:

- Installation fee
- Contaminated soils remediation and disposal (if required)
- Account Fee

More information about new water service costs.

Installation Fee

The basic installation fee includes the cost of installing the fire service, meter box, fittings, and connection to existing water main under normal conditions and is subject to change. For services four inches or larger, the fee also includes installation of a detector check meter.

Service Size (Inches)	Flow (in gallons per minute)	Paved	Unpaved
1-1/2	100	$6,379	$3,148
2	160	$7,301	$3,468
4	600	$19,554	$17,554
6	1350	$20,830	$18,830
8	2340	$28,893	$26,893

Sample Calculation

The cost to install one four-inch fire service to serve an apartment building might be calculated as follows:

	Unpaved	Paved
Basic Installation Fee	$17,554	$19,554
Account Establishment Fee	$40	$40
Total	$17,594	$19,594

Hydrant/Fire Service Requirements

- The local fire marshal may require the installation of a public fire hydrant with the new private fire service. A Hydrant/Fire Service Requirements form must be completed by the local fire marshal and submitted with your application package. If a fire hydrant is required, you should have the fire marshal mark the location of the hydrant on the signed site plan.
- Fire services are installed either inside the curb or behind the sidewalk. They are NOT installed at or inside the property line.
- If you install the fire line before the fire service is installed, we recommend staying 10 feet back from the proposed point of connection to facilitate the tie-in.
- A service for both domestic use and fire protection (dual service) may be granted for single-family residences or duplexes. Other multi-family residences and commercial buildings require a separate dedicated fire service.

New Water Service Regulations

View information regarding regulations associated with new water service:

- Backflow Prevention Program
- Contaminated Soils

Backflow Prevention

A backflow prevention device is required for a fire service if:

- The property is a waterfront property within 1,700 feet of a lake, stream, bay or ocean.
- There is an auxiliary supply of water for fighting fires on the property (e.g., a fire line attached to a swimming pool, a vat or a tank).
- The system is a looped fire system.
- There are chemicals injected into the fire line.

In the case of a looped system, the backflow prevention device can be a double check valve assembly. In all other cases, an RP backflow device must be used. Please note that if the proposed new service does not require a backflow prevention device, an Underwriters Laboratories (UL) approved single check, wafer check, or pumper check valve is required in line immediately adjacent to the EBMUD's detector check valve (on the side between the valve and the building structure). This is to prevent damage to the detector check valve during pressure testing. For assistance with specific technical issues or for help in determining if a backflow prevention device is required, please contact our Backflow Prevention Unit at (510) 287-0874.

Backflow Prevention Program Fact Sheet	24.11 KB

Scheduling Appointments

Contact EBMUD to schedule an appointment if you have questions about your project. Let us help you avoid unnecessary delays.

Contact Us

EBMUD New Business Office
375 11th Street, First Floor
Oakland, CA 94607-4240
(510) 287-1008
(510) 287-0325 FAX
nbo@ebmud.com

Business hours: Monday - Thursday 7:30 a.m. - 4:30 p.m.; Friday, 8 a.m. - 4:30 p.m.
For water pressure information: (510) 287-1842
For questions about backflow prevention: (510) 287-0874

Resources

Rates and Fees

Water Pressure and Hydrant Flow Information

EBMUD is committed to providing reliable, available pressure and water flow for all customers. Water pressure typically ranges from 30 to 130 pounds per square inch depending upon the elevation of a customer's service connection in a particular pressure zone. Most of EBMUD's more than 130 pressure zones include one or more treated water storage tanks. Water flow is primarily determined by the size of a customer's service connection and the water pressure at that connection.

Flow and Pressure Information for Fire Service for Commercial Buildings and Multi-Family Structures of Five or More Units

You must request water pressure and flow information for the installation of a new fire sprinkler system through our New Business Office. This includes:

- design/redesign of a fire sprinkler system or upsizing of an existing fire service, and
- fire service for a commercial building, or
- fire service for a multi-family structure of five or more units.

View the online Fire Service Flow and Pressure Request form to request pressure and flow information for a fire service.

There is a fee of $369 for the flow and pressure request. Each request can contain up to three proposed locations for the same project. Additional locations or a different job site require payment of an additional fee. The fee can be paid online or in person. If you prefer to pay in person, please print, complete and deliver the Fire Service Flow and Pressure Request form with your payment to the EBMUD New Business Office at 375 11th Street, First Floor, Oakland. The EBMUD Planning Office will conduct a hydraulic model analysis to determine available flow and pressure. This information will be emailed to you with a Statement of Design Criteria. The Statement of Design Criteria must be completed by your fire sprinkler contractor and submitted with your fire service application.

If you need flow and pressure data for a fire service for something other than a commercial building or a multi-family structure of five or more units, you may request existing hydrant flow data at no charge (see Fire Service Flow and Pressure Request form below).

NOTE: This is not a fire service application. You must also complete the Water Service Application Packet *to apply for the fire service after you obtain the flow and pressure data.*

The PDF files on this website can be viewed and printed through Adobe Acrobat Reader, a free software.

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Fire Service Flow and Pressure Request Form	32.37 KB

View more information about applying for a private fire service, or contact EBMUD's New Business Office at (510) 287-1008 Monday through Thursday, 7:30 a.m. to 4:30 p.m., and Friday, 8:00 a.m. to 4:30 p.m.

Flow and Pressure Information for Single Family Dwellings, Irrigation Services and Insurance Assessments

You may request water pressure information for fire sprinklers for single family dwellings, irrigation services and insurance assessments using the Water Pressure Information Request online form or by calling 1-866-403-2683. *These requests are considered non-emergencies and will be responded to in 20 business days.*

FIRE SERVICE REQUEST FOR AVAILABLE FLOW AND PRESSURE INFORMATION

Before applying for a private fire service with EBMUD, applicants with commercial and/or multi-family structures of five or more units must submit this form for the property to be served. Complete the form and mail to EBMUD New Business Office, PO Box 24055, Oakland, CA 94623, or apply in person at 375 – 11th Street, Oakland, CA 94607. You must pay a processing fee when you submit the form. EBMUD will provide you with flow and pressure results within 10 business days after we receive your payment.

Contact Information

First Name	Last Name	Company Name
Address #	Street	Apartment #
City	State, Zip	E-mail
Main Phone	Cell Phone	Fax

Property Information

Address #	Street	City, ZIP
Assessor's Parcel #	Approximate Elevation (in feet)	Design Flow if available (in GPM)
Property Type (circle one) *Residential Greater Than a Fourplex* *Commercial* *Industrial* *Institutional*		Fire Service Connection Size if available (circle one) **1.5"** **2"** **4"** **6"** **8"** **10"**

Please provide a detailed description of your request for fire service below. Please include all possible fire service connection locations measured from centerline of nearest cross street. Be as specific as possible.

Example	90	Feet	East	CL of	Broadway Ave	On	South	Side Of	Main Street
Location 1 (Required)		Feet		CL of		On		Side Of	
Location 2		Feet		CL of		On		Side Of	
Location 3		Feet		CL of		On		Side Of	

Comments:

Signature Date

NBOFSR-07/01/09

SCHEDULE A
WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE

		Current
I.	**Unit Treatment Rates**	
	Flow ($ per 100 cubic ft.)	$0.787
	CODf ($ per pound of discharge)	0.294
	Suspended Solids ($ per pound)	0.431

Unit rates for Flow, Chemical Oxygen Demand filtered (CODf), Total Suspended Solids (TSS) and a Service Charge are applied to all users unless otherwise indicated.

II.	**Residential Monthly Charges**	
	(6514 Multi-Family under 5 units & 8800 Single-Family)	
A.	Service Charge (per account)	$7.13
B.	Strength Charge (per dwelling unit)	7.20
	Minimum monthly charge per household	14.33
C.	Plus: A flow charge of 78.7 cents per 100 cubic ft. applied to a maximum of 10 units (per dwelling unit).	
	Minimum monthly charge at 0 units	$0.00
	Maximum monthly charge at 10 units	7.87
D.	Total Residential Charge (A+B+C above)	
	Minimum monthly charge (for 8800)	$14.33
	Maximum monthly charge (for 8800)	22.20
	Average monthly charge (for 8800)	19.05
III.	**Non-Residential Charges**	
A.	Monthly service charge (per meter)	$7.13
B.	Treatment charge including flow processing (per 100 cubic feet of sewage discharge).	
2010	Meat Products	$6.32
2011	Slaughterhouses	6.39
2020	Dairy Product Processing	4.95
2030	Fruit and Vegetable Canning	3.98

SCHEDULE A
WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE

		Current
2040	Grain Mills	$4.11
2050	Bakeries (including Pastries)	7.13
2060	Sugar Processing	3.80
2077	Rendering Tallow	12.95
2080	Beverage Manufacturing & Bottling	2.90
2090	Specialty Foods Manufacturing	13.09
2600	Pulp and Paper Products	3.50
2810	Inorganic Chemicals Mfgr.	4.74
2820	Synthetic Material Manufacturing	0.92
2830	Drug Manufacturing	2.11
2840	Cleaning and Sanitation Products	4.48
2850	Paint Manufacturing	8.96
2893	Ink and Pigment Manufacturing	3.02
3110	Leather Tanning and Finishing	12.33
3200	Earthenware Manufacturing	2.49
3300	Primary Metals Manufacturing	1.92
3400	Metal Products Fabricating	1.01
3410	Drum and Barrel Manufacturing	12.44
3470	Metal Coating	1.12
4500	Air Transportation	1.51
5812	Food Service Establishments	4.34
6513	Apartment Buildings (5 or more units)	1.86
7000	Hotels, Motels with Food Service	3.09
7210	Commercial Laundries	2.67
7215	Coin Operated Laundromats	1.96
7218	Industrial Laundries	7.73
7300	Laboratories	1.35
7542	Automobile Washing and Polishing	1.86
8060	Hospitals	1.81
8200	Schools	1.26
	All Other BCC (includes dischargers of only segregated domestic wastes from sanitary conveniences)	1.86

SCHEDULE A
WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE

Multi use Food Service Establishments and Domestic Waste Accounts

Accounts identified by EBMUD where there is one or more food service establishments or bakeries sharing the water meter with establishments or operations with only domestic waste discharges. These accounts are assigned an MT code based on the percentage split of the discharge from the food service establishment operations or bakeries and domestic waste. The unit treatment charge for each MT Code is calculated from the food service establishment or bakeries treatment rate and the domestic waste treatment rate.

MT Code		Current
A	0-9% Food, 91-100% Domestic	$1.860
B	10-19% Food, 81-90% Domestic	2.108
C	20-29% Food, 71-80% Domestic	2.356
D	30-39% Food, 61-70% Domestic	2.604
E	40-49% Food, 51-60% Domestic	2.852
F	50-59% Food, 41-50% Domestic	3.100
G	60-69% Food, 31-40% Domestic	3.348
H	70-79% Food, 21-30% Domestic	3.596
I	80-89% Food, 11-20% Domestic	3.844
J	90-99% Food, 1-10% Domestic	4.092
K	0-9% Bakery, 91-100% Domestic	1.860
L	10-19% Bakery, 81-90% Domestic	2.387
M	20-29% Bakery, 71-80% Domestic	2.914
N	30-39% Bakery, 61-70% Domestic	3.441
O	40-49% Bakery, 51-60% Domestic	3.968
P	50-59% Bakery, 41-50% Domestic	4.495
Q	60-69% Bakery, 31-40% Domestic	5.022
R	70-79% Bakery, 21-30% Domestic	5.549
S	80-89% Bakery, 11-20% Domestic	6.076
T	90-99% Bakery, 1-10% Domestic	6.603

Minimum Monthly Treatment Charge:

6513	Apartment Buildings (5 or more units)	$36.00
	All Others	7.20

SCHEDULE B

ACCOUNT ESTABLISHMENT CHARGE

The charge for establishing a new account or the transfer of an account for a customer moving from one address to another is $40.00 with the following exceptions:

- Customers in the Customer Assistance Program shall be charged $14.00.
- Landlords requiring temporary water service for a period not to exceed 60 days shall be charged $14.00, with the balance of the account establishment charge billed for water service that exceeds 60 days.
- There will be no transfer fee to change the name of an account when the responsible party is a landlord who has signed an intervening water service agreement.
- There will be no transfer fee to change the name of an account when the same person or entity is to remain responsible.
- Upon completion of the on-line account establishment system, the charge for establishing a new account or the transfer of an account moving from one address to another on EBMUD's website over the Internet for a single family residence customer is $20.00.

SCHEDULE D

WATER SERVICE INSTALLATION CHARGES

A. INSTALLING A SERVICE

The charge for installing a water service, other than a private fire service, will be in accordance with the following schedule:

1. FOUR INCHES AND SMALLER*

a. Regular Services (1 meter per lateral)

SIZE	INSTALLED IN PAVED CONDITIONS	INSTALLED IN UNPAVED CONDITIONS
5/8", 3/4" &1"	$6,193	$1,169
1-1/2"	6,379	3,148
2"	7,301	3,468
3"**	23,892	21,504
4"**	25,885	23,297

Cost to install services 6" and larger will be calculated on a case-by-case basis.

b. Lateral Sizing for Fire Flow Capacity

Where local and State regulations require that taps and laterals for new regular service be sized to provide for fire flow capacity, the following charges shall apply:

Basic charge to provide a 1-1/2" lateral and a 1" meter, to be paid at time tap and lateral are installed:

a.	Installations in unpaved conditions	$3,048
b.	Installations in paved conditions	6,255

* If the District determines that an ERT (Encoder, Receiver, Transmitter) meter is required, there shall be an additional charge of $200.
**Requires steel pipes

SCHEDULE G

WASTEWATER DEPARTMENT
CAPACITY FEES

TABLE 1

Residential ($/dwelling unit)[1,5]		$1,607[2]
Non-Residential ($/ccf/mo)[3,5]		
2010	Meat Products	$704
2011	Slaughterhouses	737
2020	Dairy Product Processing	563
2030	Fruit and Vegetable Canning	462
2040	Grain Mills	485
2050	Bakeries (including Pastries)	809
2060	Sugar Processing	434
2077	Rendering Tallow	1,471
2080	Beverage Manufacturing & Bottling	343
2090	Specialty Foods Manufacturing	1,426
2600	Pulp and Paper Products	419
2810	Inorganic Chemicals Manufacturing	567
2820	Synthetic Material Manufacturing	137
2830	Drug Manufacturing	261
2840	Cleaning and Sanitation Products	515
2850	Paint Manufacturing	1,002
2893	Ink and Pigment Manufacturing	355
3110	Leather Tanning and Finishing	1,359
3200	Earthenware Manufacturing	312
3300	Primary Metals Manufacturing	249
3400	Metal Products Fabricating	146
3410	Drum and Barrel Manufacturing	1,362
3470	Metal Coating	158
4500	Air Transportation	200
5812	Food Service Establishments	514
7000	Hotels, Motels with Food Service	378
7210	Commercial Laundries	324
7215	Coin Operated Laundromats	248
7218	Industrial Laundries	858

SCHEDULE G

WASTEWATER DEPARTMENT
CAPACITY FEES
(Continued)

7300	Laboratories	$182
7542	Automobile Washing and Polishing	238
8060	Hospitals	234
8200	Schools	173
	All Other BCC (includes dischargers of only segregated domestic wastes from sanitary conveniences)	240

Permit Accounts[6]

Flow ($/ccf/mo)	$121.97
CODF ($/lb/mo)	30.34
TSS ($/lb/mo)	48.77

[1] Includes BCC 6514 and 8800.

[2] Residential fee is calculated as follows:

Flow:	6.7	x	$121.97	=	$817
CODF:	7.9	x	30.34	=	240
TSS:	11.29	x	48.77	=	550
					$1,607

[3] Capacity Fee is based on the anticipated maximum monthly flow contributions multiplied by the average wastewater strength measured or assigned for each classification of customer. The District may review the actual flow and strength within 24 months, once the business is fully established to verify the estimated demand for wastewater capacity. The review may result in the assessment of additional capacity fees if the actual flow and strength exceeds the original estimate.

[4] For non-residential customers with projected treatment revenues equal to or greater than 0.1% of the total District treatment revenue, the calculated capacity fee will be reduced by a Rate Stabilization Factor of 25%. Projected treatment revenue will be based on permit conditions at the time of application or on average wastewater strength measured for each classification of customer if a permit is not required for discharge. Total District treatment revenue will be based on the budgeted fiscal year amount at the time of application.

