APPENDIX D.3-1

Construction Emissions Summary

Table 1

Construction Emissions Summary

PG&E: Egbert Switching Station Project

Construction Phase	Average Daily Emissions (lbs/day) [a]								
	ROG	CO	NOx	SOx	PM_{10} [b]	$PM_{2.5}$ [b]			
Project Emissions									
Construction Year 2020	3.09	33.42	35.37	0.09	3.79	1.98			
Construction Year 2021	2.44	27.85	24.38	0.06	3.22	1.64			
Construction Year 2022	0.13	1.42	1.54	0.01	0.46	0.16			
Maximum Average Daily Emissions (lbs/day)	**3.09**	**33.42**	**35.37**	**0.09**	**3.79**	**1.98**			
BAAQMD Significance Threshold (lbs/day)	**54**	**N/A**	**54**	**N/A**	**82**	**54**			
Maximum Average Daily Emissions (tons/day) [c]	**0.002**	**0.02**	**0.02**	**0.00005**	**0.002**	**0.001**			
Phase	**Emissions by Phase (lbs/phase) [d]**						**2020 Duration (Months)**	**2021 Duration (Months)**	**2022 Duration (Months)**
Transmission Line Construction									
Installation									
Mobilization	1.41	21.67	22.46	0.08	5.69	2.03	1	0	0
Manholes	59.54	730.92	648.26	1.90	104.77	45.70	6	0	0
Trenching [e]	843.65	9,337.07	7,628.59	17.11	794.46	482.19	7	8	0
Cable Installation and Splicing [f]	25.86	189.92	234.23	0.69	63.45	26.67	0	6	0
Inspectors	0.22	13.85	1.23	0.05	7.08	1.92	8	10	0
Truck Drivers	33.66	432.09	1,529.35	5.28	134.58	41.56	7	3	0
Trenchless Installation									
Bore Pit Excavation, Stage Equipment and Bore, Pull in Casing and Duct Bundle, Grouting Space Between Casing and Ducts, and Restoration	87.98	698.75	893.52	2.11	46.30	35.82	3	0	0
Truck Drivers	0.27	3.50	12.38	0.04	1.09	0.34	2	0	0
Transmission Line Construction Total	**1,052.6**	**11,427.8**	**10,970.0**	**27.3**	**1,157.4**	**636.2**			
2020 Total [g]	**566.57**	**6,120.76**	**6,207.73**	**15.84**	**625.95**	**338.84**			
2021 Total [g]	**486.03**	**5,307.01**	**4,762.30**	**11.43**	**531.46**	**297.37**			
2022 Total [g]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Switching Station Construction									
General Construction	3.22	173.51	24.38	0.73	89.96	24.67	9	10	0
Civil Site Preparation	11.92	138.83	332.71	1.08	42.54	16.82	2	0	0
Building Foundations, Excavation, and Install	20.94	241.65	302.17	0.78	31.75	16.15	3	0	0
Remaining Equipment Foundations	9.81	114.21	101.06	0.20	11.32	7.01	2	0	0
Ground Grid and Conduits	6.11	56.34	59.44	0.10	6.55	4.25	2	0	0
Building Delivery and Erection	39.90	283.27	466.53	0.67	31.00	21.52	2	1	0
Set Series and Shunt Reactors on Pads	2.58	13.39	30.77	0.04	1.98	1.35	0	1	0
Screen Walls	6.43	46.29	74.35	0.10	4.53	3.40	0	1	0
Install GIS Equipment and Wire [h]	29.20	542.65	327.39	1.16	85.62	33.05	0	7	0
Install GIS Equipment and Wire; Control Room and Batte	1.36	14.41	15.91	0.06	5.39	1.86	0	5	0
Testing and Commissioning	2.57	74.43	40.62	0.14	5.48	2.07	0	3	0
Exterior Walls, Final Grading, and Paving	10.25	120.33	110.75	0.22	12.29	7.42	0	3	0
Cleaning and Landscaping	4.94	58.32	52.88	0.11	6.44	3.72	0	1	0
Truck Drivers	1.02	13.05	46.20	0.16	4.07	1.26	6	0	0
Inspectors	0.31	19.22	1.71	0.07	9.82	2.67	9	10	0
Construction Trailers	0.00	0.00	0.00	0.00	0.00	0.00	12	12	0
Switching Station Construction Total	**150.56**	**1,909.90**	**1,986.87**	**5.63**	**348.75**	**147.23**			
2020 Total [g]	**78.07**	**844.23**	**1,164.96**	**3.15**	**164.16**	**72.79**			
2021 Total [g]	**72.49**	**1,065.67**	**821.91**	**2.48**	**184.59**	**74.43**			
2022 Total [g]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Substation-Remote Ends Construction									
General Construction	0.63	32.97	4.96	0.14	17.14	4.71	0	4	1
Martin Substation Series and Shunt Reactor Removal	7.07	62.53	83.80	0.21	16.18	6.23	0	2	1
Jefferson, Martin, and Embarcadero Indoor Work	0.13	8.08	0.73	0.03	3.82	1.04	0	2	0
Inspectors	0.02	1.31	0.12	0.01	0.67	0.18	0	2	1
Truck Drivers	0.08	1.08	3.81	0.01	0.34	0.10	0	1	1
Construction Trailers	0.00	0.00	0.00	0.00	0.00	0.00	0	12	12
Substation-Remote Ends Construction Total	**7.93**	**105.97**	**93.43**	**0.39**	**38.14**	**12.26**			
2020 Total [g]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
2021 Total [g]	**5.40**	**77.56**	**62.56**	**0.29**	**28.93**	**9.13**			
2022 Total [g]	**2.53**	**28.41**	**30.87**	**0.11**	**9.21**	**3.13**			

