

Stationary Sources Within 1,000 feet of 1700 Webster St Project

From BAAQMD's Diesel Internal Combustion (IC) Engine Distance Multiplier Tool, posted 6/12/12 (only generators have been distance-adjusted)

Data from BAAQMD Stationary Source Screening Tool, Alameda County 2012		Distance Multiplier (generators)			Distance-Adjusted Levels
		Distance from Project	Rounded Down For Multiplier	Distance adjustment multiplier	
Cancer, Sum of Stationary Sources					122
Hazard, Sum of Stationary Sources					0.28
PM25, Sum of Stationary Sources					0.115
Alameda_May_2012_schema:FID	430				
Alameda_May_2012_schema:PlantNo	18179				
Alameda_May_2012_schema:Name	Douglas Parking Company				
Alameda_May_2012_schema:Address	1721 WEBSTER STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564507				
Alameda_May_2012_schema:UTM_North	4184544				
Alameda_May_2012_schema:Cancer	No data				
Alameda_May_2012_schema:Hazard	No data				
Alameda_May_2012_schema:PM25	No data				
Alameda_May_2012_schema:FID	424				
Alameda_May_2012_schema:PlantNo	10397				
Alameda_May_2012_schema:Name	Le Magic Cleaners				
Alameda_May_2012_schema:Address	1706 FRANKLIN STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564464.477				
Alameda_May_2012_schema:UTM_North	4184440.917				
Alameda_May_2012_schema:Cancer	10.1				10.1
Alameda_May_2012_schema:Hazard	0.027				0.027
Alameda_May_2012_schema:PM25	0				0
Alameda_May_2012_schema:FID	378	593	590	0.09	
Alameda_May_2012_schema:PlantNo	14532				
Alameda_May_2012_schema:Name	AC Transit General Office				
Alameda_May_2012_schema:Address	1600 FRANKLIN STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564318.969				
Alameda_May_2012_schema:UTM_North	4184547.851				
Alameda_May_2012_schema:Cancer	41.12				3.7008
Alameda_May_2012_schema:Hazard	0.015				0.015
Alameda_May_2012_schema:PM25	0.073				0.00657
Alameda_May_2012_schema>Type	Generator				
Alameda_May_2012_schema:FID	371	645	590	0.09	
Alameda_May_2012_schema:PlantNo	13494				
Alameda_May_2012_schema:Name	Pacific Bell				
Alameda_May_2012_schema:Address	1587 FRANKLIN STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564307.983				
Alameda_May_2012_schema:UTM_North	4184544.921				
Alameda_May_2012_schema:Cancer	513.44				46.2096
Alameda_May_2012_schema:Hazard	0.183				0.183
Alameda_May_2012_schema:PM25	0.913				0.08217
Alameda_May_2012_schema>Type	Generator				

Data from BAAQMD Stationary Source Screening Tool, Alameda County 2012

Distance Multiplier (generators)

		Actual	Rounded Down For Multiplier	Distance adjustment multiplier	Distance-Adjusted Levels
Alameda_May_2012_schema:FID	489	308	295	0.25	
Alameda_May_2012_schema:PlantNo	20248				
Alameda_May_2012_schema:Name	CIM Group Properties				
Alameda_May_2012_schema:Address	1901 HARRISON STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564665				
Alameda_May_2012_schema:UTM_North	4184633				
Alameda_May_2012_schema:Cancer	No data				
Alameda_May_2012_schema:Hazard	No data				
Alameda_May_2012_schema:PM25	No data				
Alameda_May_2012_schema:Type	Generator				
Alameda_May_2012_schema:FID	270				
Alameda_May_2012_schema:PlantNo	13071				
Alameda_May_2012_schema:Name	Mark Borsuk Esq				
Alameda_May_2012_schema:Address	1432 HARRISON STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564442				
Alameda_May_2012_schema:UTM_North	4184282				
Alameda_May_2012_schema:Cancer	0				0
Alameda_May_2012_schema:Hazard	0				0
Alameda_May_2012_schema:PM25	0				0
Alameda_May_2012_schema:FID	541	614	590	0.09	
Alameda_May_2012_schema:PlantNo	19997				
Alameda_May_2012_schema:Name	Oakland Property, LLC				
Alameda_May_2012_schema:Address	1999 HARRISON STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564709				
Alameda_May_2012_schema:UTM_North	4184732				
Alameda_May_2012_schema:Cancer	No data				
Alameda_May_2012_schema:Hazard	No data				
Alameda_May_2012_schema:PM25	No data				
Alameda_May_2012_schema:Type	Generator				
Alameda_May_2012_schema:FID	500	486	459	0.14	
Alameda_May_2012_schema:PlantNo	14173				
Alameda_May_2012_schema:Name	Pacific Gas and Electric				
Alameda_May_2012_schema:Address	1919 WEBSTER STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564525.024				
Alameda_May_2012_schema:UTM_North	4184738.769				
Alameda_May_2012_schema:Cancer	29.36				4.1104
Alameda_May_2012_schema:Hazard	0.01				0.01
Alameda_May_2012_schema:PM25	0.052				0.00728
Alameda_May_2012_schema:Type	Generator				
Alameda_May_2012_schema:FID	519				
Alameda_May_2012_schema:PlantNo	G11348				
Alameda_May_2012_schema:Name	Kaiser Permanente				
Alameda_May_2012_schema:Address	1950 Franklin Street				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564655				
Alameda_May_2012_schema:UTM_North	4184774				
Alameda_May_2012_schema:Cancer	na				
Alameda_May_2012_schema:Hazard	na				
Alameda_May_2012_schema:PM25	na				