SCHEDULE G

WASTEWATER DEPARTMENT
CAPACITY FEES
(Continued)

[5]A credit may be provided for existing services. Where a new service will replace one or more existing or prior services to a premise where a capacity fee was paid, a credit will be given toward the new capacity fee demand and based on the previous capacity unit paid or if the existing service had not paid a capacity fee but in service since July 1, 1987 then the credit is based on historic use contributions.

[6] Total fee is a summation of the unit rates for flow, CODF, and TSS times permit conditions at the time of application.

SCHEDULE J

SYSTEM CAPACITY CHARGE
(SCC)
(Continued)

I. REQUIRED SEPARATE IRRIGATION METER FOR SINGLE FAMILY SERVICE CONNECTIONS

If an irrigation meter is required for a single-family connection because the landscape exceeds the threshold for a dedicated irrigation meter in Section 31 of the Regulations, two meters will be installed – one for the indoor and private fire service (if applicable) needs of the building and a separate meter dedicated for irrigation. One single-family SCC shall be applicable based on the hydraulic capacity needed to serve the irrigation and indoor needs. The hydraulic capacity of the installed meter or meters will be equal to or exceed the hydraulic capacity of the meter size that was charged in the SCC fee. The installation charges shown in Schedule D and all other rates and charges pertaining to the service(s) based on the actual size of the meter(s) that are installed shall apply.

J. NONPOTABLE WATER SERVICE

1. Nonpotable Water Service Connections (dollars per connection)

METER SIZE (INCHES)	REGION 1	REGION 2	REGION 3
5/8	$7,620	$10,190	$11,900
3/4	11,420	15,280	17,850
1	19,080	25,520	29,810
1-1/2	38,160	51,030	59,620
2	61,050	81,650	95,390

All SCC for nonpotable water service connections with meters larger than 2 inches shall be determined by applying the Future Water Supply Component unit charge to the defined projected water demand approved by the District. The SCC will not be less than the 2-inch meter charge from Section J.1, above.

K. DUAL STANDARD SERVICES

An SCC shall be applicable for separate meters installed to provide dual (potable and nonpotable) standard service, based on the meter size(s) for each service.

SCHEDULE J

SYSTEM CAPACITY CHARGE
(SCC)

A. SCC FOR STANDARD SERVICE*

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	REGION 1	REGION 2	REGION 3
5/8	$23,000	$41,360	$38,370
3/4	34,500	62,040	57,560
1	57,620	103,610	96,130
1-1/2	115,240	207,220	192,260
2	184,380	331,550	307,620

For service connections with larger meters see Sec. 3.

2. Single Family Service Connections** (dollars per connection)

METER SIZE (INCHES)	REGION*** 1	REGION*** 2	REGION*** 3
3/4	$16,100	$27,830	$35,610
1	26,890	46,480	59,470
1-1/2	53,780	92,960	118,940

For service connections with larger meters see Sec. 3 below.

* This charge covers the cost of System-wide Facilities Buy-in, Regional Facilities Buy-in and Future Water Supply.

**The SCC charged to the applicant will be based on the water meter size required to meet the indoor needs (excluding private fire service needs) and outdoor watering needs of the premise as determined soley by the District based on the plumbing code, the District's review, and water industry standards. The meter(s) that is installed may be larger than the meter size charged in the SCC fee if the service is combined with a private fire service or if a separate irrigation meter is required (See Sections D. Combined Standard and Fire Service and I. Required Separate Irrigation Meter for Single Family Service Connections).

***REGION	GENERAL DESCRIPTION
1	Central Area (gravity zones West-of-Hills) El Sobrante and North (pumped zones)
2	South of El Sobrante to vicinity of Highway 24 (pumped zone) South from vicinity of Highway 24 (pumped zones) Castro Valley Area (pumped zones) North Oakland Hill Area (pumped zones, formerly 4A)
3	Orinda-Moraga-Lafayette Area (pumped zones) San Ramon Valley and Walnut Creek (pumped and gravity zones)

SCHEDULE J

SYSTEM CAPACITY CHARGE
(SCC)
(Continued)

3. SCC for Larger Meters

The SCC for non-residential service connections with meters larger than 2 inches and single-family residential service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same unit charge and criteria as apply to the SCC for smaller meters. The SCC will be calculated based on the unit charges for each of the four components listed below:

Component	Unit Charge ($/100 gpd)
Post-2000 (Add'l Regions 3C & 3D only)	SCC Region Specific
Regional Facilities Buy-in	SCC Region Specific
System-wide Facilities Buy-in	$1,926
Future Water Supply*	1,904

The unit charges for the components that are specific to a SCC Region are:

Region	Unit Charge ($/100gpd) Post-2000 Component	Regional Facilities Buy-In Component
1	n/a	$1,921
2	n/a	3,900
3	n/a	2,309
3C	$6,200	1,733
3D	6,200	1,733

In no instance will the SCC for a non-residential meter larger than 2 inches or a single family residential meter larger than 1-1/2 inches be less than the respective equivalent 2 inch or 1-1/2 inch price from the appropriate Section 1 or 2, above.

The SCC will be determined by multiplying the sum of the unit charge of the four components by the water use information furnished by the applicant, rounded to three significant places.

If the District has determined, based on water use information furnished, that a meter larger than 2 inches is appropriate, the SCC calculated pursuant to this subdivision shall apply irrespective of the arrangement of water metering or meter size at the premises.

*The Future Water Supply component for Region 3C is based on 1993 agreement (see Section B1).

SCHEDULE M

RATE SCHEDULE FOR WATER SERVICE ESTIMATE, WITH MAIN EXTENSION
FIRE SERVICE REQUEST, HYDRANT ESTIMATE, FIRE SERVICE ESTIMATE,
STANDARD SERVICE GREATER THAN 2-INCH,
CONDITIONAL SERVICE WITHOUT MAIN EXTENSION AND
PIPELINE RELOCATION/REPLACEMENT/ABANDONMENT APPLICATION FEE

This schedule applies to Water Service Estimates With Main Extensions, Fire Service Requests that require hydraulic modeling, Hydrant Estimates, Fire Service Estimates, Standard Services greater than 2 inches, Conditional Services Without Main Extensions and Pipeline Relocations/Replacements/Abandonments.

A. SCHEDULE OF CHARGES

1. WATER SERVICE ESTIMATES REQUIRING MAIN EXTENSIONS FOR RESIDENTIAL DEVELOPMENT: BASED ON NUMBER OF DWELLING UNITS

Basic charge for up to 10 units	$2,484.00
Each additional increment of 10 units or portion thereof up to 200 units	663.00
Over 200 units (including Basic charge)	14,612.00

2. WATER SERVICE ESTIMATES REQUIRING MAIN EXTENSIONS FOR COMMERCIAL, INDUSTRIAL, OR INSTITUTIONAL: BASED ON SQUARE FOOTAGE

Basic charge for up to 10,000 square feet	$3,946.00
Each additional increment of 10,000 square feet or portion thereof Up to 100,000 square feet	664.00
Over 100,000 square feet (including Basic charge)	$9,863.00

3. CONDITIONAL SERVICES WITH NO MAIN EXTENSION

Fixed price	$1,463.00

SCHEDULE M

RATE SCHEDULE FOR WATER SERVICE ESTIMATE APPLICATION FEE
(continued)

A. SCHEDULE OF CHARGES (Continued)

4. FIRE SERVICE REQUEST (with hydraulic modeling), FIRE SERVICE ESTIMATE, HYDRANT ESTIMATE, STANDARD SERVICE GREATER THAN 2-INCH, DUAL SERVICE (COMBINATION STANDARD AND FIRE SERVICE) ESTIMATE

Fixed price	$369.00

5. PIPELINE RELOCATIONS/REPLACEMENTS/ABANDONMENTS

Fixed price	$1,463.00

B. CONDITIONS OF APPLICATION FEE

1. The fee is non-refundable.
2. The fee will not be used as a credit towards installation charges or for future estimates.
3. If preparation of a new Water Service Estimate is required due to changes in project scope requested by the applicant after the receipt of the Estimate Agreement or due to cancellation, then a new water service application with an additional fee will be required. The previous fee will be forfeited.
4. If more than one estimate or type of estimate is required for a single application, only the higher fee will be assessed.

APPLICATION GUIDELINES

GENERAL INFORMATION AND APPLICATION MATERIALS REGARDING LEASING OF STATE LANDS

The State Lands Commission ("Commission") has jurisdiction and management control over those public trust lands of the State received by the State upon its admission to the United States in 1850 ("sovereign lands"). Generally these sovereign lands include all ungranted tidelands and submerged lands, beds of navigable rivers, streams, lakes, bays, estuaries, inlets, and straits. The Commission manages these sovereign lands for the benefit of all the people of the State, subject to the Public Trust for water related commerce, navigation, fisheries, recreation, open space and other recognized Public Trust uses. In addition the State manages lands received after Statehood including Swamp and Overflowed lands and School lands. The Commission's Land Management Division in Sacramento administers the leasing of these lands, sand and gravel extraction from these lands, and dredging or disposal of dredged material on these lands. The Commission also manages the development of all mineral resources contained on such lands.

Land Ownership Determination

Upon receipt of an application or an inquiry about use of State lands, the Commission's Title Unit reviews its files and information submitted by the applicant to determine the extent of the State's property interest in the proposed project site. In some cases, the complex nature of the title to the lands may result in the applicant having to submit a title report (preliminary report of title or title policy) as part of the application process.

Leasing Practices

The lands managed by the Commission vary widely in character and utility. The Commission maintains multiple-use management practices to assure that the greatest possible public benefit is derived from these lands. The Commission will consider numerous factors in determining whether or not a proposed use of the State's land is appropriate, including, but not limited to, the potential impacts on and the consistency with the Public Trust under which the Commission holds the State's sovereign lands, protection of natural resources and other environmental values, and preservation or enhancement of the public's access to State lands. Other factors that the Commission will also consider are the size, location, intended use, and described need for the project/structure/facility, its relationship to the surrounding environment and if the size of the project/structure/facility is appropriate for the location and type of use or operation proposed.

Applicants are advised that the Commission's standard lease provisions prohibit any structure that could be used as a residence or a floating residence. These types of structures may include, but are not limited to, a boat, barge, houseboat, trailer, cabin, enclosed patio, sunroom, office, sundeck, apartment, or any combination of such structures.

Applicants are advised that the Commission is under no obligation to approve any application submitted to it. The Commission may approve, condition, or deny any application, based upon the above referenced factors or other issues raised during the application review process.

California Environmental Quality Act (CEQA)

The issuance of any lease, permit or other entitlement for use of State lands by the Commission requires review for compliance with the California Environmental Quality Act (CEQA). The terms of CEQA may be found in the California Public Resources Code (PRC), Sections 21000 et seq., and in the State CEQA Guidelines, California Code of Regulations (CCR), Title 14, Sections 15000 et seq. No proposed project will be approved until the requirements of CEQA have been met.

Additionally, if the application involves lands found to contain "Significant Environmental Values" within the meaning of PRC Section 6370, consistency of the proposed use with the identified values must also be determined through the CEQA review process. Pursuant to its regulations, the Commission may not issue a lease for use of "Significant Lands" if such use is detrimental to the identified values.

Most leases, permits or other entitlements for use of State lands require approvals from other public agencies. On many proposed projects the Commission is the Lead Agency under CEQA (the public agency with the principal responsibility for carrying out or approving a project).

Where the Commission is the Lead Agency under CEQA, its initial step in reviewing an application is to determine whether the proposed project is exempt from CEQA. Exemptions from CEQA are either statutory or categorical. A listing of some exemptions may be found in the Commission's administrative regulations (CCR, Title 2, Section 2905) and others may be found in Title 14 of the California Code of Regulations. Categorical exemptions will not apply if there is a reasonable possibility that a proposed project will have a significant effect on the environment due to unusual circumstances, or if another exception applies.

If a proposed project is not exempt from CEQA, the staff of the Commission conducts an Initial Study to determine whether the proposed project may have a significant effect on the environment. The Initial Study is circulated to Responsible, Trustee, and interested public agencies and others who have expressed an interest in such documents of the Commission for review and comment. The circulation period is normally 30 days. Based upon the responses received and Commission staff analysis, a determination is made as to whether a Negative Declaration or an Environmental Impact Report is required.

A Negative Declaration ("ND") is the less complex of the two documents. Generally, the ND consists of the Initial Study accompanied by a recommendation by the Commission staff that the proposed project would not have a significant effect on the environment. If the ND contains mitigation measures that help ensure that the proposed project is not environmentally harmful, then it is considered to be a Mitigated ND (MND). The ND or MND is circulated for 30 days to appropriate agencies and interested persons. This review is provided through the State Clearinghouse. If no significant environmental effects are identified, the Commission considers the ND or MND together with any comments received, and either does or does not adopt the ND or MND, and then either approves or disapproves the proposed project.

An Environmental Impact Report ("EIR") is required in instances where responses to the Initial Study reflect concern that the proposed project may or will have a significant effect on the environment. In some cases it is clear without preparation of an Initial Study that a project

could have a significant effect on the environment. In such cases, the EIR process may begin without preparation of an Initial Study. Usually a third party consultant will be hired by the Commission to prepare the EIR.

In most instances, the preparation of an EIR takes from six to nine months. The Commission staff will prepare a Notice of Preparation that is circulated for 30 days, and will hold a scoping meeting during that time, to obtain specific detail about the scope and content of environmental information to include in the EIR. Later, a Draft EIR is circulated for 45 days to agencies and individuals concerned about the project. The State Clearinghouse provides for circulation to State agencies. During the 45-day review period, a public hearing may be held. Comments and recommendations received and significant environmental points raised in the review and consultation process are responded to in the Final EIR. This document is then circulated for an additional 15 days to those agencies and persons who commented on the Draft EIR. After the review period has ended, the Final EIR is presented to the Commission for certification, and the proposed project, including any recommended alterations or mitigation measures, is presented to the Commission for approval or disapproval.

The applicant will be required to cover the costs of preparation of the environmental documentation for the project. Experience has shown that ND/MND and EIR costs vary considerably, from several hundred to hundreds of thousands of dollars. The applicant must deposit an amount specified by the staff of the Commission within 21 days after Commission staff gives written notice of the anticipated costs of environmental processing, and will be required to execute a reimbursement agreement committing to full payment of the Commission's costs. (IMPORTANT: Please refer to Submittal of Fees below for more specific information regarding payment of Commission costs in processing your application.) If the cost for the preparation of a ND/MND or EIR exceeds the amount deposited, the amount of excess costs must be deposited within 15 days after written notice is given. Any unexpended portion of the deposit will be refunded to the applicant after the ND/MND or EIR is determined by the Commission to be adequate. Should the applicant fail to deposit the requested funds, the application may be canceled without further notice. Staff will not contact consultants regarding preparation of an EIR until required deposits and reimbursement agreements are received.

Where the Commission is a Responsible Agency as defined in CEQA (a permitting agency other than the Lead Agency), it must review the environmental documentation prepared by the Lead Agency, and comply with all applicable, substantive, and procedural requirements of CEQA.

Permit Streamlining Act: Time Constraints/Completeness of Application

Not later than 30 calendar days after the Commission receives an application for a development project, the staff will notify the applicant in writing whether the application is complete. Please see PART IV of the attached application form for the definition of "development project".

Staff of the Commission shall deem an application complete if:

1. The data submitted are sufficient to allow the staff of the Commission to locate and describe the nature and extent of State-owned land to be utilized in the project;

2. The applicant submits all deposits and fees required by the Commission (See Submittal of Fees below);

3. The applicant submits project specific information and environmental data sufficient for the Commission to determine the level and scope of environmental review required under CEQA and the State CEQA Guidelines (see Parts II and III);

4. The applicant submits data sufficient for the State to determine the fair rental to be paid the State for the applicant's use of the State's property; and

5. The data submitted by the applicant are sufficient to allow staff of the Commission to begin an analysis to determine if the application is: (a) consistent with Commission policies, practices and procedures; (b) conducive to public access; (c) consistent with environmental safeguards and policies of the State; and (d) otherwise in the best interests of the State.

In the event the application is determined not to be complete, the staff will specify what additional information is required. Upon receipt of any additional material, the staff will respond within 30 days as to whether the application is complete. Should the applicant fail to provide a complete application within a reasonable period of time, the file may be closed and all or any part of the fees retained by the Commission. Please see Notice on Page vii in the Application Instructions section. There is an appeal process whereby an applicant may appeal the determination of the staff that the application is incomplete. The adequate completion of Parts I through V of the Application for Lease of State Lands shall constitute a complete application.

After an application is found to be complete, the applicant may be required to submit additional information to clarify, amplify, correct, or otherwise supplement the information requested in the application form.