Notes:

N/A = Not Available (i.e., no significance threshold exists)

a To facilitate comparison to the BAAQMD's significance thresholds, the project's annual construction emissions were divided by the maximum number of days construction activity would occur during the year, as determined using the schedule depicted in Table 5, Preliminary Construction Schedule.

[b] PM_{10} and $PM_{2.5}$ emissions represent both exhaust and fugitive dust emissions, even though the BAAQMD's significance thresholds are specific to exhaust.

[c] Maximum average daily emissions are provided in units of tons/day to allow comparison against the regional emissions inventory for the San Francisco Bay Area Air Basin.

[d] Emissions presented are the sum of all emissions occurring within the construction phase, regardless of whether an activity is occurring sequentially or concurrently.

[e] 'Trenching' includes: Trenching Jefferson-Egbert and Martin-Egbert/Egbert-Embarcadero lines. Fugitive dust emissions associated with grading of a potential unpaved staging area are also conservatively

[f] 'Cable Installation and Splicing' includes: Cable Install Jefferson-Egbert and Martin-Egbert/Egbert-Embarcadero lines and Cable Splicing Jefferson-Egbert and Martin-Egbert/Egbert-Embarcadero lines.

g Emissions were allotted to specific years based on the schedule depicted in Table 5, Preliminary Construction Schedule.

[h] 'Install GIS Equipment and Wire' includes: Install GIS Equipment and Wire, Control Room and Battery Room Equipment, 230 kV Bus Work, 230 kV Cable Installation/Tie-in, and Dress/Test/Wire Equipment.