Data from BAAQMD Stationary Source Screening Tool, Alameda County 2012

Distance Multiplier (generators)

		Distance from Project			Distance-Adjusted Levels
		Actual	Rounded Down For Multiplier	Distance adjustment multiplier	
Alameda_May_2012_schema:FID	604				
Alameda_May_2012_schema:PlantNo	19514				
Alameda_May_2012_schema:Name	Oakland Center 21				
Alameda_May_2012_schema:Address	2101 WEBSTER STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564700				
Alameda_May_2012_schema:UTM_North	4184822				
Alameda_May_2012_schema:Cancer	54.7				54.7
Alameda_May_2012_schema:Hazard	0.019				0.019
Alameda_May_2012_schema:PM25	0.013				0.013
Alameda_May_2012_schema:FID	542	941	918	0.04	
Alameda_May_2012_schema:PlantNo	14711				
Alameda_May_2012_schema:Name	Verizon Business				
Alameda_May_2012_schema:Address	1999 HARRISON STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564685.119				
Alameda_May_2012_schema:UTM_North	4184821.777				
Alameda_May_2012_schema:Cancer	19.65				0.786
Alameda_May_2012_schema:Hazard	0.007				0.007
Alameda_May_2012_schema:PM25	0.005				0.0002
Alameda_May_2012_schema:Type	Generator				
Alameda_May_2012_schema:FID	1128	908	853	0.05	
Alameda_May_2012_schema:PlantNo	18668				
Alameda_May_2012_schema:Name	AT&T Corp				
Alameda_May_2012_schema:Address	344 20TH STREET				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564625				
Alameda_May_2012_schema:UTM_North	4184831.054				
Alameda_May_2012_schema:Cancer	49.64				2.482
Alameda_May_2012_schema:Hazard	0.018				0.018
Alameda_May_2012_schema:PM25	0.011				0.00055
Alameda_May_2012_schema:Type	Generator				
Alameda_May_2012_schema:FID	522				
Alameda_May_2012_schema:PlantNo	16802				
Alameda_May_2012_schema:Name	Sears, #1039				
Alameda_May_2012_schema:Address	1955 BROADWAY				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564400.024				
Alameda_May_2012_schema:UTM_North	4184799.804				
Alameda_May_2012_schema:Cancer	0				0
Alameda_May_2012_schema:Hazard	0				0
Alameda_May_2012_schema:PM25	0.005				0.005
Alameda_May_2012_schema:FID	1349				
Alameda_May_2012_schema:PlantNo	G9132				
Alameda_May_2012_schema:Name	Kaiser Foundation Health Plan				
Alameda_May_2012_schema:Address	410 19th Street				
Alameda_May_2012_schema:City	Oakland				
Alameda_May_2012_schema:UTM_East	564384				
Alameda_May_2012_schema:UTM_North	4184765				
Alameda_May_2012_schema:Cancer	na				
Alameda_May_2012_schema:Hazard	na				
Alameda_May_2012_schema:PM25	na				

Roadway Screening for 1700 Webster St Project

Roadways	Direction	AADT	Side of Road	Distance	Cancer Risk	PM 2.5
Telegraph Ave	NS	15600	E	940	1.31	0.026
Broadway	NS	14400	E	746	1.53	0.03
Franklin	NS	15500	E	368	2.93	0.057
Webster	NS	19800	E	20	19.21	0.377
Harrison	NS	32400	W	136	8.25	0.145
14th	EW	14300	N	924	1.24	0.022
Lakeside Drive /TLB Way	EW	39500	S	940	1.75	0.029
Sum of Roadways					36	0.686
Sum of Stationary Sources					122	0.115
Sum of all Screening Sources					158	0.801

NOTES:

There are no highways within 1,000 feet of the project site.

Cancer Risk and PM 2.5 concentrations are from BAAQMD's Roadway Screening Analysis Calculator, Alameda County, dated 4/16/15

Listed Roadways are those with 10k+ AADT within 1,000 feet of the project site.

AADT is from the CA Environmental Health Tracking Program as recommended by BAAQMD. http://www.ehib.org/traffic_tool.jsp, accessed 5/12/15

To scale by AADT: (Actual AADT/Screening AADT) x Screening Value = Actual Value

These numbers are over-estimated as they are not scaled by actual distance and do not factor in height of residential units.

The following figure shows the results of an AADT search performed using the CA Environmental Health Tracking Program, available at http://www.ehib.org/traffic_tool.jsp

"N" marker is the project location.
 The shaded circle shows a 1,000 foot radius.
 Numbers on roadway are the AADT.
 Roadways without a line and number are below 10,000 AADT.

*average annual daily traffic