Under the Permit Streamlining Act, when the Commission is the Lead Agency for a development project and an EIR is prepared, the Commission must approve or disapprove the proposed project within 180 days from the date the EIR is certified. If a combined EIR/EIS (under CEQA and NEPA) is being prepared the Commission must approve or disapprove a development project within 90 days after the combined document is completed and approved. When an ND/MND is prepared or if the development project is exempt from CEQA the development project shall be approved or disapproved within 60 days from the date of adoption of the ND/MND or from the date the project is determined by the Commission to be exempt from CEQA.

When the Commission is acting as a Responsible Agency, the Commission must approve or disapprove the proposed project within 180 days after the Commission deems the application complete or 180 days after the Lead Agency approved the project, whichever is later.

The following are some of the circumstances that may cause the Commission to deny a project:

1. Failure of an applicant to furnish requested additional information;
2. Environmental considerations;
3. Failure to meet any statutory requirements;
4. Failure to submit requested additional fees;
5. Failure to conclude negotiations or to execute documents;
6. Inability of applicant to meet financial qualifications as deemed appropriate by the staff;
7. Misrepresentation by the applicant or its agent; or
8. Inconsistency with Public Trust Doctrine restrictions, resources, values, uses or needs (For more information, please visit our website: http://www.slc.ca.gov/Misc_Pages/Public_Trust.html http://www.slc.ca.gov/Policy_Statements/Public_Trust_Home_Page.html).
9. The proposed activity, use, or project is determined not to be in the State's best interest.

This list should not be considered exhaustive.

Miscellaneous Information

The following concerns all applications:

An applicant acquires no property interest in State lands or the right to the use of State lands until the Commission has authorized a lease, permit, or other entitlement, and until the lease, permit, or other entitlement is complete in all respects and has been executed on behalf of the applicant and the State.

An application is not transferable; therefore, an agent should not submit an application without disclosing his or her status, authorization to act as agent, and the principal's identity; nor should an application be submitted with the intention of transferring the application or an interest in an application at a later date.

The preceding information is an outline of the general requirements and procedures applicable to all surface leasing developments. Prospective applicants wishing to obtain a lease, permit, or other entitlement for use of State lands should read and complete the attached application form and any attached parts that may be applicable and return it together with the data requested to the staff of the Commission for review and processing. Questions involving the surface leasing of State lands and the completed application form should be directed to:

California State Lands Commission
Land Management Division
100 Howe Avenue, Suite 100 South
Sacramento, California 95825-8202
Telephone: (916) 574-1940

Accommodations for the Deaf and Hearing Impaired

The State Lands Commission has available the services of the California Relay Service to provide telephone capabilities to deaf or hearing impaired persons. The telephone number of the California Relay Service is 1-800-735-2929 (TDD/TT). In addition, a sign language interpreter will be provided, upon reasonable advance notification of need by a deaf or hearing impaired individual.

APPLICATION INSTRUCTIONS FOR LEASE OF STATE LANDS

This application form has been developed in accordance with California Government Code Section 65940. The form has been designed to apply for a lease for a variety of surface use situations including commercial, industrial, right-of-way, and recreational uses. The form requires an applicant to fully describe its proposed use of State lands and consists of the following parts:

Part I – General Data;
Part II – Specific Project Information;
Part III – Project Environmental Data;
Part IV – Permit Streamlining Act; and
Part V – Privacy Notice and Certification.

The information sought in this application form is required from the applicant, and the sufficiency of the information provided by the applicant will be the basis by which the staff will determine the completeness of the application as specified in Government Code Section 65940.

Government Code Section 65941.5 requires the State Lands Commission to notify its applicants of the public notice distribution requirements under applicable provisions of law relative to any proposed Commission action on applications for development projects. The notice distribution requirements are contained in Government Code Section 11125, and include, but are not limited to, notice to any person who requests that notice in writing and posting on the Internet at least 10 days in advance of the meeting.

When completing this application, please type or print clearly and submit it to the principal office of the Commission in Sacramento. Please answer all applicable questions and write "N.A." where questions do not apply. In addition, please submit any information believed important in support of the application. Applications for any use or entitlement of State lands, including but not limited to, applications for amendments, assignments, new leases for continuation of existing uses, or replacements of existing leases or permits, must be submitted on this form. Requests or inquiries not submitted on this form will not be considered applications and will be returned to the submitting party. (IMPORTANT: Submittal of the application form will NOT be considered an application unless accompanied by the Filing Fee and appropriate Minimum Expense Deposit set forth in Submittal of Fees below.)

CALIFORNIA PUBLIC RECORDS ACT

This application and all supporting information will become part of the official file and cannot be returned. The application and all supporting information may become a public record subject to disclosure to anyone who asks for it under the California Public Records Act (Government Code Section 6250 and following). Information considered confidential by the Applicant including, but not limited to, financial data, trade secrets, or other proprietary information may be withheld from public view if requested by the Applicant and allowed by law. This information should be clearly marked "CONFIDENTIAL" on each page.

The application information outlined on the following forms is necessary in order to process the application for use of State land. You have the right to review files maintained about your

project by the Commission, except as otherwise provided by law. The Commission Records Manager, State Lands Commission, 100 Howe Avenue, Suite 100 South, Sacramento, California, 95825, telephone (916) 574-1900, is responsible for maintenance of the information which is collected by the Commission.

NOTICE

If an application becomes inactive for a period of six months, the application will be terminated and all fees submitted with the application will be forfeited, subject only to the return of any unused deposit of processing fees. An application will be considered inactive if the applicant fails to provide requested information or indicate in writing why such information is not forthcoming for a period of ninety days following written request for such information by Commission staff.

PROCESSING COSTS

In addition to the costs of preparation of environmental documentation for the proposed project, the applicant is required to pay for all Commission staff costs and other costs and expenses for processing this application. The applicant shall deposit with the Commission the applicable Minimum Expense Deposit as set forth in Submittal of Fees below, and submit an executed reimbursement agreement to cover those costs. A reimbursement agreement form will be provided by Commission staff following review of the application and an estimate of anticipated Commission costs. If any reimbursement agreement(s) and any payment required under any reimbursement agreement(s), is (are) not received within 21 days of written request, the application may be canceled. Processing costs and environmental fees are calculated based on actual or estimated costs plus proportional overhead. If the deposit amount is less than those costs, the applicant will be required to submit additional costs within the allowable time period. If the deposit amount is more than these costs, the applicant will be refunded the difference.

Please note that if your application is ultimately approved by the Commission, you may also be charged other fees as provided by law, including, but not limited to environmental review fees charged by the California Department of Fish and Game, pursuant to Fish and Game Code Section 711.4.

Application Processing

It is the practice of the Commission to recover all costs for the processing of leases, permits, or other entitlements for the use of State land.

As soon as the application is accepted as complete, the staff will take all steps necessary, including but not limited to title work, land descriptions, appraisals, and environmental review to process the application. In some cases, the terms and conditions of a Commission lease, permit, or entitlement are subject to negotiation on a case-by-case basis based on relevant facts. Once the terms and conditions have been agreed to and the lease, permit, or entitlement has been executed by the applicant, staff will place the item on the agenda for consideration by the Commission at a regularly-scheduled meeting. Items to be considered by the Commission must be finalized at least one month prior to the scheduled meeting.

Submittal of Fees

Each applicant is required to pay the Commission's costs of processing the application. Each applicant, at the time of filing an application, shall submit a Filing Fee and the appropriate Minimum Expense Deposit for processing fees as set forth below. Each applicant will also be required to execute a reimbursement agreement to cover the total cost of processing the application (see below). The Minimum Expense Deposits listed below are based upon typical Commission costs in processing routine uncomplicated transactions, and may not cover the total cost of processing your application.

A. Filing Fee. *Same fee required of all applicants.* $ 25.00

B. Minimum Expense Deposits for Processing Fees. *Use the chart below to determine the deposit required for this project.*

Transaction	Minimum Expense Deposit
(a) Commercial Lease (New)	$17,500.00
(b) Industrial Lease (New)	$25,000.00
(c) Right of Way	$ 2,500.00
(d) Public Agency Lease/Permit	$ 3,000.00
(e) Non-Commercial Lease	$ 1,200.00
(f) Protective Structure	$ 2,500.00
(g) Grazing or other Agricultural Lease	$ 2,500.00
(h) Dredging Lease	$ 1,500.00
(i) Consent to Encumber Leasehold	$ 1,000.00
(j) Assignment not involving amendment of Lease	$ 1,000.00
(k) Amendment of Lease to accommodate Lessee	$ 2,000.00
(l) Sublease Approval	$ 1,500.00
(m) Most other transactions not listed above	$ 1,500.00

In addition to the above listed application processing fees, the Commission may require reimbursement of its costs in providing other services associated with processing applications for leases. These services include but are not limited to:

1. Processing environmental documents (See General Information enclosed with this application).
2. Review of environmental documents by the California Department of Fish and Game (See Fish and Game Code Section 711.4).
3. Advertising or public notification.
4. Duplicating or certifying papers.
5. Searching records or ordering title reports.
6. Processing archaeological, biological (including Tahoe Yellow Cress) or other necessary surveys.
7. Appraisals.

8. Monitoring compliance with environmental mitigation requirements of lease.
9. Lease management, including rent reviews, compliance with lease terms, etc.
10. Engineering Review.

Upon receipt of your application form and determination by staff of estimated costs to process your application, you will be provided a reimbursement agreement to assure recovery by the Commission of the total cost to process your application for the use of State land.

NOTE: The California State Lands Commission accepts MasterCard, Visa, and Novus/Discover Cards for payments including filing fees, application fees, rent, etc. If you wish to use this method of payment, please contact our Accounting Office at (916) 574-0397.

MISCELLANEOUS

The Commission encourages applicants to contact or meet with the Commission's staff prior to or after submitting an application to clarify the sufficiency of information needed to deem an application complete, in particular, information required in Parts II and III. This may streamline the application process by providing information to the staff in determining whether or not to recommend the project to the Commission.

The conduct of the Commission is governed by California Public Resources Code Sections 6000 et seq. and Title 2, Division 3, Sections 1900 et seq. of the California Code of Regulations. These provisions are included herein by reference.

DEFINITIONS

1) CCR: California Code of Regulations
2) CEQA: California Environmental Quality Act: Public Resources Code Sections 21000 et seq.
3) EIR: Environmental Impact Report
4) ND/MND: Negative Declaration/Mitigated Negative Declaration
5) PRC: Public Resources Code
6) "Proposed Project" shall include the construction, operation, and maintenance of a new facility, a change in an existing facility, or the continued use of State land for an existing facility for which Commission authorization has expired or never been granted.
7) "Water body" shall include the Pacific Ocean and any river, stream, slough, lake, bay, estuary, inlet, or strait.

DREDGE AND FILL FEE CALCULATOR [1] v14b 09/18/2014

This fee schedule is based on California Code of Regulations, Title 23, section 2200(a)(3). TO CALCULATE FEE: Enter the "Discharge Size" in Section A or, if the project qualifies, check the check-box in Section B according to the applicable Flat Fee category. If the project involves multiple discharges, then both Section A and Section B fee charges may apply. The project fee owed will appear in the "Total Fee For All Categories" box at the bottom of the Fee Calculator. Discharges to waters of the state from both temporary and permanent project impacts are subject to fees. In any case, dredge and fill operation fees shall not exceed $90,000 for Fill and Excavation Applications and $90,000 for Dredging Annual Active Discharge Fee.

Single Project Including Multiple Discharges ☐

A. FEES BASED ON DISCHARGE SIZE

	FEE CATEGORY	RATE	DISCHARGE SIZE		APPLICATION FEE[2]	ANNUAL ACTIVE DISCHARGE FEE[3]	ANNUAL POST DISCHARGE MONITORING FEE[4]
(A)	**Fill & Excavation[5] Discharges.** Discharges will be assessed as the higher fee of "discharge length in feet" and "discharge area in acres". Discharge length shall be reported in Linear Feet. Includes linear discharges to drainage features and shorelines. The size of the discharge area shall be rounded to two decimal places (0.01 acre = 436 square feet).	Discharge Length Feet x $13.50		$0	$0	$0	$0
		Discharge Area Acres x $5,670		$0			
(B)	**Dredging Discharges (except Sand Mining-see (C) below)[6]** Dredge volume expressed in Cubic Yards.	Dredge Volume CY x $0.21			$0	$0	$0
	Application Fee/Annual Active and Post Discharge Monitoring Fee: [1(b)]:	Categories (A) and (B)			$0	$0	$0

B. FEES BASED ON FLAT FEE CATEGORIES

(C)	**Sand Mining Dredging Discharges.** Aggregate extraction in marine waters where the source material is free of pollutants and the dredging operation will not violate any Basin Plan Provisions.	Flat fee	Check if Applicable	☐	$0	$0	$0
(D)	**Ecological Restoration and Enhancement Projects** Projects undertaken for the sole purpose of restoring or enhancing the beneficial uses of water. This schedule does not apply to projects required under a regulatory mandate or to projects that are not primarily intended for ecological restoration or enhancement, e.g., land development.	Flat fee	Check if Applicable	☐	$0	$0	$0
(E)	**Low Impact Discharges.** Projects may be classified as low impact discharges if they meet the following criteria: 1. The discharge size is less than all of the following: (a) for fill, 0.1 acre, and 200 linear feet; and (b) for dredging, 25 cubic yards. 2. The discharger demonstrates that: (a) all practicable measures will be taken to avoid impacts; (b) where unavoidable temporary impacts take place, waters and vegetation will be restored to pre-project conditions as quickly as practicable; and (c) where unavoidable permanent impacts take place, there will be no net loss of wetland, riparian area, or headwater functions, including onsite habitat, habitat connectivity, floodwater retention, and pollutant removal. 3. The discharge will not do any of the following: (a) directly or indirectly destabilize a bed of a receiving water; (b) contribute to significant cumulative effects; (c) cause pollution, contamination, or nuisance; (d) adversely affect candidate, threatened, or endangered species; (e) degrade water quality or beneficial uses; (f) be toxic; or (g) include "hazardous" or "designated" material.	Flat fee	Check if Applicable	☐	$0	N/A	N/A
(F)	**General Orders For CEQA Exempt Projects** Projects which are CEQA exempt and which are required to submit notification of a proposed discharge to the State and/or Regional Board pursuant to: (1) a general order authorizing impacts for the qualifying project CEQA exemption (e.g. Small Habitat Restoration General Permit); or (2) a general water quality certification permitting discharges authorized by a U.S. Army Corps of Engineers general permit (e.g., nationwide permit). Applies ONLY if a general order or general water quality certification was previously granted.	Flat Fee	Check if Applicable	☐	$0	N/A	N/A
(G)	**Emergency Projects authorized by a Water Board General Order**	Flat Fee	Check if Applicable	☐	$0	N/A	N/A
	Flat Fee:	Categories (C) to (G)			$0	$0	$0

C. FEES BASED ON AMENDED ORDERS

	Amended Orders. Amendments of WDR's or water quality certifications previously issued for one-time discharges not subject to annual billings. Fees charged as follows:					
	(i) Minor project changes, not requiring technical analysis and involving only minimal processing time.	No fee required				
	(ii) Changes to projects eligible for flat fees (fee categories C and D. above) where technical analysis is needed to assure continuing eligibility for flat fee and that beneficial uses are still protected.	Flat fee	Check if Applicable	☐	$0	
	(iii) Project changes not involving an increased discharge amount, but requiring some technical analysis to assure that beneficial uses are still protected and that original conditions are still valid, or need to be modified	Flat fee	Check if Applicable	☐	$0	
	(iv) Project changes involving an increased discharge amount and requiring some technical analysis to assure that beneficial uses are still protected and that original conditions are still valid, or need to be modified.	Additional fee assessed per Increased amount of discharge(s) Complete Section A and B	Check if Applicable	☐	$0	
	(v) Major project changes requiring an essentially new analysis and re-issuance of WDR's or water quality certification.	New fee assessed				
	Fees Based on Amended Orders	Amended Orders (i) to (v)			$0	$0	$0

TOTAL FEE FOR ALL CATEGORIES $0 $0 $0

1(a) For "excavation" the area of the discharge is the area of excavation; if the excavated material is then discharged to waters, an additional "fill" fee will be assessed.