Table 2

Construction Emissions Summary with APMs AQ-1 and AQ-2

PG&E: Egbert Switching Station Project

Construction Phase	Average Daily Emissions (lbs/day) [a]								
	ROG	CO	NOx	SOx	PM_{10} [b]	$PM_{2.5}$ [b]			
Project Emissions									
Construction Year 2020	2.10	23.75	26.62	0.07	3.30	1.54			
Construction Year 2021	1.61	19.70	17.31	0.05	2.84	1.29			
Construction Year 2022	0.09	1.18	1.12	0.00	0.42	0.14			
Maximum Average Daily Emissions (lbs/day)	**2.10**	**23.75**	**26.62**	**0.07**	**3.30**	**1.54**			
BAAQMD Significance Threshold (lbs/day)	**54**	**N/A**	**54**	**N/A**	**82**	**54**			
Maximum Average Daily Emissions (tons/day) [c]	**0.001**	**0.01**	**0.01**	**0.00004**	**0.002**	**0.001**			
Phase	**Emissions by Phase (lbs/phase) [d]**						**2020 Duration (Months)**	**2021 Duration (Months)**	**2022 Duration (Months)**
Transmission Line Construction									
Installation									
Mobilization	1.20	19.39	20.35	0.08	5.55	1.90	1	0	0
Manholes	36.89	489.97	411.26	1.38	94.79	36.51	6	0	0
Trenching [e]	532.09	6,171.92	5,038.27	12.17	657.06	351.86	7	8	0
Cable Installation and Splicing [f]	16.66	155.36	148.11	0.57	57.84	21.50	0	6	0
Inspectors	0.22	13.85	1.23	0.05	7.08	1.92	8	10	0
Truck Drivers	33.66	432.09	1,529.35	5.28	134.58	41.56	7	3	0
Trenchless Installation									
Bore Pit Excavation, Stage Equipment and Bore, Pull in Casing and Duct Bundle, Grouting Space Between Casing and Ducts, and Restoration	62.93	516.82	653.22	1.60	36.54	26.52	3	0	0
Truck Drivers	0.27	3.50	12.38	0.04	1.09	0.34	2	0	0
Transmission Line Construction Total	**683.92**	**7,802.90**	**7,814.18**	**21.18**	**994.54**	**482.10**			
2020 Total [g]	**373.26**	**4,218.53**	**4,519.50**	**12.50**	**541.96**	**259.41**			
2021 Total [g]	**310.66**	**3,584.37**	**3,294.68**	**8.68**	**452.57**	**222.69**			
2022 Total [g]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Switching Station Construction									
General Construction	3.22	173.51	24.38	0.73	89.96	24.67	9	10	0
Civil Site Preparation	10.81	128.34	323.23	1.07	32.06	11.56	2	0	0
Building Foundations, Excavation, and Install	17.38	204.19	267.74	0.73	29.38	14.11	3	0	0
Remaining Equipment Foundations	7.91	93.53	81.97	0.17	10.12	5.91	2	0	0
Ground Grid and Conduits	4.93	46.26	48.48	0.09	5.80	3.56	2	0	0
Building Delivery and Erection	32.01	230.96	374.35	0.55	26.96	17.81	2	1	0
Set Series and Shunt Reactors on Pads	2.07	11.01	24.70	0.03	1.73	1.12	0	1	0
Screen Walls	5.16	37.51	59.69	0.09	3.87	2.78	0	1	0
Install GIS Equipment and Wire [h]	23.84	461.80	265.36	1.04	82.61	30.29	0	7	0
Install GIS Equipment and Wire; Control Room and Batte	1.13	13.35	13.22	0.06	5.28	1.76	0	5	0
Testing and Commissioning	2.10	61.30	32.89	0.12	5.31	1.91	0	3	0
Exterior Walls, Final Grading, and Paving	8.28	98.90	90.96	0.20	11.05	6.27	0	3	0
Cleaning and Landscaping	3.99	48.07	43.40	0.10	5.84	3.17	0	1	0
Truck Drivers	1.02	13.05	46.20	0.16	4.07	1.26	6	0	0
Inspectors	0.31	19.22	1.71	0.07	9.82	2.67	9	10	0
Construction Trailers	0.00	0.00	0.00	0.00	0.00	0.00	12	12	0
Switching Station Construction Total	**124.15**	**1,640.99**	**1,698.29**	**5.20**	**323.85**	**128.84**			
2020 Total [g]	**65.05**	**730.64**	**1,029.55**	**2.96**	**146.67**	**61.21**			
2021 Total [g]	**59.10**	**910.35**	**668.74**	**2.23**	**177.18**	**67.64**			
2022 Total [g]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Substation-Remote Ends Construction									
General Construction	0.63	32.97	4.96	0.14	17.14	4.71	0	4	1
Martin Substation Series and Shunt Reactor Removal	4.86	48.22	58.40	0.17	13.55	5.07	0	2	1
Jefferson, Martin, and Embarcadero Indoor Work	0.13	8.08	0.73	0.03	3.82	1.04	0	2	0
Inspectors	0.02	1.31	0.12	0.01	0.67	0.18	0	2	1
Truck Drivers	0.08	1.08	3.81	0.01	0.34	0.10	0	1	1
Construction Trailers	0.00	0.00	0.00	0.00	0.00	0.00	0	12	12
Substation-Remote Ends Construction Total	**5.72**	**91.67**	**68.02**	**0.36**	**35.51**	**11.11**			
2020 Total [g]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
2021 Total [g]	**3.93**	**68.02**	**45.62**	**0.27**	**27.17**	**8.36**			
2022 Total [g]	**1.79**	**23.64**	**22.40**	**0.09**	**8.33**	**2.75**			

Notes:

N/A = Not Available (i.e., no significance threshold exists)

a To facilitate comparison to the BAAQMD's significance thresholds, the project's annual construction emissions were divided by the maximum number of days construction activity would occur during the year, as determined using the schedule depicted in Table 5, Preliminary Construction Schedule.

[b] PM_{10} and $PM_{2.5}$ emissions represent both exhaust and fugitive dust emissions, even though the BAAQMD's significance thresholds are specific to exhaust.

[c] Maximum average daily emissions are provided in units of tons/day to allow comparison against the regional emissions inventory for the San Francisco Bay Area Air Basin.

[d] Emissions presented are the sum of all emissions occurring within the construction phase, regardless of whether an activity is occurring sequentially or concurrently.

[e] 'Trenching' includes: Trenching Jefferson-Egbert and Martin-Egbert/Egbert-Embarcadero lines. Fugitive dust emissions associated with grading of a potential unpaved staging area are also conservatively included.

[f] 'Cable Installation and Splicing' includes: Cable Install Jefferson-Egbert and Martin-Egbert/Egbert-Embarcadero lines and Cable Splicing Jefferson-Egbert and Martin-Egbert/Egbert-Embarcadero lines.

g Emissions were allotted to specific years based on the schedule depicted in Table 5, Preliminary Construction Schedule.

[h] 'Install GIS Equipment and Wire' includes: Install GIS Equipment and Wire, Control Room and Battery Room Equipment, 230 kV Bus Work, 230 kV Cable Installation/Tie-in, and Dress/Test/Wire Equipment.

Table 3
Construction GHG Emissions Summary
PG&E: Egbert Switching Station Project

Project Emissions		
Construction Year	**CO_2 Emissions (metric tons/year) [a]**	**CO_2e Emissions (metric tons/year) [a, b]**
Construction Year 2020	860.55	903.56
Construction Year 2021	630.09	661.56
Construction Year 2022	5.38	5.62
Maximum Annual Emissions	**860.55**	**903.56**
Project Total Emissions	**1,496.02**	**1,570.73**
30-Year Amortized Construction Emissions with Operation Emissions [c]	**N/A**	**179**
SCAQMD Significance Threshold	**N/A**	**10,000**

Emissions by Phase					
Construction Phase	**CO_2 Emissions (metric tons/phase) [d]**	**CO_2e Emissions (metric tons/phase) [b, d]**	**2020 Duration (Months)**	**2021 Duration (Months)**	**2022 Duration (Months)**
Transmission Line Construction					
Installation					
Mobilization	3.95	4.15	1	0	0
Manholes	83.82	88.01	6	0	0
Trenching [e]	753.08	790.73	7	8	0
Cable Installation and Splicing [f]	30.30	31.82	0	6	0
Inspectors	2.44	2.56	8	10	0
Truck Drivers	236.37	248.19	7	3	0
Trenchless Installation					
Bore Pit Excavation, Stage Equipment and Bore, Pull in Casing and Duct Bundle, Grouting Space Between Casing and Ducts, and Restoration	99.12	104.08	3	0	0
Truck Drivers	2.26	2.38	2	0	0
Transmission Line Construction Total	**1,211.35**	**1,271.91**			
2020 Total [g]	**707.13**	**742.49**			
2021 Total [g]	**504.21**	**529.42**			
2022 Total [g]	**0.00**	**0.00**			
Switching Station Construction					
General Construction	33.04	34.70	9	10	0
Civil Site Preparation	56.46	59.28	2	0	0
Building Foundations, Excavation, and Install	38.16	40.07	3	0	0
Remaining Equipment Foundations	8.84	9.28	2	0	0
Ground Grid and Conduits	4.67	4.90	2	0	0
Building Delivery and Erection	28.87	30.31	2	1	0
Set Series and Shunt Reactors on Pads	1.73	1.81	0	1	0
Screen Walls	4.50	4.73	0	1	0
Install GIS Equipment and Wire; Control Room and Battery R	51.11	53.66	0	7	0
Install and Test Oil Pump House, SSVTs	2.69	2.82	0	5	0
Testing and Commissioning	6.82	7.16	0	3	0
Exterior Walls, Final Grading, and Paving	10.98	11.53	0	3	0
Cleaning and Landscaping	5.09	5.34	0	1	0
Truck Drivers	8.44	8.86	6	0	0
Inspectors	3.38	3.55	9	10	0
Construction Trailers	0.71	0.71	12	12	0
Switching Station Construction Total	**265.48**	**278.72**			
2020 Total [g]	**153.42**	**161.07**			
2021 Total [g]	**112.06**	**117.65**			
2022 Total [g]	**0.00**	**0.00**			
Substation-Remote Ends Construction					
General Construction	6.37	6.69	0	4	1
Martin Substation Series and Shunt Reactor Removal	9.43	9.91	0	2	1
Jefferson, Martin, and Embarcadero Indoor Work	1.40	1.46	0	2	0
Inspectors	0.23	0.24	0	2	1
Truck Drivers	0.70	0.73	0	1	1
Construction Trailers	1.06	1.06	0	12	12
Substation-Remote Ends Construction Total	**19.19**	**20.10**			
2020 Total [g]	**0.00**	**0.00**			
2021 Total [g]	**13.82**	**14.48**			
2022 Total [g]	**5.38**	**5.62**			

Notes:

N/A = Not Available (i.e., no significance threshold exists)