1(b) When a single project includes multiple discharges within a single dredge and fill fee category, the fee for that category shall be assessed based on the total area, volume, or length of discharge (as applicable) of the multiple discharges. When a single project includes discharges that are assessed under multiple standard fee categories, the total application fee shall be the sum of the application fees assessed under each applicable fee category; however only a single annual active discharge fee or annual post-discharge monitoring fee, if required, shall be assessed for the project. The single annual active discharge fee and the single annual post-discharge monitoring fee for the project shall be based on the higher of the applicable fee categories. Single projects qualifying for a flat fee or amended order fee shall only be assessed the applicable flat fee or amended order fee.

1(c) Fees shall be based on the largest discharge size specified in the original or revised report of waste discharge or Clean Water Act (CWA) Section 401 water quality certification application, or as reduced by the applicant without any State Board or Regional Board intervention.

1(d) If water quality certification is issued in conjunction with dredge or fill WDRs or is issued for a discharge regulated under such preexisting WDRs, the current annual WDR fee as derived from this dredge and fill fee schedule shall be paid in advance during the application for water quality certification, and shall comprise the fee for water quality certification.

1(e) Discharges requiring water quality certification and regulated under a federal permit or license other than a US Army Corps of Engineers CWA Section 404 permit or a Federal Energy Regulatory Commissi[illegible] License shall be assessed a fee determined from CCR 23, Section 2200(a).

2 Dischargers shall pay a one-time application fee for each project at the time that the application or report of waste discharge is submitted. Notwithstanding section 2200.2, if discharges commence in a fiscal y[illegible] other than the fiscal year in which the application or report of waste discharge is submitted, the application fee is in addition to the first annual active discharge fee for the project. If discharges commence in the same fiscal year as the application or report of waste discharge is submitted, the discharger shall pay only the greater of the application fee or the first annual active discharge fee. The application fee for category (A) fill and excavation discharges will be based on the discharger's estimate of project length and area. If, upon completion, the actual length or area is larger than the estimate, the discharger may receive an additional application fee invoice that is based on the actual project length and area, minus the application fee that was previously paid.

3 Dischargers shall pay an annual active discharge fee each fiscal year or portion of a fiscal year during which discharges occur until the regional board or the State Board issues a Notice of Completion of Discharges Letter to the discharger. The annual active discharge fee for category (B) dredging discharges will be invoiced after the annual dredge volume has been determined.

4 Dischargers shall pay an annual post-discharge monitoring fee each fiscal year or portion of a fiscal year commencing with the first fiscal year following the fiscal year in which the regional board or State Board issued a Notice of Completion of Discharges Letter to the discharger, but continued water quality monitoring or compensatory mitigation monitoring is required. Dischargers shall pay the annual post-discharge monitoring fee each fiscal year until the regional board or the State Board issues a Notice of Project Complete Letter to the discharger.

5 "Excavation" refers to removing sediment or soil in shallow waters or under no-flow conditions where impacts to beneficial uses are best described by the area of the discharge. It typically is done for purposes other than navigation. Examples include trenching for utility lines, other earthwork preliminary to discharge, removing sediment to increase channel capacity, and other flood control and drainage maintenance activities (e.g., debris removal, vegetation management and removal, detention basin maintenance and erosion control of slopes along open channels and other drainage facilities).

6 "Dredging" generally refers to removing sediment in deeper water to increase depth. The impacts to beneficial uses are best described by the volume of the discharge and typically occur to facilitate navigation. For fee purposes it also includes aggregate extraction within stream channels where the substrate is composed of course sediment (e.g., gravel) and is reshaped by normal winter flows (e.g., point bars), where natural flood disturbance precludes establishment of significant riparian vegetation, and where extraction timing, location and volume will not cause changes in channel structure (except as required by regulatory agencies for habitat improvement) or impair the ability of the channel to support beneficial uses.

CALIFORNIA CODE OF REGULATIONS
TITLE 23. Division 3. Chapter 9. Waste Discharge Reports and Requirements
Article 1. Fees

Section 2200. Annual Fee Schedules.

Each person for whom waste discharge requirements have been prescribed pursuant to Section 13263 of the Water Code shall submit, to the State Board, an annual fee in accordance with the following schedules. The fee shall be submitted for each waste discharge requirement order issued to that person.[1]

(a) The annual fees for persons issued waste discharge requirements (WDRs), except as provided in subdivisions (a)(3), (a)(4), (b), and (c), shall be based on the discharge's threat to water quality (TTWQ) and complexity (CPLX) rating according to the following fee schedule, plus applicable surcharge(s).

ANNUAL FEE SCHEDULE FOR WASTE DISCHARGE REQUIREMENTS				
Threat to Water Quality (TTWQ)	Complexity (CPLX)	Type of Discharge		
		Discharge to Land or Surface Waters[2]	Land Disposal[3]	
			Not Paying a Tipping Fee[4]	Paying a Tipping Fee[5]
1	A	$109,095	$70,781[6]	$59,252[6]
1	B	$68,901	$57,168	$47,856
1	C	$37,178	$36,751	$30,766
2	A	$24,833	$30,625	$25,638
2	B	$14,929	$24,502	$20,510
2	C	$11,195	$18,376	$15,383
3	A	$8,823	$12,250	$10,256
3	B	$4,699	$9,188	$7,690
3	C	$2,088	$4,082	$3,419

[1] Federal facilities will generally not be invoiced for the portion of the annual fee that is attributable to the State Board's ambient water monitoring programs. See *Massachusetts v. United States* (1978) 435 U.S. 444.

[2] For this table, discharges to land or surface waters are those discharges of waste to land or surface waters not covered by NPDES permits that are regulated pursuant to Water Code Section 13263 that do not implement the requirements of Title 27 of the California Code of Regulations (CCR). Examples include, but are not limited to, wastewater treatment plants, erosion control projects, and septic tank systems. It does not include discharge of dredge or fill material, discharges from agricultural lands, including irrigated lands, or discharge from animal feeding operations.
Dischargers covered by a WDR for municipal and domestic discharges with permitted flows of less than 50,000 gallons per day in categories 2-B, 2-C, 3-B and 3-C will receive a 50 percent fee discount. The design flow shall be used where no permitted flow is present. Municipal and domestic discharges receiving the discount are defined as discharges from facilities that treat domestic wastewater or a mixture of wastewater that is predominately domestic wastewater. Domestic wastewater consists of wastes from bathroom toilets, showers, and sinks from residential kitchens and residential clothes washing. It does not include discharges from food preparation and dish washing in restaurants or from commercial laundromats. Dischargers covered by a Landscape Irrigation General Permit issued by the State Water Board will be assessed a fee associated with TTWQ/CPLX rating of 3B.

[3] For this table, land disposal discharges are those discharges of waste to land that are regulated pursuant to Water Code Section 13263 that implement the requirements of CCR Title 27, Division 2, except Chapter 7, Subchapter 2, §22560-22565 (confined animal facilities). Examples include, but are not limited to, discharges associated with active and closed landfills, waste piles, surface impoundments, and mines.

[4] For this table, Not Paying a Tipping Fee are those land disposal dischargers not subject to Public Resources Code (PRC) § 48000 et seq.

[5] For this table, Paying a Tipping Fee are those land disposal dischargers subject to PRC § 48000 et seq.

[6] A surcharge of $12,000 will be added for Class I landfills. Class I landfills are those that, during the time they are, or were, in operation, are so classified by the Regional Board under 23 CCR Chapter 15, have WDRs that allow (or, for closed units, allowed) them to receive hazardous waste, and have a permit issued by the Department of Toxic Substances Control under 22 CCR Chapter 10, § 66270.1 et seq.

(1) Threat to water quality (TTWQ)[7] and complexity (CPLX) of the discharge is assigned by the Regional Board in accordance with the following definitions:

THREAT TO WATER QUALITY

Category "1" – Those discharges of waste that could cause the long-term loss of a designated beneficial use of the receiving water. Examples of long-term loss of a beneficial use include the loss of drinking water supply, the closure of an area used for water contact recreation, or the posting of an area used for spawning or growth of aquatic resources, including shellfish and migratory fish.

Category "2" – Those discharges of waste that could impair the designated beneficial uses of the receiving water, cause short-term violations of water quality objectives, cause secondary drinking water standards to be violated, or cause a nuisance.

Category "3" – Those discharges of waste that could degrade water quality without violating water quality objectives, or could cause a minor impairment of designated beneficial uses as compared with Category 1 and Category 2.

COMPLEXITY

Category "A" – Any discharge of toxic wastes; any small volume discharge containing toxic waste; any facility having numerous discharge points and groundwater monitoring; or any Class 1 waste management unit.

Category "B" – Any discharger not included in Category A that has physical, chemical, or biological treatment systems (except for septic systems with subsurface disposal), or any Class 2 or Class 3 waste management units.

Category "C" – Any discharger for which waste discharge requirements have been prescribed pursuant to Section 13263 of the Water Code not included in Category A or Category B as described above. Included are dischargers having no waste treatment systems or that must comply with best management practices, dischargers having passive treatment and disposal systems, or dischargers having waste storage systems with land disposal.

(2) For dischargers covered under Statewide General WDRs for Sanitary Sewer Systems, the TTWQ and CPLX designations are assigned based on the population served by the sanitary sewer system. The table below describes the correlation between population served and TTWQ and CPLX designations to determine the appropriate annual fee:

Population Served[8]	Threat and Complexity Designation
Less than 50,000	3C
50,000 or more	2C

[7] In assigning a category for TTWQ, a regional board should consider duration, frequency, seasonality, and other factors that might limit the impact of the discharge.

[8] Assumes 2.5 persons per equivalent dwelling unit (EDU).

(3) The fees for discharges of dredge and fill material shall be as follows.[9]

STANDARD FEE			
Discharge Category	Application Fee[10]	Annual Active Discharge Fee[11]	Annual Post-Discharge Monitoring Fee[12]
(A) Fill and Excavation[13] Discharges Discharges will be assessed as the higher fee of "discharge length in feet" and "discharge area in acres." The size of the discharge area shall be rounded to two decimal places (0.01 acre = 436 square feet).	Discharge length in feet x $13.50 -or- Discharge area in acres x $5,670 whichever is higher, up to a maximum of $90,000. The minimum application fee is $600.	$600	$300

[9] i. For "excavation" the area of the discharge is the area of excavation; if the excavated material is then discharged to waters, an additional "fill" fee will be assessed.
ii. When a single project includes multiple discharges within a single dredge and fill fee category, the fee for that category shall be assessed based on the total area, volume, or length of discharge (as applicable) of the multiple discharges. When a single project includes discharges that are assessed under multiple standard fee categories, the total application fee shall be the sum of the application fees assessed under each applicable fee category; however only a single annual active discharge fee or annual post-discharge monitoring fee, if required, shall be assessed for the project. The single annual active discharge fee and the single annual post-discharge monitoring fee for the project shall be based on the higher of the applicable fee categories. Single projects qualifying for a special/flat fee or amended order fee shall only be assessed the applicable special/flat fee or amended order fee.
iii. Fees shall be based on the largest discharge size specified in the original or revised report of waste discharge or Clean Water Act (CWA) Section 401 water quality certification application, or as reduced by the applicant without any State Board or Regional Board intervention.
iv. If water quality certification is issued in conjunction with dredge or fill WDRs or is issued for a discharge regulated under such preexisting WDRs, the current annual WDR fee as derived from this dredge and fill fee schedule shall be paid in advance during the application for water quality certification, and shall comprise the fee for water quality certification.
v. Discharges requiring water quality certification and regulated under a federal permit or license other than a US Army Corps of Engineers CWA Section 404 permit or a Federal Energy Regulatory Commission License shall be assessed a fee determined from CCR 23, Section 2200(a).

[10] Dischargers shall pay a one-time application fee for each project at the time that the application or report of waste discharge is submitted. Notwithstanding section 2200.2, if discharges commence in a fiscal year other than the fiscal year in which the application or report of waste discharge is submitted, the application fee is in addition to the first annual active discharge fee for the project. If discharges commence in the same fiscal year as the application or report of waste discharge is submitted, the discharger shall pay only the greater of the application fee or the first annual active discharge fee. The application fee for category (A) fill and excavation discharges will be based on the discharger's estimate of project length and area. If, upon completion, the actual length or area is larger than the estimate, the discharger may receive an additional application fee invoice that is based on the actual project length and area, minus the application fee that was previously paid.

[11] Dischargers shall pay an annual active discharge fee each fiscal year or portion of a fiscal year during which discharges occur until the regional board or the State Board issues a Notice of Completion of Discharges Letter to the discharger. The annual active discharge fee for category (B) dredging discharges will be invoiced after the annual dredge volume has been determined.

[12] Dischargers shall pay an annual post-discharge monitoring fee each fiscal year or portion of a fiscal year commencing with the first fiscal year following the fiscal year in which the regional board or State Board issued a Notice of Completion of Discharges Letter to the discharger, but continued water quality monitoring or compensatory mitigation monitoring is required. Dischargers shall pay the annual post-discharge monitoring fee each fiscal year until the regional board or the State Board issues a Notice of Project Complete Letter to the discharger.

[13] "Excavation" refers to removing sediment or soil in shallow waters or under no-flow conditions where impacts to beneficial uses are best described by the area of the discharge. It typically is done for purposes other than navigation. Examples include trenching for utility lines, other earthwork preliminary to discharge, removing sediment to increase channel capacity, and other flood control and drainage maintenance activities (e.g., debris removal, vegetation management and removal, detention basin maintenance and erosion control of slopes along open channels and other drainage facilities).

Discharge Category	Application Fee[10]	Annual Active Discharge Fee[11]	Annual Post-Discharge Monitoring Fee[12]
(B) Dredging[14] Discharges (except Sand Mining-see (C) below) Dredge volume expressed in cubic yards.	$600	Annual dredge volume in cubic yards x $0.21, up to a project maximum of $90,000. The minimum annual active discharge fee is $600.	$300
SPECIAL/FLAT FEE			
Discharge Category	Application Fee[10]	Annual Active Discharge Fee[11]	Annual Post-Discharge Monitoring Fee[12]
(C) Sand Mining Dredging Discharges Aggregate extraction in marine waters where source material is free of pollutants and the dredging operation will not violate any basin plan provisions.	$600	$600	$300
(D) Ecological Restoration and Enhancement Projects Projects undertaken for the sole purpose of restoring or enhancing the beneficial uses of water. This schedule does not apply to projects required under a regulatory mandate or to projects that are not primarily intended for ecological restoration or enhancement, e.g., land development.	$200	$200	$100
(E) Low Impact Discharges Projects may be classified as low impact discharges if they meet all of the following criteria: 1. The discharge size is less than all of the following: (a) for fill, 0.1 acre, and 200 linear feet, and (b) for dredging, 25 cubic yards. 2. The discharger demonstrates that: (a) all practicable measures will be taken to avoid impacts; (b) where unavoidable temporary impacts take place, waters and vegetation will be restored to pre-project conditions as quickly as practicable; and (c) where unavoidable permanent impacts take place, there will be no net loss of wetland, riparian area, or headwater functions, including onsite habitat, habitat connectivity, floodwater retention, and pollutant removal. 3. The discharge will not do any of the following: (a) directly or indirectly destabilize a bed of a receiving water; (b) contribute to significant cumulative effects; (c) cause pollution, contamination, or nuisance; (d) adversely affect candidate, threatened, or endangered species; (e) degrade water quality or beneficial uses; (f) be toxic; or (g) include "hazardous" or "designated" material.	$200	N/A	N/A

[14] "Dredging" generally refers to removing sediment in deeper water to increase depth. The impacts to beneficial uses are best described by the volume of the discharge and typically occur to facilitate navigation. For fee purposes it also includes aggregate extraction within stream channels where the substrate is composed of course sediment (e.g., gravel) and is reshaped by normal winter flows (e.g., point bars), where natural flood disturbance precludes establishment of significant riparian vegetation, and where extraction timing, location and volume will not cause changes in channel structure (except as required by regulatory agencies for habitat improvement) or impair the ability of the channel to support beneficial uses.