[a] GHG emissions are evaluated on an annual basis. Therefore, emissions presented are the sum of all emissions occurring within a given year, regardless of whether an activity is occurring sequentially or concurrently during that year.
[b] Only carbon dioxide (CO_2) emission factors were available for all types of construction equipment utilized for this project. Emissions of methane (CH_4) and nitrous oxide (N_2O) from combustion sources are expected to be much lower than emissions of CO_2, contributing in the range of 2 to 4 percent of the total carbon dioxide equivalent (CO_2e)
[c] To facilitate comparison to the SCAQMD's significance threshold, the project's total construction emissions were divided by 30 years and added to the project's operation
[d] The emissions per phase are calculated based on the total duration of the construction phase, regardless of which month(s) or year(s) the phase occurs.
[e] 'Trenching' includes: Trenching Jefferson-Egbert, Martin-Egbert and Egbert-Embarcadero lines.
[f] 'Cable Installation and Splicing' includes: Cable Install Jefferson-Egbert, Martin-Egbert and Egbert-Embarcadero lines and Cable Splicing Jefferson-Egbert, Martin-Egbert and Egbert-Embarcadero lines.

g Emissions were allotted to specific years based on the schedule depicted in Table 5, Preliminary Construction Schedule.
[h] 'Install GIS Equipment and Wire' includes: Install GIS Equipment and Wire, Control Room and Battery Room Equipment, 230 kV Bus Work, 230 kV Cable Installation/Tie-in, and

Table 4
Construction GHG Emissions Summary with APM GHG-1
PG&E: Egbert Switching Station Project

Project Emissions with APM GHG-1		
Construction Year	**CO_2 Emissions (metric tons/year) [a]**	**CO_2e Emissions (metric tons/year) [a, b]**
Construction Year 2020	707.78	742.80
Construction Year 2021	500.62	525.25
Construction Year 2022	4.92	5.14
Maximum Annual Emissions	**707.78**	**742.80**
Project Total Emissions	**1,213.32**	**1,273.19**
30-Year Amortized Construction Emissions with Operation Emissions [c]	**N/A**	**106**
SCAQMD Significance Threshold	**N/A**	**10,000**

Emissions by Phase with APM GHG-1					
Construction Phase	**CO_2 Emissions (metric tons/phase) [d]**	**CO_2e Emissions (metric tons/phase) [b, d]**	**2020 Duration (Months)**	**2021 Duration (Months)**	**2022 Duration (Months)**
Transmission Line Construction					
Installation					
Mobilization	3.81	4.00	1	0	0
Manholes	61.50	64.57	6	0	0
Trenching [e]	541.99	569.09	7	8	0
Cable Installation and Splicing [f]	25.25	26.52	0	6	0
Inspectors	2.44	2.56	8	10	0
Truck Drivers	236.37	248.19	7	3	0
Trenchless Installation					
Bore Pit Excavation, Stage Equipment and Bore, Pull in Casing and Duct Bundle, Grouting Space Between Casing and Ducts, and Restoration	75.38	79.15	3	0	0
Truck Drivers	2.26	2.38	2	0	0
Transmission Line Construction Total	**949.00**	**996.45**			
2020 Total [g]	**562.42**	**590.54**			
2021 Total [g]	**386.58**	**405.91**			
2022 Total [g]	**0.00**	**0.00**			
Switching Station Construction					
General Construction	33.04	34.70	9	10	0
Civil Site Preparation	55.79	58.58	2	0	0
Building Foundations, Excavation, and Install	35.89	37.68	3	0	0
Remaining Equipment Foundations	7.60	7.98	2	0	0
Ground Grid and Conduits	4.06	4.27	2	0	0
Building Delivery and Erection	23.96	25.16	2	1	0
Set Series and Shunt Reactors on Pads	1.44	1.52	0	1	0
Screen Walls	3.71	3.90	0	1	0
Install GIS Equipment and Wire; Control Room and Battery	45.95	48.25	0	7	0
Install and Test Oil Pump House, SSVTs	2.56	2.69	0	5	0
Testing and Commissioning	5.94	6.24	0	3	0
Exterior Walls, Final Grading, and Paving	9.53	10.01	0	3	0
Cleaning and Landscaping	4.47	4.70	0	1	0
Truck Drivers	8.44	8.86	6	0	0
Inspectors	3.38	3.55	9	10	0
Construction Trailers	0.71	0.71	12	12	0
Switching Station Construction Total	**246.49**	**258.78**			
2020 Total [g]	**145.36**	**152.26**			
2021 Total [g]	**101.13**	**105.82**			
2022 Total [g]	**0.00**	**0.00**			
Substation-Remote Ends Construction					
General Construction	6.37	6.69	0	4	1
Martin Substation Series and Shunt Reactor Removal	8.07	8.47	0	2	1
Jefferson, Martin, and Embarcadero Indoor Work	1.40	1.46	0	2	0
Inspectors	0.23	0.24	0	2	1
Truck Drivers	0.70	0.73	0	1	1
Construction Trailers	1.06	1.06	0	12	12
Substation-Remote Ends Construction Total	**17.83**	**18.67**			
2020 Total [g]	**0.00**	**0.00**			
2021 Total [g]	**12.91**	**13.53**			
2022 Total [g]	**4.92**	**5.14**			

Notes:
N/A = Not Available (i.e., no significance threshold exists)
[a] GHG emissions are evaluated on an annual basis. Therefore, emissions presented are the sum of all emissions occurring within a given year, regardless of whether an activity is occurring sequentially or concurrently during that year.

[b] Only CO_2 emission factors were available for all types of construction equipment utilized for this project. Emissions of CH_4 and N_2O from combustion sources are expected to be much lower than emissions of CO_2, contributing in the range of 2 to 4 percent of the total CO_2e emissions (CARB, 2017e). Therefore, the CO_2 emissions were conservatively increased by 5 percent to calculate CO_2e emissions, accounting for the potential CH_4 and N_2O emissions associated with construction activities.

[c] To facilitate comparison to the SCAQMD's significance threshold, the project's total construction emissions were divided by 30 years and added to the project's operation emissions.
[d] The emissions per phase are calculated based on the total duration of the construction phase, regardless of which month(s) or year(s) the phase occurs.
[e] 'Trenching' includes: Trenching Jefferson-Egbert, Martin-Egbert and Egbert-Embarcadero lines.
[f] 'Cable Installation and Splicing' includes: Cable Install Jefferson-Egbert, Martin-Egbert and Egbert-Embarcadero lines and Cable Splicing Jefferson-Egbert, Martin-Egbert and Egbert-Embarcadero lines.
g Emissions were allotted to specific years based on the schedule depicted in Table 5, Preliminary Construction Schedule.
[h] 'Install GIS Equipment and Wire' includes: Install GIS Equipment and Wire, Control Room and Battery Room Equipment, 230 kV Bus Work, 230 kV Cable Installation/Tie-in, and Dress/Test/Wire Equipment.

Table 5

Preliminary Construction Schedule [a]

PG&E: Egbert Switching Station Project

Construction Phase	Duration (Days)	2020												2021												2022
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1
Transmission Line Construction																										
Installation																										
Mobilization	4					■																				
Manholes (Manhole Crew 1) [b]	120						■	■	■	■	■	■														
Trenching - Jefferson-Egbert (Civil Crew 1)	160						■	■	■	■	■	■	■	■												
Trenching - Jefferson-Egbert (Civil Crew 2)	220							■	■	■	■	■	■	■	■	■	■	■								
Trenching - Martin-Egbert/Egbert-Embarcadero (Civil Crew 1)	140														■	■	■	■	■	■	■					
Cable Install - Jefferson-Egbert (Electric Crew 1)	40																	■	■							
Cable Install - Martin-Egbert/Egbert-Embarcadero (Electric Crew 2)	15																					■				
Cable Splicing - Jefferson-Egbert (Splicing Crew 1)	65																			■	■	■				
Cable Splicing - Martin-Egbert/Egbert-Embarcadero (Splicing Crew 1)	25																						■			
Inspectors [c]	317					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			
Truck Drivers [c]	160						■	■	■	■	■	■	■	■	■	■										
Trenchless Installation	30																									
Bore Pit Excavation	10							■																		
Stage Equipment and Bore	10								■																	
Pull in Casing and Duct Bundle	5								■																	
Grouting Space Between Casing and Ducts	5								■																	
Restoration	10									■																
Truck Drivers [c]	20							■		■																
Switching Station Construction																										
General Construction	440				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			
Civil Site Preparation	25				■	■																				
Building Foundations, Excavation, and Install	60						■	■	■																	
Remaining Equipment Foundations	40									■	■															
Ground Grid and Conduits	20									■	■															
Building Delivery and Erection	60											■	■	■												
Set Series and Shunt Reactors on Pads	5														■											
Screen Walls	10														■											
Install GIS Equipment and Wire	120															■	■	■	■	■	■					
Control Room and Battery Room Equipment	100																■	■	■	■	■					
230 kV Bus Work	40																		■	■						
230 kV Cable Installation/Tie-in	20																			■	■	■				
Dress/Test/Wire Equipment	60																	■	■	■	■					
Install and Test Oil Pump House, SSVTs	40																■	■	■	■	■					
Testing and Commissioning	60																				■	■	■			
Exterior Walls, Final Grading, and Paving	47																				■	■	■			
Cleaning and Landscaping	20																					■				
Truck Drivers [c]	99				■	■	■	■	■	■																
Inspectors [c]	440				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			
Substation-Remote Ends Construction																										
General Construction	100																					■	■	■	■	■
Martin Substation Series and Shunt Reactor Removal	60																							■	■	■
Jefferson, Martin, and Embarcadero Indoor Work	40																					■	■			
Inspectors [c]	60																							■	■	■
Truck Drivers [c]	40																							■		■

Notes:

[a] This schedule depicts the periods during which construction activities could occur. It is expected that construction activities will actually occur intermittently within the identified periods. The final project construction schedule can only be determined once the Commission's staff issue a full Notice to Proceed, all applicant-proposed measures and any other environmental mitigation measures have been taken into account, materials needed for construction have been delivered and are ready for installation, and PG&E's contractors have mobilized and are ready to initiate construction.