(F) General Orders for CEQA Exempt Projects Projects which are CEQA exempt and which are required to submit notification of a proposed discharge to the State and/or Regional Board pursuant to: (1) a general order authorizing impacts for the qualifying project CEQA exemption (e.g. Small Habitat Restoration General Permit); or (2) a general water quality certification permitting discharges authorized by a U.S. Army Corps of Engineers general permit (e.g., nationwide permit). Applies ONLY if a general order or general water quality certification was previously granted.	$200	N/A	N/A
(G) Emergency Projects authorized by a Water Board General Order			
(H) Amended Orders Amendments of WDR's or water quality certifications previously issued for one-time discharges not subject to annual billings.			
(a) Minor project changes, not requiring technical analysis and involving only minimal processing time.	(a) No fee required		
(b) Changes to projects eligible for flat fees (fee categories C and D) where technical analysis is needed to assure continuing eligibility for flat fee and that beneficial uses are still protected.	(b) $300 flat fee		
(c) Project changes not involving an increased discharge amount, but requiring some technical analysis to assure that beneficial uses are still protected and that original conditions are still valid, or need to be modified.	(c) $200 flat fee		
(d) Project changes involving an increased discharge amount and requiring some technical analysis to assure that beneficial uses are still protected and that original conditions are still valid, or need to be modified.	(d) Additional standard fee assessed per increased amount of discharge(s)		
(e) Major project changes requiring an essentially new analysis and re-issuance of WDR's or water quality certification.	(e) New standard fee assessed		

(4) The annual fee for discharges associated with marijuana cultivation shall be as follows:

Total Area Cultivated	Annual Fee
Less than 0.25 acres	$500
0.25 to 5 acres	$2,500
Greater than 5 acres	$10,000

(b) The annual fees for persons issued NPDES permits shall be based on the following schedules, plus any applicable surcharge(s).

(1)(A) Each public entity that owns and/or operates a storm water conveyance system, or part of such a system, that is subject to a NPDES permit for storm water discharges from a municipal separate storm sewer system (MS4) shall pay an annual fee according to the following schedule. The fee shall be based on the population of the public entity according to the most recently published United States Census. For public entities other than cities or counties (Non-

Traditional Small MS4s[15]), shall pay an annual fee according to the following schedule, based on the average daily population using the entities facilities, unless otherwise provided in the schedule. Flood control districts or other special districts named as co-permittees to MS4 permits and school districts, serving students between kindergarten and fourteenth grade, shall not pay an annual fee if the city or county within whose jurisdiction the district lies, pays an annual fee. For Fiscal Year 2014-15, dischargers paying this fee will receive an 8.9 percent reduction of the total fee.

ANNUAL FEE SCHEDULE FOR AREAWIDE MUNICIPAL STORM WATER SEWER SYSTEM PERMITS AND CO-PERMITTEES	
Population equal to or greater than 250,000	$63,956
Population between 200,000 and 249,999	$55,961
Population between 150,000 and 199,999	$48,285
Population between 100,000 and 149,999	$39,974
Population between 75,000 and 99,999	$31,979
Population between 50,000 and 74,999	$23,982
Population between 25,000 and 49,999	$15,989
Population between 10,000 and 24,999	$9,594
Population between 1,000 and 9,999	$6,395
Less than 1,000 population	$3,199
Statewide Permit Holders	$255,822
High Speed Rail Authority	$150,000

(B) Dischargers applying for the Small MS4 Waiver of a General Permit to Discharge Storm Water Associated with Small Municipal Activity issued by the State Water Board shall pay an application fee of $200.

(2) Any entity or entities submitting a watershed improvement plan to the Regional Board for review pursuant to Section 16102 of the Water Code shall reimburse the Regional Board for its costs[16] to review and oversee the implementation of the plan, which shall be calculated using a rate of $150.00 per hour.

(3) Facilities that discharge storm water associated with industrial activities that are regulated by a State Board or Regional Board general NPDES storm water permit shall pay an annual fee of $1,791. An amount equal to the fee prescribed shall be submitted with the discharger's Notice of Intent (NOI) to be regulated under a general NPDES permit and will serve as the first annual fee. For the purposes of this section, an NOI is considered to be a report of waste discharge. For Fiscal Year 2014-15, dischargers paying this fee will receive an 8.9 percent reduction of the total fee.

[15] Non-Traditional Small MS4s are facilities that have systems similar to separate storm sewer systems in municipalities, such as systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. (40 C.F.R. § 122.26(b)(16)(iii)).

[16] These costs include labor, State Board and Regional Board administrative costs, and overhead costs.

(4)(A) Storm water discharges associated with construction activities that are regulated by a general NPDES storm water permit other than those covered under (b)(5), including those issued by a Regional Board, shall pay an annual fee of $512 plus $51 per acre (rounded to the nearest whole acre and dollar amount), to a maximum fee of $5,612, based on the total acreage to be disturbed during the life of the project as listed on the NOI. An amount equal to the fee prescribed shall be submitted with the discharger's NOI to be regulated under a general NPDES permit and will serve as the first annual fee. For the purposes of this section, an NOI is considered to be a report of waste discharge. For Fiscal Year 2014-15, dischargers paying this fee will receive an 8.9 percent reduction of the total calculated fee.

(B) Dischargers applying for the Small Construction Rainfall Erosivity Waiver of a General Permit to Discharge Storm Water Associated with Construction Activity issued by the State Water Board shall pay an application fee of $200.

(5) Discharges associated with mosquito and vector control activities[17] that are regulated by an individual or general NPDES permit adopted specifically for these purposes, including those issued by a Regional Board, shall pay a fee of $241. Dischargers filing an application for a mosquito and vector control permit shall pay a fee of $241. The fee shall be paid each time an application for initial certification or renewal is submitted. Mosquito and vector control fees are not subject to ambient water monitoring surcharges.

(6) Planned and emergency discharges from community water systems that are regulated by a general NPDES permit adopted specifically for this purpose shall pay an application fee and subsequent annual fees (if applicable) based on the number of service connections for the public water system in accordance with the following schedule. The application fee shall be submitted with the discharger's NOI to be regulated by the general NPDES permit. For purposes of this section, an NOI is considered to be a report of waste discharge.

Service Connections	Application Fee Only	Application & Annual Fee
15-999	$100	
1,000-9,999		$500
10,000+		$2,062
Transmission Only		$2,062

(7) All other NPDES permitted discharges, except as provided in (b)(9), (b)(10), and (c), shall pay a fee according to the following formula:

Fee equals $2,062 plus 3,646 multiplied by the permitted flow, in mgd, with a maximum fee of $515,537 plus any applicable surcharge(s).

If there is no permitted effluent flow specified, the fee shall be based on the design flow of the facility.

For Fiscal Year 2014-15, dischargers paying this fee will receive a 3.2 percent reduction of the calculated fee, prior to the addition of any applicable surcharge.

[17] A mosquito and vector control activity involved discharge of pesticides into a designated area for the maintenance and control of mosquito larva for the protection of public health from the outbreak of lethal diseases. A mosquito and vector control agency discharges pesticides into surface waters for the control of mosquito larva.

NPDES permitted industrial discharges[18] with a threat/complexity[19] rating of 1A, 1B, or 1C are subject to a surcharge as follows:

Threat/Complexity Rating 1A - $15,000
Threat/Complexity Rating 1B - $10,000
Threat/Complexity Rating 1C - $5,000

Public wastewater treatment facilities with approved pretreatment programs are subject to a surcharge of $10,000. Agencies with multiple facilities under one approved pretreatment program shall pay a $10,000 surcharge per program.

(8)(A) Flow for wet weather municipal facilities[20] will be based on the previous five years' actual monthly average flow[21], as of the date the permit is issued.

(B) Notwithstanding (8)(A), the minimum annual fee for wet weather municipal facilities shall be $20,000.

(9) All other general NPDES permits and de minimis discharges[22] that are regulated by an individual or general NPDES permit, including those issued by a Regional Board, shall pay a fee as follows:

Category 1 - Discharges that require treatment systems to meet priority toxic pollutant limits and that could impair beneficial uses if limits are violated: $11,877.
Category 2 - Discharges that require treatment systems to meet non-priority pollutant limits, but are not expected to impair beneficial uses if limits are violated. Examples of non-priority pollutants include, but are not limited to, nutrients, inorganic compounds, pH, and temperature: $7,177.
Category 3 - Discharges that require minimal or no treatment systems to meet limits and pose no significant threat to water quality: $2,062.

For Fiscal Year 2014-15, dischargers paying this fee will receive a 3.2 percent reduction of the total fee.

[18] NPDES permitted industrial discharger(s) means those industries identified in the Standard Industrial Classification Manual, Bureau of Budget, 1967, as amended and supplemented, under the category "Division D-Manufacturing" and such other classes of significant waste producers as, by regulation, the U.S. EPA Administrator deems appropriate. (33 USC Sec. 1362).

[19] Threat/complexity categories are listed under (a)(1) of this document.

[20] Wet weather municipal facilities are intermittently operated facilities that are designed specifically to handle flows during wet weather conditions.

[21] The actual monthly average flow is defined as the average of the flows during each of the months that the discharge occurred during the previous five-year period.

[22] De minimis discharge activities include, but are not limited to, the following: aquaculture activities (as defined in Chapter 40, Section 122.25(b) of the Code of Federal Regulations) defined as managed water areas that use discharges of pollutants into that designated area for maintenance or reproduction of harvestable freshwater, estuarine, or marine plants or animals including fish hatcheries; geothermal facilities that utilize, extract, or produce energy from geothermal fluids for heating, generating power, or other beneficial uses, and discharge geothermal fluids to surface waters; aquatic pesticide applications; evaporative condensate; swimming and landscape pool drainage; discharges from fire hydrant testing or flushing; discharges resulting from construction dewatering; discharges associated with supply well installation, development, test pumping, and purging; discharges resulting from the maintenance of uncontaminated water supply wells, pipelines, tanks, etc.; discharges resulting from hydrostatic testing of water supply vessels, pipelines, tanks, etc.; discharges resulting from the disinfection of water supply pipelines, tanks, reservoirs, etc.; discharges from water supply systems resulting from system failures, pressure releases, etc.; discharges of non-contact cooling water, not including steam/electric power plants; discharges resulting from diverted stream flows; water treatment plant discharges; and other similar types of wastes that have low pollutant concentrations and are not likely to cause or have a reasonable potential to cause or contribute to an adverse impact on the beneficial uses of receiving waters yet technically must be regulated under an NPDES permit.

(c) The annual fees for discharges from confined animal facilities shall be based on the following schedules.

FEEDLOTS	
Type of Facility	
Number of Animals	**Fee**
Cattle or Cow/Calf Pairs	
100,000 or more	$9,937
10,000 to 99,999	$4,968
5,000 to 9,999	$2,649
1,000 to 4,999	$1,324
Less than 1,000	$663
Calves	
10,000 or more	$9,937
5,000 to 9,999	$4,968
1,000 to 4,999	$2,649
300 to 999	$1,324
Less than 300	$663
Heifers (not at a dairy)	
10,000 or more	$9,937
5,000 to 9,999	$4,968
1,000 to 4,999	$2,649
300 to 999	$1,324
Less than 300	$663
Finishing Yards/Auction Yards	
1,000 or more	$2,649
300 to 999	$1,324
Less than 300	$663

DAIRIES	
Type of Facility	
Number of Animals	**Fee**
Mature Dairy Cattle	
3,000 or more	$13,248
1,500 to 2,999	$8,279
700 to 1,499	$3,974
300 to 699	$1,987
Less than 300	$994
Goat Dairies	
1,000 or more	$1,324
Less than 1,000	$663
HOGS	
Swine (> 55 pounds)	
5,000 or more	$4,968
2,500 to 4,999	$2,649
750 to 2,499	$1,324
Less than 750	$663
Swine (< 55 pounds)	
20,000 or more	$4,968
10,000 to 19,999	$2,649
3,000 to 9,999	$1,324
Less than 3,000	$663
OTHER	
Horses	
500 or more	$2,649
150 to 499	$1,324
Less than 150	$663
Sheep or Lambs	
10,000 or more	$2,649
3,000 to 9,999	$1,324
Less than 3,000	$663

POULTRY		
Number of Animals	**On-Site Discharge Fee**	**Off-Site Discharge Fee**
Layers or Broilers (liquid manure system)		
120,000 or more	$6,623	$2,319
60,000 to 119,999	$3,313	$1,656
30,000 to 59,999	$2,485	$1,159
9,000 to 29,999	$1,324	$663
Less than 9,000	$663	$0
Non-layers (other than liquid manure system)		
500,000 of more	$6,623	$2,319
250,000 to 499,999	$3,313	$1,656
125,000 to 249,999	$2,485	$1,159
37,500 to 124,999	$1,324	$663
Less than 37,500	$663	$0
Layers (other than liquid manure system)		
350,000 or more	$6,623	$2,319
165,000 to 349,999	$3,313	$1,656
82,000 to 164,999	$2,485	$1,159
25,000 to 81,999	$1,324	$663
Less than 25,000	$663	$0
Ducks (other than liquid manure system)		
120,000 or more	$6,623	$2,319
60,000 to 119,999	$3,313	$1,656
30,000 to 59,999	$2,485	$1,159
10,000 to 29,999	$1,324	$663
Less than 10,000	$663	$0
Ducks (liquid manure system)		
20,000 or more	$3,313	
5,000 to 19,999	$2,485	
1,500 to 4,999	$1,324	
Less than 1,500	$663	
Turkeys		
200,000 or more	$6,623	$2,319
100,000 to 199,999	$3,313	$1,656
55,000 to 99,999	$2,485	$1,159
16,500 to 54,999	$1,324	$663
Less than 16,500	$663	$0

(1) Facilities that are certified under a Quality Assurance Program approved by the State Board or under a County regulatory program approved by the appropriate Regional Board, will receive a 50 percent fee reduction. Any facility that is issued a notice of violation by a Regional Board for an off-property discharge shall not be eligible to receive this fee reduction for a minimum of one billing cycle, and for all subsequent billing cycles until recertification and all corrective actions are complete as determined by the Regional Board.

(2) Facilities that pose no potential to discharge, as determined by a Regional Board, shall pay a fee of $455. The fee shall be paid each time an application for initial certification or renewal is submitted.

(3) Facilities that are required to submit a report of waste discharge (ROWD) while the facility is under construction and remains so subsequent to the billing cycle will have the annual fee waived until the facility is in operation and animals are present at the facility.

(4) Facility closures that are required to maintain a permit until all requirements are met shall continue to be assessed a fee based at the same rate as when the facility was in operation.

Note: Authority cited: Sections 185 and 1058 of the Water Code. Reference: Section 13260 of the Water Code.

Section 2200.1.

The State Board shall notify each discharger annually of the fee to be submitted, the basis upon which the fee was calculated, and the date upon which the fee is due.

Section 2200.2.

Persons proposing a new discharge shall submit to the State Board or Regional Board a report of waste discharge. Unless Section 2200 provides otherwise, or the discharger is specifically instructed otherwise by the State Board, a fee equal in amount to the annual fee based on the fee schedules in Section 2200 shall be submitted with the discharger's report of waste discharge. Except as otherwise provided in Section 2200, this fee shall serve as the first annual fee. If the submittal of this first annual fee does not coincide with the current fiscal year billing cycle, then the next, and only the next, fiscal year billing shall be adjusted to account for the payment of a full annual fee that accompanied the discharger's report of waste discharge. Persons proposing a material change in an existing discharge are not required to submit a fee with the report of waste discharge.

Note: Authority cited: Sections 185 and 1058 of the Water Code. Reference: Section 13260 of the Water Code.

Section 2200.3.

Failure to pay the annual fee is a misdemeanor and will result in the State Board or Regional Board seeking the collection of fees through the enforcement provisions provided pursuant to Water Code Section 13261.

Section 2200.4.

Any refund made pursuant to Water Code Section 13260(e) or for any other reason, shall withhold sufficient funds to cover actual staff time spent in reviewing the report of waste discharge, which shall be calculated using a rate of $100.00 per hour.

Note: Authority cited: Sections 185 and 1058 of the Water Code. Reference: Section 13260 of the Water Code.

Section 2200.5. No Exposure Certification.

Dischargers filing an application for a No Exposure Certification (NEC) shall pay a fee of $200 for each facility for which an application is submitted, as prescribed in a general industrial storm water permit. The fee shall be paid each time an application for initial certification or renewal is submitted. NEC fees are not subject to any surcharges.

Note: Authority cited: Sections 185 and 1058 of the Water Code. Reference: Section 13260.2 of the Water

Section 2200.6. Annual Agricultural and Irrigated Lands Fee Schedule.

(a) Annual fees for waste discharge requirements and waivers of waste discharge requirements for discharges from agricultural lands,[1] including irrigated lands, shall be as follows:

(1) Tier I: If a discharger is a member of a group that has been approved by the State Board to manage fee collection and payment, then the fee shall be $100 per group plus $0.75 per acre of land.

(2) Tier II: If a discharger is a member of a group that has been approved by the State Board but that does not manage fee collection and payment, then the fee shall be $100 per farm plus $1.27 per acre of land.