[b] Twelve (12) manholes are to be completed at a rate of ten (10) days per manhole. Includes the excavation, install, and backfill. The manhole crew will consist of six (6) people.

[c] The durations of these construction phases were estimated based on durations of activities happening during the same time.

Table 6

Transmission Line Construction Emissions [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day	Miles per Day [b]	Emissions (lbs/day) [c] ROG	CO	NOx	SOx	PM_{10} [d]	$PM_{2.5}$ [d]	Emissions (metric tons/day) [c] CO_2	Emissions (lbs/phase) [c] ROG	CO	NOx	SOx	PM_{10} [d]	$PM_{2.5}$ [d]	Emissions (metric tons/phase) [c] CO_2
Installation																			
Mobilization																			
1500 Dodge Ram Pickup	Light-duty Truck	4	4	10	90	0.010	0.631	0.058	0.002	0.275	0.075	0.107	0.042	2.524	0.233	0.009	1.101	0.299	0.427
2500 Dodge Ram Pickup	Light-duty Truck	3	4	10	90	0.008	0.473	0.044	0.002	0.275	0.075	0.080	0.031	1.893	0.175	0.007	1.101	0.299	0.321
3500 Dodge Ram Pickup	Light-duty Truck	3	4	10	90	0.008	0.473	0.044	0.002	0.275	0.075	0.080	0.031	1.893	0.175	0.007	1.101	0.299	0.321
T 880 Kenworth Dump Truck	Heavy-duty Diesel	3	4	10	90	0.062	0.797	2.820	0.010	0.331	0.102	0.515	0.248	3.187	11.281	0.039	1.324	0.409	2.061
Volvo VNX 300 Tractor	Construction Equipment	1	4	10	--	0.262	2.850	2.631	0.004	0.166	0.153	0.171	1.048	11.398	10.526	0.016	0.665	0.611	0.682
Worker Commutes	Light-duty Auto/Truck	6	4	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.013	0.776	0.069	0.003	0.396	0.108	0.137
Manholes (1 Crew)																			
CAT 328 Excavator	Construction Equipment	1	120	5	--	0.151	0.955	1.732	0.004	0.052	0.048	0.183	18.150	114.617	207.887	0.513	6.255	5.742	21.948
CAT 928 Loader	Construction Equipment	1	120	5	--	0.144	1.824	1.418	0.003	0.072	0.066	0.125	17.337	218.841	170.177	0.352	8.598	7.893	14.945
JD 225 Excavator	Construction Equipment	1	120	5	--	0.154	2.055	1.517	0.003	0.073	0.068	0.143	18.462	246.633	182.090	0.400	8.791	8.152	17.121
RT 100 - Terex Rough Terrain Crane	Construction Equipment	1	10	5	--	0.269	2.228	3.235	0.004	0.130	0.119	0.180	2.688	22.281	32.349	0.042	1.298	1.189	1.795
2500 Dodge Ram Pickup	Light-duty Truck	2	120	10	110	0.006	0.386	0.036	0.001	0.168	0.046	0.065	0.766	46.265	4.279	0.173	20.182	5.487	7.835
3500 Dodge Ram Pickup	Light-duty Truck	2	120	10	110	0.006	0.386	0.036	0.001	0.168	0.046	0.065	0.766	46.265	4.279	0.173	20.182	5.487	7.835
T 880 Kenworth Dump Truck	Heavy-duty Diesel	1	120	5	6	0.001	0.018	0.063	0.000	0.202	0.062	0.011	0.166	2.125	7.521	0.026	24.268	7.493	1.374
Concrete Truck	Heavy-duty Diesel	2	30	8	60	0.028	0.354	1.253	0.004	0.110	0.034	0.229	0.828	10.625	37.605	0.130	3.309	1.022	6.869
Worker Commutes	Light-duty Auto/Truck	6	120	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.378	23.270	2.074	0.090	11.888	3.232	4.097
Trenching (2-3 Crews)																			
CAT 450 Backhoe	Construction Equipment	3	300	5	--	0.433	5.471	4.254	0.009	0.215	0.197	0.374	130.029	1641.309	1276.326	2.643	64.486	59.200	112.091
CAT 928 Loader	Construction Equipment	3	300	5	--	0.433	5.471	4.254	0.009	0.215	0.197	0.374	130.029	1641.309	1276.326	2.643	64.486	59.200	112.091