(3)(A) Tier III: If a discharger is not a member of a group that has been approved by the State Board, the following fee schedule applies:

Acres	Fee Rate	Min Fee	Max Fee
0-10	$404 + $13.50/Acre	$404	$539
11-100	$1,010 + $6.70/Acre	$1,084	$1,680
101-500	$2,692 + $3.40/Acre	$3,035	$4,392
501 or More	$5,384 + $2.70/Acre	$6,737	No Max Fee

(b) Upon approval by the Regional Board to join a group subject to waste discharge requirements or waivers of waste discharge requirements for discharges from agricultural lands, including irrigated lands, the discharger shall submit to the State Water Board an application fee, unless such fee is not required by the Regional Board. The application fee is a one-time fee of $200 for dischargers that have received a written request to submit an application or report of waste discharge, and $50 for all other dischargers. This application fee shall not apply to dischargers who were members of a group on or before June 30, 2008.

(c) For purposes of this section, the words "agricultural lands," "irrigated lands," "farm," and "discharger" have the meaning contained in the applicable Regional Board or State Board waste discharge requirements or waiver of waste discharge requirements for discharges from agricultural lands, including irrigated lands. These fees shall apply whether or not a regional board or the State Board has previously waived the payment of fees for the discharge of waste.

[1] As used in this section, the acreage on which the fee is based refers to the area that has been irrigated by the farmer or discharger at any time in the previous five years.

Note: Authority cited: Sections 185 and 1058 of the Water Code. Reference: Section 13269 of the Water Code.

2200.7 Annual Fee Schedule for Waivers of Waste Discharge Requirements.

(a) Any person for whom waste discharge requirements have been waived pursuant to Section 13269 of the Water Code shall submit an annual fee to the State Board if a fee is specified for the waiver in this section. These fees shall apply whether or not a regional board or the State Board has previously waived the payment of fees for the discharge of waste.

(b) [reserved]

Note: Authority cited: Sections 185 and 1058 of the Water Code. Reference: Section 13269 of the Water Code.

Construction Annual Fees by Acre

Note: Fee is based on the total acreage to be disturbed during the life of the project.
Partial Acreage rounded to nearest whole number.

Acres	FY 2014-15	Acres	FY 2014-15
0	$466	51	$2,836
1	$513	52	$2,882
2	$559	53	$2,929
3	$606	54	$2,975
4	$652	55	$3,022
5	$699	56	$3,068
6	$745	57	$3,115
7	$792	58	$3,161
8	$838	59	$3,208
9	$885	60	$3,254
10	$931	61	$3,301
11	$978	62	$3,347
12	$1,024	63	$3,393
13	$1,070	64	$3,440
14	$1,117	65	$3,486
15	$1,163	66	$3,533
16	$1,210	67	$3,579
17	$1,256	68	$3,626
18	$1,303	69	$3,672
19	$1,349	70	$3,719
20	$1,396	71	$3,765
21	$1,442	72	$3,812
22	$1,489	73	$3,858
23	$1,535	74	$3,905
24	$1,581	75	$3,951
25	$1,628	76	$3,997
26	$1,674	77	$4,044
27	$1,721	78	$4,090
28	$1,767	79	$4,137
29	$1,814	80	$4,183
30	$1,860	81	$4,230
31	$1,907	82	$4,276
32	$1,953	83	$4,323
33	$2,000	84	$4,369
34	$2,046	85	$4,416
35	$2,093	86	$4,462
36	$2,139	87	$4,509
37	$2,185	88	$4,555
38	$2,232	89	$4,601
39	$2,278	90	$4,648
40	$2,325	91	$4,694
41	$2,371	92	$4,741
42	$2,418	93	$4,787
43	$2,464	94	$4,834
44	$2,511	95	$4,880
45	$2,557	96	$4,927
46	$2,604	97	$4,973
47	$2,650	98	$5,020
48	$2,697	99	$5,066
49	$2,743	100	$5,113
50	$2,789	100+	$5,113

CALIFORNIA
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GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Francisco Bay Regional Water Quality Control Board

September 26, 2013
CIWQS Place No.: 718831 (EAC)

NOTICE: Regional Monitoring Program Dredger Fee Schedule Policy

Dear Regional Monitoring Program Dredging Participant:

On April 23, 2013, the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) Steering Committee, in collaboration with the San Francisco Estuary Institute (SFEI), the Regional Water Board, and the Bay Planning Coalition (BPC), approved the Dredger Fee Schedule for RMP Budget Years 2014-2016 (Attachment). This fee schedule is reviewed and revised as necessary every three years. It was last revised in 2010; no changes were made in 2013.

1) **Annual Fee Schedule**

This schedule applies only to the largest in-bay dredge disposal clients (see Table 1 in Attachment). The goal is to provide fiscal budgeting certainty to these clients. The annual fee is based on a five-year average of disposal volumes multiplied by a cost per cubic yard (cy) of dredged material. The RMP budget year 2014-2016 multiplier is $0.60/cy.

2) **Project-Based Fee Schedule**

The fee for all in-bay dredged disposal clients not listed in Table 1 will be based on a sliding fee-schedule (see Table 2 in Attachment). The RMP budget year 2014-2016 project-based fee rate remains the same as the 2004, 2007, and 2010 rates. The fees are based on in-bay dredge disposal volumes calculated using post-dredge survey results provided to the Regional Water Board and SFEI by the U.S. Army Corps of Engineers. If the post-dredge survey volumes for each fiscal year ending June 30 are not reported to the Regional Water Board by September 1 of the next fiscal year (same calendar year), RMP dredger participants will be billed based on reported bin volumes, which may overestimate the volume actually dredged.

Requirement for Monitoring Dredging Discharges and Participation in the RMP

The Regional Water Board requires anyone who discharges materials to the Bay, including disposal of dredged materials, to provide a technical monitoring report evaluating the impacts of the discharge pursuant to California Water Code (CWC) section 13267. This monitoring provides necessary information about ambient Bay water quality and potential long-term impacts of dredged material disposal.

Since 1992, many Bay Area dischargers have decided to provide this information through the RMP rather than through individual monitoring programs. SFEI, located in Richmond, administers the program with oversight by the Regional Water Board and the RMP Steering and Technical Review committees. BPC represents dredgers on the RMP Steering Committee. The Regional Water Board recognizes payments to the RMP as fulfilling requirements to provide information on water quality impacts under CWC section 13267. Satisfactory payments to the RMP shall be based on the RMP Dredger Fee Schedule Policy as approved by the RMP Steering Committee. Payments must be issued to the Regional Monitoring Program, c/o SFEI, 4911 Central Ave, Richmond, CA 94804.

If you have any questions, please contact Elizabeth Christian at (510) 622-2335, or, by email, at echristian@waterboards.ca.gov.

Sincerely,

Bruce Wolfe

Digitally signed by
Bruce H. Wolfe
Date: 2013.09.26
15:18:08 -07'00'

Bruce H. Wolfe
Executive Officer

Attachment: Approved RMP Dredger Fee Schedule for RMP Budget Years 2014-2016

cc: Lawrence Leung, San Francisco Estuary Institute

To: RMP Dredger Participants

From: RMP Program Managers (Jay Davis & Meg Sedlak)

Date: September 26, 2013

Subject: Approved RMP Dredger Fee Schedule for RMP Budget Years 2014-2016

Background

The RMP Steering Committee adopted a new Dredger Participant Fee Schedule Policy starting with RMP budget year 2005. The primary goal of the revised policy was to develop an equitable fee structure that would achieve the dredging group participation target of 17.5% of the total annual RMP participant fees. RMP dredger participants were divided into two fee-paying categories: Annual Fee participants and Project-Based Fee participants. All fees continue to be based on in-bay dredge disposal volumes calculated using annual (July 1 – June 30) post-dredge survey results provided to SFEI by the Regional Water Board and originally reported to the U.S. Army Corps of Engineers by dredge permit holders.

The average dredge disposal volume for the Annual Fee participants is recalculated every three years and the per-cubic yard (cy) multiplier may be adjusted for both the Annual and Project-based fees at that time with the goal of achieving the dredging group participation target of 17.5% as mentioned above. This memorandum presents the new volumes for RMP budget years 2014-2016 that were approved by the RMP Steering Committee on April 23, 2013[1].

Dredger Fee Schedule – Rates for RMP Budget years 2014 – 2016

Annual Fee Participants

Annual fees apply only to the five largest in-bay dredge disposal clients (Table 1). The rationale for separating these participants into a separate group was to provide fiscal budgeting certainty to these clients. The fees are based on a five-year average of disposal volumes multiplied by a cubic yard cost (2014-2016 multiplier is $0.60/cy). Annual Fee clients will be billed according to this fee schedule for RMP budget years 2014 through 2016.

The average dredge disposal volume for these clients is recalculated every three years and the per-cy multiplier may be adjusted at that time in accordance with RMP fee increases. The next calculation will be calculated in 2016, based on July 1, 2010, through June 30, 2015, dredge disposal volumes.

[1] SC approval from 2013-4-23: Item 4. Dredger Fees for 2014 to 2016

Table 1 - Annual Fee Rate for the 2014 – 2016 RMP Budget Years

	Fee Rate (Vol. x $0.60)
	5-yr Average (7/1/07-6/30/12) Dredge Disposal Volume (yd^3)
PORT OF SAN FRANCISCO	58,310
CHEVRON RICHMOND LONG WHARF	100,738
VALERO REFINERY TERMINAL	26,322
PHILLIPS 66 CO, RODEO TERMINAL	10,156
PORT OF OAKLAND	77,018
Total Avg Dredge Disposal Volume (cy)	272,544

Project-Based Fee Participants

The RMP fee for all in-bay dredged disposal clients not listed in Table 1 is based on a sliding fee-schedule (Table 2). The Project-Based fee schedule is updated every three years (on the same schedule as the Annual Fee participants) and the per-cy multiplier may be adjusted at that time.

Table 2 - Project Based Fee Rate for the 2014 – 2016 RMP Budget Years

Disposal Vol. Range (yd^3)	Fee Rate
< 2,499	$100 (base fee)
2,500 to 14,999	Vol. x $0.25
15,000 to 34,999	Vol. x $0.30
35,000 to 54,999	Vol. x $0.35
> 55,000	Vol. x $0.40

(3) The fees for discharges of dredge and fill material shall be as follows.[9]

STANDARD FEE			
Discharge Category	Application Fee[10]	Annual Active Discharge Fee[11]	Annual Post-Discharge Monitoring Fee[12]
(A) Fill and Excavation[13] Discharges Discharges will be assessed as the higher fee of "discharge length in feet" and "discharge area in acres." The size of the discharge area shall be rounded to two decimal places (0.01 acre = 436 square feet).	Discharge length in feet x $13.50 -or- Discharge area in acres x $5,670 whichever is higher, up to a maximum of $90,000. The minimum application fee is $600.	$600	$300

[9] i. For "excavation" the area of the discharge is the area of excavation; if the excavated material is then discharged to waters, an additional "fill" fee will be assessed.
ii. When a single project includes multiple discharges within a single dredge and fill fee category, the fee for that category shall be assessed based on the total area, volume, or length of discharge (as applicable) of the multiple discharges. When a single project includes discharges that are assessed under multiple standard fee categories, the total application fee shall be the sum of the application fees assessed under each applicable fee category; however only a single annual active discharge fee or annual post-discharge monitoring fee, if required, shall be assessed for the project. The single annual active discharge fee and the single annual post-discharge monitoring fee for the project shall be based on the higher of the applicable fee categories. Single projects qualifying for a special/flat fee or amended order fee shall only be assessed the applicable special/flat fee or amended order fee.
iii. Fees shall be based on the largest discharge size specified in the original or revised report of waste discharge or Clean Water Act (CWA) Section 401 water quality certification application, or as reduced by the applicant without any State Board or Regional Board intervention.
iv. If water quality certification is issued in conjunction with dredge or fill WDRs or is issued for a discharge regulated under such preexisting WDRs, the current annual WDR fee as derived from this dredge and fill fee schedule shall be paid in advance during the application for water quality certification, and shall comprise the fee for water quality certification.
v. Discharges requiring water quality certification and regulated under a federal permit or license other than a US Army Corps of Engineers CWA Section 404 permit or a Federal Energy Regulatory Commission License shall be assessed a fee determined from CCR 23, Section 2200(a).

[10] Dischargers shall pay a one-time application fee for each project at the time that the application or report of waste discharge is submitted. Notwithstanding section 2200.2, if discharges commence in a fiscal year other than the fiscal year in which the application or report of waste discharge is submitted, the application fee is in addition to the first annual active discharge fee for the project. If discharges commence in the same fiscal year as the application or report of waste discharge is submitted, the discharger shall pay only the greater of the application fee or the first annual active discharge fee. The application fee for category (A) fill and excavation discharges will be based on the discharger's estimate of project length and area. If, upon completion, the actual length or area is larger than the estimate, the discharger may receive an additional application fee invoice that is based on the actual project length and area, minus the application fee that was previously paid.

[11] Dischargers shall pay an annual active discharge fee each fiscal year or portion of a fiscal year during which discharges occur until the regional board or the State Board issues a Notice of Completion of Discharges Letter to the discharger. The annual active discharge fee for category (B) dredging discharges will be invoiced after the annual dredge volume has been determined.

[12] Dischargers shall pay an annual post-discharge monitoring fee each fiscal year or portion of a fiscal year commencing with the first fiscal year following the fiscal year in which the regional board or State Board issued a Notice of Completion of Discharges Letter to the discharger, but continued water quality monitoring or compensatory mitigation monitoring is required. Dischargers shall pay the annual post-discharge monitoring fee each fiscal year until the regional board or the State Board issues a Notice of Project Complete Letter to the discharger.

[13] "Excavation" refers to removing sediment or soil in shallow waters or under no-flow conditions where impacts to beneficial uses are best described by the area of the discharge. It typically is done for purposes other than navigation. Examples include trenching for utility lines, other earthwork preliminary to discharge, removing sediment to increase channel capacity, and other flood control and drainage maintenance activities (e.g., debris removal, vegetation management and removal, detention basin maintenance and erosion control of slopes along open channels and other drainage facilities).

Discharge Category	Application Fee[10]	Annual Active Discharge Fee[11]	Annual Post-Discharge Monitoring Fee[12]
(B) Dredging[14] Discharges (except Sand Mining-see (C) below) Dredge volume expressed in cubic yards.	$600	Annual dredge volume in cubic yards x $0.21, up to a project maximum of $90,000. The minimum annual active discharge fee is $600.	$300
SPECIAL/FLAT FEE			
Discharge Category	Application Fee[10]	Annual Active Discharge Fee[11]	Annual Post-Discharge Monitoring Fee[12]
(C) Sand Mining Dredging Discharges Aggregate extraction in marine waters where source material is free of pollutants and the dredging operation will not violate any basin plan provisions.	$600	$600	$300
(D) Ecological Restoration and Enhancement Projects Projects undertaken for the sole purpose of restoring or enhancing the beneficial uses of water. This schedule does not apply to projects required under a regulatory mandate or to projects that are not primarily intended for ecological restoration or enhancement, e.g., land development.	$200	$200	$100
(E) Low Impact Discharges Projects may be classified as low impact discharges if they meet all of the following criteria: 1. The discharge size is less than all of the following: (a) for fill, 0.1 acre, and 200 linear feet, and (b) for dredging, 25 cubic yards. 2. The discharger demonstrates that: (a) all practicable measures will be taken to avoid impacts; (b) where unavoidable temporary impacts take place, waters and vegetation will be restored to pre-project conditions as quickly as practicable; and (c) where unavoidable permanent impacts take place, there will be no net loss of wetland, riparian area, or headwater functions, including onsite habitat, habitat connectivity, floodwater retention, and pollutant removal. 3. The discharge will not do any of the following: (a) directly or indirectly destabilize a bed of a receiving water; (b) contribute to significant cumulative effects; (c) cause pollution, contamination, or nuisance; (d) adversely affect candidate, threatened, or endangered species; (e) degrade water quality or beneficial uses; (f) be toxic; or (g) include "hazardous" or "designated" material.	$200	N/A	N/A

[14] "Dredging" generally refers to removing sediment in deeper water to increase depth. The impacts to beneficial uses are best described by the volume of the discharge and typically occur to facilitate navigation. For fee purposes it also includes aggregate extraction within stream channels where the substrate is composed of course sediment (e.g., gravel) and is reshaped by normal winter flows (e.g., point bars), where natural flood disturbance precludes establishment of significant riparian vegetation, and where extraction timing, location and volume will not cause changes in channel structure (except as required by regulatory agencies for habitat improvement) or impair the ability of the channel to support beneficial uses.

SCHOOL FACILITY FEE JUSTIFICATION REPORT

FOR RESIDENTIAL, COMMERCIAL & INDUSTRIAL

DEVELOPMENT PROJECTS

for the

OAKLAND UNIFIED SCHOOL DISTRICT

December 2012

Prepared by
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EXECUTIVE SUMMARY

The Oakland Unified School District (District) is justified to collect the legal maximum fee of $3.20 per square foot of residential development as authorized by Government Code Section 65995 (Level I fees), as future residential development creates a school facility cost of $6.72 per square foot. The District is also justified to collect the legal maximum fee of $0.51 per square foot of development on all categories of commercial/industrial development (except rental self-storage), as those categories of development create school facility costs ranging from $1.93 to $8.28 per square foot of future development, even when fees from linked residential units are accounted for. Fees for new rental self-storage should be established on an individual case-by-case basis.

The District's justification for collecting fees on future residential and commercial/industrial development is based on the following facts and projections:

1. The District's current classroom facilities require substantial capital investments, estimated at approximately $1.5 billion, in order to provide ongoing improvement to support a Full Service Community School District that serves children, youth and their families. The District, therefore, does not have sufficient capacity to house students generated by future development.
2. Over a five-year period, future residential development is projected to create 1,714 students in the District. These students will require the District to provide ongoing capital facility improvement to support a Full Service Community School District for these students and their families.
3. Each square foot of future residential development creates an estimated school facilities cost of $6.72. All categories of commercial/industrial development (except rental self-storage) create an estimated school facilities cost ranging from $1.93 to $8.28 per square foot of commercial/industrial development, even when fees from linked residential units are accounted for.
4. If the District collects the current maximum fee on residential development authorized by Government Code Section 65995 of $3.20 per square foot, fee revenue will offset 47.6 percent of the school facility cost attributable to residential development. If the District collects the current maximum fee on commercial/industrial development authorized by Government Code Section 65995 of $0.51 per square foot, fee revenue will offset from 6.2 percent to 26.4 percent of the school facility cost attributable to commercial/industrial development (except rental self-storage). For both residential and commercial/industrial development, the fees authorized by Government Code Section 65995 are fully justified.

The fees outlined above all meet the requirements of Government Code Section 66001 (the nexus requirements), that is, a reasonable relationship exists between the amount and use of the fees and the developments on which they are charged.

INTRODUCTION

This Report analyzes the cost of providing school facilities for students generated by future residential and commercial/industrial development projects in the Oakland Unified School District (District). *School Facility Consultants* has been retained by the District to conduct the analysis and prepare this Report.

A. Purpose and Scope

The purpose of this Report is to show that the District meets pertinent requirements of State law regarding the collection of developer fees.

State law gives school districts the authority to charge fees on new residential and commercial/industrial developments if those developments generate additional students and cause a need for additional school facilities. Government Code Section 65995 authorizes school districts to collect fees on future development of no more than $3.20 per square foot for residential construction and $0.51 for commercial/industrial construction (Level I fees). Level I fees are adjusted every two years according to the inflation rate for Class B construction as determined by the State Allocation Board. Government Code Section 66001 requires that a reasonable relationship exist between the amount and use of the fees and the development on which the fees are to be charged.

This Report:

- Identifies the cost of providing school facilities for students generated by future residential and commercial/industrial development in order to justify the collection of fees on those developments, and
- Explains the relationship between the fees and the developments on which those fees are to be charged.

B. Brief Description of the Oakland Unified School District

The Oakland Unified School District is located in Alameda County. District boundaries may be seen in greater detail on maps available at the District Office.

The District currently serves over 46,500 students in grades K-12 and operates 63 elementary schools, 17 middle schools, five comprehensive high schools and numerous small learning communities.

Opportunities for new residential development exist in the District, and 6,255 new residential units are currently being considered for construction in the District over the next five years.

To accommodate this future residential development, the District plans to direct sustainable and efficient use of resources in support of Full Service Community Schools, facility modernizations, and seismic safety upgrades throughout the District.

C. Data Sources

The data sources for this Report are listed in below and referenced throughout the Report.

Data Sources

Data Type	Data Source
Residential development rates	County of Alameda; Alameda County Assessor Information (Metroscan Software Program); Oakland Unified School District (OUSD); Local development project information
Enrollment history	CBEDS
Pupil capacity of District schools	OUSD
Student generation rates for housing units	United States Census
Facility Plan and Cost	OUSD Facilities Master Plan 2012
Employees per square foot of commercial/industrial development	San Diego Association of Governments
Number of workers per household	United States Census

D. Outline of the Report

The Report is divided into six sections. The sections:

1. Identify the District's school facility needs over the next five years,
2. Calculate the financial impact on the District of future residential and commercial/industrial developments,
3. Compare the projected revenues from developer fees to the costs of providing facilities for students generated by future developments,
4. Show that the District satisfies the requirements of Government Code Section 66001 with respect to the collection of developer fees,
5. Summarize other potential funding sources for school facilities and
6. Present recommendations regarding the collection of developer fees.

End of Section

I. DISTRICT FACILITY NEEDS

The District's current classroom facilities require substantial capital investments, estimated at approximately $1.5 billion, in order to provide ongoing improvement to support a Full Service Community School District that serves children, youth and their families.

In order to provide facilities for students from future development, the District plans to direct sustainable and efficient use of resources in support of Full Service Community Schools, facility modernizations, and seismic safety upgrades throughout the District.

On May 23, 2012, the OUSD Governing Board adopted the 2012 Facilities Master Plan, which outlines the facility needs and strategic goals of the District over the next five to ten years. This plan focuses on capital improvements necessary to provide adequate student housing at existing District sites.

Through adoption of the 2012 Facilities Master Plan, the District has identified that adequate facilities do not exist within the district and, therefore, there is insufficient capacity available to house students generated by future development.

This condition exists regardless of the availability of classrooms to house students (including new development students), as substantial capital investment is required in the classroom facilities.

Specifically, the District has determined that additional investment in capital facility projects are needed to address current and future requirements in three key areas:

1. Full Service Community School Support
2. Seismic Safety Enhancements
3. Modernizations & Facility Upgrades

These three areas of focus are further divided into specific categories and projects within the overall Master Plan, which include, but are not limited to, the following types of construction activities:

- Support for innovative educational programs like STEM (Science Technology Engineering & Math) through enhancements to existing and future school buildings
- Information Technology
- Special Education
- Grade Reconfiguration and Expansions
- Portable Classroom Reductions
- Seismic Retrofit Implementation

- Accessibility Upgrades
- Heating/Ventilation/Air Conditioning Systems
- Roofing/Waterproofing
- Plumbing
- Electrical
- Site & Grounds Upgrades
- Solar & Energy Efficiency
- Nutrition Services

The District has identified that investment in these areas is necessary in order to meet the goals of the OUSD 2012 Facilities Master Plan.

End of Section

II. FINANCIAL IMPACT ON THE DISTRICT OF FUTURE RESIDENTIAL DEVELOPMENT

This Section quantifies how future residential development financially affects the District.

Future residential development will generate additional students in the District. As described in the previous section, adequate school facilities do not exist for these students. Future residential development, therefore, financially affects the District by generating a need for additional school facilities that the District must acquire at some cost. This section describes this cost in three ways: (1) dollars per K-12 student generated from future development, (2) dollars per housing unit and (3) dollars per square foot of future development.

In order to calculate the financial effects described above, the Report needs first to calculate the number of students that will live in a new housing unit and the per-pupil cost of providing school facilities for elementary, middle, and high school students.

A. Number of Students per New Housing Unit

The Report utilizes 2010 United States Census Data to calculate the Student Generation Rate (SGR) for the District.

Table 1-1 lists the student generation rates for the District.

Table 1-1
Student Generation Rates

Grade Group	Students per Residential Housing Unit
K-5	0.141
6-8	0.060
9-12	0.073
Total	**0.274**

B. Cost of Providing School Facilities

The per-pupil cost of providing school facilities for unhoused students is outlined in Table 1-1. The per-pupil facility cost models for the District's planned school facilities are based on estimated costs of projects at specific school sites that have been identified as part of the overall $1.5 billion investment called for in the District's Facility Master Plan over the next five to ten years.

Table 1-2
Per-Pupil Facility Costs for K-12 Students

Grade Group	Per Pupil Facility Cost for Students from Future Development
K-5	$31,711
6-8	$36,974
9-12	$34,017

C. Cost of Providing School Facilities per New K-12 Student Generated by Future Development

The Report determines the facility cost of a K-12 student generated by future development by calculating a weighted average of the facility costs for elementary, middle, and high school students.

The relative size of the three student generation rates for residential housing units tells us that 51.5 percent of students from new units will be elementary students, 21.9 percent will be middle school students, and 26.6 percent will be high school students. Multiplying the respective percentages by the appropriate Per-Pupil Facility Cost from Table 1-2 results in a weighted average facility cost for K-12 students from future residential development.

Table 1-3
Weighted Average School Facility Cost for a K-12 Student from Future Residential Development

Grade Group	Cost Per Pupil	Weighting Based on Student Generation Rate	Weighted Cost Per Pupil
K-5	$31,711	51.5%	$16,331
6-8	$36,974	21.9%	$8,097
9-12	$34,017	26.6%	$9,049
K-12	N/A	N/A	$33,477

D. Cost of Providing School Facilities per New Residential Housing Unit

Table 1-4 multiplies the total number of students per housing unit by the facility costs of K-12 students to calculate a $9,173 facility cost attributable to future residential housing units.

Table 1-4
School Facility Cost per New Housing Unit

K-12 Student Generation Rate	K-12 Per Pupil Facility Cost	Cost Per New Housing Unit
0.274	$33,477	$9,173

E. Cost of Providing School Facilities per Square Foot of Future Residential Development

This Report calculates the school facility cost per square foot of future development by dividing the cost per housing unit by the average square footage of housing units.

County of Alameda Assessor data accessed through the Metroscan software program indicates that the average square footage of residential units built between 2005 and 2009 was 1,366 square feet. As a result, this Report estimates that new housing units subject to a Level I fee will have an average square footage of 1,366 square feet.

Table 1-5 shows the school facility cost per square foot of new residential housing units.

Table 1-5
School Facility Cost Per Square Foot of Residential Development

Facility Cost Per Unit	Average Square Footage	Facility Cost Per Square Foot of Development
$9,173	1,366	$6.72

End of Section

III. REVENUE FROM FEES ON RESIDENTIAL DEVELOPMENT VERSUS COSTS OF SCHOOL FACILITIES

This Section compares the projected revenues from fees levied on future residential development to the school facility costs attributable to that development.

A. Fee Revenue from Future Residential Development

The District has identified 6,255 new residential units that have received City planning review/approval and that could be constructed within the next five years.

As stated in the previous section, the Report estimates that new residential units will average 1,366 square feet over the next five years.

If the District were to collect the maximum allowable Level I fee ($3.20) on residential development, the District would collect $27,341,856 in residential developer fees over a five-year projection period.

Table 1-6
Revenue from Residential Developer Fees

New Housing Units	Average Square Footage	Fee Amount	Revenues From Fees on New Housing Units
6,255	1,366	$3.20	$27,341,856

B. Fee Revenue from Additions to Existing Residences

Fees will also be generated by additions to existing residences. There is no firm basis for estimating the amount of additions to existing homes that may occur in any given year. This Report does not account for the total fee revenue collected from additions to existing residences. However, the fee revenue calculation for additions is the same as for new units. For example, additions totaling 40,000 square feet would generate $128,000 in fee revenue (40,000 times $3.20). Pursuant to Education Code Section 17620(a)(1)(C)(i), developer fees may be charged on residential additions "only if the resulting increase in assessable space exceeds 500 square feet."

C. Fee Revenue from Reconstruction and Redevelopment

Fees will also be generated by single- and multi-family units in redevelopment projects and single- and multi-family units that replace demolished units (to the extent that the new units are larger than the demolished units). There is no firm basis for estimating the amount of reconstruction and/or redevelopment of existing homes that may occur in any given year, so this Report does not account for the total fee revenue

collected for reconstruction and redevelopment. However, the fee revenue calculation for reconstruction and/or redevelopment is the same as for new units. For example, reconstruction and/or redevelopment totaling 50,000 square feet would generate $160,000 in fee revenue (50,000 times $3.20).

D. School Facility Costs Generated by Future Residential Development

The total school facility cost attributable to future development is calculated by multiplying the following two factors: (1) the number of new housing units and (2) the facility cost per new housing unit. Table 1-7 shows that the total school facility cost attributable to future development is $57,377,115.

Table 1-7
School Facility Cost Generated by Students from Future Development

New Units	Cost Per New Housing Unit	Total Cost
6,255	$9,173	$57,377,115

E. School Facility Costs Generated by Additions to Existing Residences

Additions to existing residences will have the same financial effect on the District as new residential units. For example, residential additions of 40,000 square feet will generate an additional eight students (assuming the student generation rate for additions is the same as for new residential units) and a school facilities cost to the District of $267,816 (eight students times a per-pupil facilities cost of $33,477). However, as with fee revenues generated by residential additions, this Report does not account for school facility costs generated by additions to existing residences.

F. School Facility Costs Generated by Reconstruction and Redevelopment

Reconstruction and redevelopment of existing homes will have the same financial effect on the District as new residential development. For example, reconstruction and/or redevelopment of 50,000 square feet will generate an additional 10 students (assuming the student generation rate for additions is the same as for new residential homes) and a school facilities cost to the District of $334,770 (10 students times a per pupil facilities cost of $33,477). As with fee revenues generated by reconstruction and/or redevelopment, this Report does not account for school facility costs generated by this type of work.

G. Extent of Mitigation of School Facility Costs Provided by Level I Residential Fees

Table 1-8 shows that $27,341,856 in total residential Level I fee revenue will cover only 47.6 percent of the $57,377,115 in total school facility costs attributable to residential development. Some of this shortfall may be recovered from fees on commercial development.

Table 1-8
Facility Cost of Residential Development Versus Fee Revenue

Total School Facility Costs	Total Revenues From Fees	Net Facility Cost to the District
$57,377,115	$27,341,856	$30,035,259

H. Senior Citizen Restricted Housing

As required by law, a lower fee, currently the commercial/industrial maximum of $0.51 per square foot, is established for certain types of residences that are restricted in occupancy to senior citizens. Housing of this type generates employees and has an indirect impact on the school district similar to that from commercial/industrial development projects.

End of Section

IV. FINANCIAL EFFECT ON THE DISTRICT OF NEW COMMERCIAL/INDUSTRIAL DEVELOPMENT

This Section analyzes the costs of providing school facilities for the students generated by new commercial/industrial development.

Commercial/industrial development will attract additional workers to the District, and, because some of those workers will have school-age children, will generate additional students in the District. As shown in Section I, adequate school facilities do not exist for these students. New commercial/industrial development, therefore, creates a fiscal impact to the District by generating a need for new school facilities.

The Report multiplies the following five factors together to calculate the school facility cost incurred by the District per square foot of new commercial/industrial development:

(1) Employees per square foot of new commercial/industrial development,
(2) Percent of employees in the District that also live in the District,
(3) Houses per employee,
(4) Students per house, and
(5) School facility cost per student.

The Report calculates each of these factors in the next sections.

A. Employees per Square Foot of Development

As permitted by State law, the Report uses results from a survey published by the San Diego Association of Governments (SanDAG) (see Appendix) to establish the number of employees per square foot of new commercial/industrial development projects.

(continued on the next page)

Table 1-9
Employees Per Square Foot of Commercial/Industrial Development, by Category

Commercial/Industrial Category	Average Square Foot per Employee	Employees per Average Square Foot
Banks	354	0.00283
Community Shopping Centers	652	0.00153
Neighborhood Shopping Centers	369	0.00271
Industrial Business Parks	284	0.00352
Industrial Parks	742	0.00135
Rental Self Storage	15,541	0.00006
Scientific Research & Development	329	0.00304
Lodging	882	0.00113
Standard Commercial Office	209	0.00479
Large High Rise Com. Office	232	0.00431
Corporate Offices	372	0.00269
Medical Offices	234	0.00427

Source: 1990 SanDAG Traffic Generators report.

B. Percentage of Employees Residing Within the District

U.S. Census data regarding travel time to work indicates that approximately 39 percent of people working in the District also live in the District.

C. Number of Households per Employee

U.S. Census data indicates that there are approximately 1.08 workers per household. Likewise, this data indicates that there are 0.92 housing units for every one worker. The Report therefore assumes that each new resident worker in the District will demand 0.92 housing units.

D. Number of Students per Dwelling Unit

As outlined in Section II.A., the Report assumes that 0.274 K-12 pupils will reside in each housing unit.

E. School Facility Cost per Pupil

As outlined in Section II.C., the Report estimates that the school facility cost per K-12 pupil is $33,477.

F. School Facility Cost per Square Foot of Commercial/Industrial Development

Table 1-10 calculates the school facility cost generated by a square foot of new commercial/industrial development for each of the categories of commercial/industrial projects listed in Table 1-9.

School facility costs for development projects not included on this list may be estimated by using the closest employee-per-square foot ratio available for the

proposed development or by following the District's administrative procedures for appeals of school facility fee imposition.

Table 1-10
Facility Cost Per Square Foot of Commercial/Industrial Development, by Category

Category	Employees per Square Foot	% Employees Residing in District	Dwelling Units per Employee	K-12 Students per Dwelling Unit	Cost per K-12 Student	Cost per Square Foot
Banks	0.00283	0.39	0.92	0.274	$33,477	$9.31
Community Shopping Centers	0.00153	0.39	0.92	0.274	$33,477	$5.04
Neighborhood Shopping Centers	0.00271	0.39	0.92	0.274	$33,477	$8.92
Industrial Business Parks	0.00352	0.39	0.92	0.274	$33,477	$11.58
Industrial Parks	0.00135	0.39	0.92	0.274	$33,477	$4.44
Rental Self-storage	0.00006	0.39	0.92	0.274	$33,477	$0.20
Scientific R&D	0.00304	0.39	0.92	0.274	$33,477	$10.01
Lodging	0.00113	0.39	0.92	0.274	$33,477	$3.72
Standard Com. Offices	0.00479	0.39	0.92	0.274	$33,477	$15.80
Large High Rise Com. Offices	0.00431	0.39	0.92	0.274	$33,477	$14.22
Corporate Offices	0.00269	0.39	0.92	0.274	$33,477	$8.85
Medical Offices	0.00427	0.39	0.92	0.274	$33,477	$14.05

The District is justified in collecting the Government Code maximum of $0.51 per square foot for all categories (except rental self-storage) of commercial/industrial development because these categories, on a per square foot basis, generate a school facility cost greater than the Government Code maximum of $0.51. Fee amounts for self-storage and other low-employee-generating businesses should be examined on a case-by-case basis.

G. Calculating School Facility Cost of Commercial/Industrial Development with Residential Fee Offset

A "residential fee offset" is calculated by (1) determining the number of homes that are associated with the employees generated by new commercial/industrial development and (2) calculating the residential fee revenues the District will collect from those homes (*note: the residential fee offset calculation assumes that all the homes associated with new employees are new homes; in reality, some new employees will live in existing homes*).

For purposes of calculating the residential fee offset, this Report estimates that the District will collect $3.20 per square foot of future residential development. Subtracting the residential fee offset from the total school facility cost generated by commercial/industrial development produces a discounted school facility cost that takes into account revenues from "linked" residential units.

Table 1-11 calculates the facility cost of new commercial/industrial development while taking into account the revenues from linked residential units.

Table 1-11
School Facility Cost of New Commercial/Industrial Development Discounted By Residential Fee Offset

Category	Dwelling Unit per Square Foot Com/Ind	Average Square Foot per Unit	District's Revenue per Square Foot Res. Dev.	Residential Offset per Com/Ind Square Foot	School Facility Cost per Square Foot Comm/Ind Development	Cost per Square Foot Less Offset
Banks	0.00102	1,366	$3.20	$4.46	$9.12	$4.66
Community Shopping Centers	0.00055	1,366	$3.20	$2.40	$4.93	$2.53
Neighborhood Shopping Centers	0.00097	1,366	$3.20	$4.24	$8.74	$4.50
Industrial Business Parks	0.00126	1,366	$3.20	$5.51	$11.35	$5.84
Industrial Parks	0.00048	1,366	$3.20	$2.10	$4.35	$2.25
Rental Self-storage	0.00002	1,366	$3.20	$0.09	$0.19	$0.10
Scientific R&D	0.00109	1,366	$3.20	$4.76	$9.80	$5.04
Lodging	0.00041	1,366	$3.20	$1.79	$3.64	$1.85
Standard Com. Offices	0.00172	1,366	$3.20	$7.52	$15.47	$7.95
Large High Rise Com. Offices	0.00155	1,366	$3.20	$6.78	$13.93	$7.15
Corporate Offices	0.00097	1,366	$3.20	$4.24	$8.67	$4.43
Medical Offices	0.00153	1,366	$3.20	$6.69	$13.76	$7.07

As the table shows, the school facility cost of all categories (except rental self-storage) is greater than the Government Code maximum of $0.51 per square foot even when that cost is discounted by revenues from linked residential units. This discounting most likely understates the true facility cost of commercial/industrial development, because 100% of new workers will not live in new homes.

For illustrative purposes, the Report will compare the school facility cost generated by 140,000 square feet of new community shopping center development to the fee revenue it will provide to the District. This analysis is valid, however, for all types of commercial/industrial development except rental self-storage.

If the District charges $0.51 per square foot of commercial/industrial development, it will collect $71,400 from the 140,000 square feet of community shopping center development. Assuming that all employees of the community shopping center development live in new homes, the District will also collect $335,948 in revenue from residential developer fees (140,000 square feet x 0.00153 employees per square foot x 39% employees that live in District x 0.92 housing units per employee x 1,366 square feet per housing unit x $3.20 revenue from developer fees). The 140,000 square feet of community shopping center development will create a school facilities cost of $705,600 (140,000 square feet x $5.04 school facility cost per square foot of community shopping center).

Table 1-12 compares the school facility costs generated by 140,000 square feet of community shopping center development to the fee revenues it provides to the District.

Table 1-12
Comparison of Facility Cost and Fee Revenue Generated by New Community Shopping Center Development

	Fee Revenues	Facility Costs	Total Revenues (Costs)
140,000 square feet of community shopping center development	$71,400	$705,600	($634,200)
New housing units associated with the development	$335,948	N/A	$335,948
Total	**$407,348**	**$705,600**	**($298,252)**

As the table shows, fee revenue from community shopping center development will cover only 57.7 percent of the school facility cost it generates, even when that cost is discounted by the revenues from linked new housing units.

All categories of commercial/industrial development (except self-storage) will generate more facility cost than fee revenue, because they all generate a facility cost greater than $0.51 per square foot even when fees from linked residential units are considered. Fee amounts for self-storage and other low employee generating businesses should be examined on a case-by-case basis.

End of Section

V. FINDINGS

This Section shows that the District meets the requirements of Government Code Section 66001 regarding the collection of developer fees and summarizes other potential funding sources for the District's capital projects.

A. Government Code Section 66001(a)(1)—Purpose of the Fee

The purpose of collecting fees on residential and commercial/industrial development is to acquire funds to construct or reconstruct school facilities for the students generated by new residential and commercial/industrial developments.

B. Government Code Section 66001(a)(2)—Use of the Fee

The District's use of the fee will involve constructing and/or reconstructing school campuses and/or additional permanent facilities on existing school campuses. In addition, the District may need to purchase or lease portable classrooms to use for interim housing while permanent facilities are being constructed.

Revenue from fees collected on residential and commercial/industrial development may be used to pay for any of the following:

(1) land (purchased or leased) for school facilities,
(2) design of school facilities,
(3) permit and plan checking fees,
(4) construction or reconstruction of school facilities,
(5) testing and inspection of school sites and school buildings,
(6) furniture for use in new school facilities,
(7) interim school facilities (purchased or leased) to house students generated by new development while permanent facilities are being constructed,
(8) legal and administrative costs associated with providing facilities to students generated by new development,
(9) administration of the collection of developer fees (including the costs of justifying the fees) and
(10) miscellaneous purposes resulting from student enrollment growth caused by new residential development.

C. Government Code Section 66001(a)(3)—Relationship Between the Fee's Use and the Type of Project Upon Which the Fee is Imposed

Future residential development will cause new families to move into the District and, consequently, will generate additional students in the District. As described in Section I of this Report, in order to provide facilities for students from future development, the District plans to direct sustainable and efficient use of resources in support of Full Service Community Schools, facility modernizations, and seismic

safety upgrades throughout the District. The fee's use (acquiring school facilities) is therefore reasonably related to the type of project (future residential development) upon which it is imposed.

New commercial/industrial development will cause new workers to move into the District. Because some of these workers will have school-age children, commercial/industrial development will also generate new students in the District. As described in Section I of this Report, in order to provide facilities for students from future development, the District plans to direct sustainable and efficient use of resources in support of Full Service Community Schools, facility modernizations, and seismic safety upgrades throughout the District. The fee's use (acquiring school facilities) is therefore reasonably related to the type of project (new commercial/industrial development) upon which it is imposed.

D. Government Code Section 66001(a)(4)—Relationship Between the Need for the Public Facility and the Type of Project Upon Which the Fee is Imposed

As described in Section I of this Report, the District's current classroom facilities require substantial capital investments in order to provide ongoing improvement to support a Full Service Community School District that serves children, youth and their families. The District, therefore, does not have sufficient existing capacity to house students generated by future development. Future residential and commercial/industrial development in the District will generate additional students and, consequently, a need for additional school facilities. A relationship exists, therefore, between the District's need to build additional school facilities and the construction of new residential and commercial/industrial development projects.

E. Government Code Section 66001(b)—Relationship Between the Fee and the Cost of the Public Facility Attributable to the Development on Which the Fee is Imposed

This Report demonstrates that the school facility costs attributable to future residential development is $6.72. Level I fees of $3.20 per square foot on residential development are therefore fully justified.

This Report also demonstrates that the school facility costs attributable to all categories of commercial/industrial development except rental self-storage range from $1.93 per square foot to $8.28 per square foot, even when fees from linked residential units are accounted for. Level I fees of $0.51 on these types of development are therefore fully justified. The school facility cost attributable to rental self-storage units is $0.10 per square foot when fees from linked residential units are accounted for. Fees for this type and other low-employee-generating types of development should be examined on a case-by-case basis.

All school facility costs and fees in this Report are calculated on a per-student basis to ensure that future developments only pay for impacts they cause.

On November 6, 2012, the District's voters passed Measure J authorizing $475 million in capital improvements. While this revenue is not yet available to the District, even after accounting for Measure J, the District's capital facility revenue is insufficient to mitigate the impact of new residential development.

F. Other Funding Sources

The following is a review of potential other funding sources for constructing school facilities.

1) General Fund

The District's General Fund budget is typically committed to instructional and day to day operating expenses and not used for capital outlay uses, as funds are needed solely to meet the District's non-facility needs.

2) State Programs

The District has been approved for eligibility for State funding for construction of new school facilities under the 1998 Leroy F. Greene School Facility Program. Even projects funded at 100 percent of the State allowance, however, often experience a shortfall between State funding and the District's actual facility needs. State funds for deferred maintenance may not be used to pay for new facilities. State law prohibits use of lottery funds for facilities.

3) General Obligation Bonds

School districts can, with the approval of two-thirds or 55 percent of its voters, issue general obligation bonds that are paid for out of property taxes. On November 6, 2012, the District's voters approved Measure J, a $475 million bond for school facilities.

4) Parcel Taxes

Approval by two-thirds of the voters is required to impose taxes that are not based on the assessed value of individual parcels. While these taxes have been occasionally used in school districts, the revenues are typically minor and are used to supplement operating budgets.

5) Mello-Roos Community Facilities Districts

This alternative uses a tax on property owners within a defined area to pay long-term bonds issued for specific public improvements. Mello-Roos taxes require approval from two-thirds of the voters (or land owners if fewer than 12) in an election.

6) Surplus Property

The District does not own any surplus property that could be used to finance additional school facilities.

7) Alternatives for Reducing Facility Costs

Alternatives to reducing facility costs that have been used and/or explored by the District include additional portable classrooms, joint use of facilities, multi-track-year-round education, and other measures. These options remain available to the District in the future.

End of Section

VI. RECOMMENDATIONS

This Report recommends that the District levy the statutory maximum fee authorized by Government Code Section 65995 on new residential development, up to $6.72 per square foot). The Report also recommends that the District levy the maximum fee as authorized by Government Code Section 65995 on all categories of commercial/industrial development except rental self-storage. Developer fees for this and other types of low-employee generating developments should be examined on a case-by-case basis.

These recommendations are based on the findings that residential and commercial/industrial development (except for rental self-storage) create a school facility cost for the District that is larger than the revenue generated by charging these fees.

End of Report

Appendix

Employee Statistics From
The San Diego Association of Governments
by Various Categories of Commercial/Industrial Development

Appendix

Employee Statistics From the San Diego Association of Governments by Various Categories of Commercial/Industrial Development

(from Traffic Generators Report January 1990)

	Employees	Total Sq. ft	Sq Ft / Employee	Employee Per Sq. ft
Banks				
Calif. First	57	13,400		
Southwest	11	3,128		
Mitsubishi	14	6,032		
Security Pacific	22	14,250		
Total	104	36,810		
Average	26	9,203	354	0.00283
Community Shopping Centers				
Rancho Bernardo Towne Center	273	139,545		
Plaza De Las Cuatro Banderas	227	186,222		
Rancho San Diego Village	N/A	N/A		
Total	500	325,767		
Average	250	162,884	652	0.00153
Neighborhood Shopping Centers				
Town and Country	217	70,390		
Tierrasanta II	87	49,080		
Palm Plaza	143	47,850		
Westwood Center	173	61,285		
Total	620	228,605		
Average	155	57,151	369	0.00271
Industrial Business Parks				
Convoy Ct / St. Parks	955	224,363		
Sorrento Valley Blvd. / Ct. Complexes	2,220	610,994		
Ronson Court	848	206,688		
Pioneer Industrial Project	N/A	N/A		
Sorrento Valley	N/A	N/A		
Torrey Business & Research	739	243,829		
Ridgehaven Court	823	213,449		
Ponderosa Avenue Industrial	245	158,983		
Total	5,830	1,658,306		
Average	972	276,384	284	0.00352

	Employees	Total Sq. ft	Sq Ft / Employee	Employee Per Sq. ft
Industrial Parks				
Sorrento West	725	614,922		
Roselle Street	761	500,346		
Stromesa Street	200	136,124		
Total	1,686	1,251,392		
Average	562	417,131	742	0.00135
Rental Self-Storage				
Poway Storage	2	32,000		
Lively Center	2	20,000		
Brandon Street Mini-Storage	2	31,348		
Melrose Mini-Storage	2	28,280		
Lock-It Lockers Storage	3	59,325		
Total	11	170,953		
Average	2	34,191	17,096	0.00006
Scientific Research and Development				
Johnson & Johnson Biotechnology Center	39	22,031		
IVAC Corporation	1,300	315,906		
TRW/LSI Products	350	145,192		
Nissan Design International	26	40,184		
Salk Institute	500	318,473		
S-Cubed Corporation	160	56,866		
Torrey Pines Science Park	2,333	649,614		
Total	4,708	1,548,266		
Average	673	221,181	329	0.00304
Lodging				
San Diego Hilton	139	223,689		
Hyatt Islandia	320	250,000		
La Jolla Village Inn	180	129,300		
Hanalei Hotel	310	267,000		
Vagabond Inn	12	22,548		
Fabulous Inn & E-Z8 Motel	92	92,731		
Vacation Village	234	151,134		
Total	1,287	1,136,402		
Average	184	162,343	882	0.00113

	Employees	Total Sq. ft	Sq Ft / Employee	Employee Per Sq. ft
Standard Commercial Office				
Industrial Indemnity Bldg.	170	34,300		
Beta Bldg.	110	29,400		
Park Camino Bldg.	299	55,500		
2181 E.C.R. Bldg.	47	10,000		
Camino Real Financial Center	23	6,300		
Total	649	135,500		
Average	130	27,100	208	0.00480
Large High Rise Com. Office				
Mission Valley Financial Center (Security Pacific)	900	185,600		
Lion Plaza Building	462	109,900		
Crossroads Limited Building (Crocker and Xerox)	512	138,900		
Total	1,874	434,400		
Average	625	144,800	232	0.00432
Corporate Offices				
Equitable Life	200	53,900		
Bank of America Processing Center	300	110,000		
Home Federal Processing Center	1,150	450,000		
Trade Services Publications	270	82,000		
IRT Corporation	210	89,500		
Earl Walls & Assoc.	43	15,000		
Four Winds International Headquarters	220	90,914		
Total	2,393	891,314		
Average	342	127,331	372	0.00269
Medical Offices				
Chula Vista Doctors' Park	108	24,000		
Parkway Medical Group	65	17,620		
Campus Medical-Dental Center	115	25,900		
Total	288	67,520		
Average	96	22,507	234	0.00427