JD 225 Excavator	Construction Equipment	3	300	5	--	0.462	6.166	4.552	0.010	0.220	0.204	0.428	138.463	1849.745	1365.672	2.997	65.935	61.139	128.411
Doosan Air Compressor 185 CFM	Construction Equipment	3	300	5	--	0.605	4.578	4.210	0.007	0.277	0.277	0.319	181.629	1373.543	1262.857	2.229	83.200	83.200	95.747
T 880 Kenworth Dump Truck	Heavy-duty Diesel	3	300	5	6	0.004	0.053	0.188	0.001	0.017	0.005	0.034	1.241	15.937	56.407	0.195	4.964	1.533	10.303
1500 Dodge Ram Pickup	Light-duty Truck	3	300	10	110	0.010	0.578	0.053	0.002	0.034	0.014	0.098	2.874	173.493	16.045	0.649	10.102	4.183	29.381
2500 Dodge Ram Pickup	Light-duty Truck	3	300	10	110	0.010	0.578	0.053	0.002	0.252	0.069	0.098	2.874	173.493	16.045	0.649	75.683	20.578	29.381
3500 Dodge Ram Pickup	Light-duty Truck	3	300	5	6	0.001	0.032	0.003	0.000	0.252	0.069	0.005	0.157	9.463	0.875	0.035	75.683	20.578	1.603
Ingersoll Rand DD 24 Roller	Construction Equipment	1	300	5	--	0.124	0.633	0.608	0.001	0.303	0.094	0.032	37.236	190.002	182.330	0.201	91.004	28.100	9.592
Volvo VNX 300 Tractor	Construction Equipment	2	300	10	--	0.524	5.699	5.263	0.008	0.332	0.305	0.341	157.137	1709.745	1578.832	2.374	99.694	91.624	102.320
350 kW Generator	Construction Equipment	1	100	3	--	0.432	2.307	4.168	0.011	0.126	0.126	0.592	43.153	230.685	416.839	1.148	12.625	12.625	59.170
3500 Dodge Ram Pickup	Light-duty Truck	1	100	5	6	0.000	0.011	0.001	0.000	0.005	0.001	0.002	0.017	1.051	0.097	0.004	0.459	0.125	0.178
Welding Machine	Construction Equipment	1	100	3	--	0.128	0.663	0.589	0.001	0.033	0.033	0.035	12.828	66.262	58.924	0.096	3.258	3.258	3.529
Boom Truck	Heavy-duty Diesel	1	100	4	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.138	1.771	6.267	0.022	0.552	0.170	1.145
Concrete Truck	Heavy-duty Diesel	1	150	8	60	0.014	0.177	0.627	0.002	0.055	0.017	0.114	2.069	26.562	94.012	0.325	8.273	2.555	17.172
Fugitive Dust [e]	Truck Dumping/Loading	33,500	300	--	--	--	--	--	--	0.013	0.002	--	--	--	--	--	3.782	0.573	--
Fugitive Dust [f]	Grading	0.008	300	5	--	--	--	--	--	0.008	0.001	--	--	--	--	--	2.421	0.261	--
Fugitive Dust [g]	Grading	0.028	300	5	--	--	--	--	--	0.030	0.003	--	--	--	--	--	8.974	0.969	--
Worker Commutes	Light-duty Auto/Truck	24	300	--	21.6	0.013	0.776	0.069	0.003	0.396	0.108	0.137	3.776	232.702	20.736	0.905	118.880	32.316	40.966
Cable Installation & Splicing (2 Crews)																			
3500 Dodge Ram Pickup	Light-duty Truck	2	55	10	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.019	1.157	0.107	0.004	0.505	0.137	0.196
Semi Tractor	Construction Equipment	1	34	5	--	0.163	1.934	1.738	0.003	0.084	0.078	0.129	5.541	65.742	59.101	0.102	2.863	2.638	4.386
Cable Winch	Construction Equipment	1	55	5	--	0.147	0.124	1.339	0.002	0.098	0.090	0.070	8.090	6.840	73.660	0.091	5.369	4.934	3.867
1500 Dodge Ram Pickup	Light-duty Truck	2	90	10	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.031	1.893	0.175	0.007	0.826	0.224	0.321
Cable Reel Cart	Construction Equipment	1	55	5	--	0.147	0.124	1.339	0.002	0.098	0.090	0.070	8.090	6.840	73.660	0.091	5.369	4.934	3.867
2 kW Generator	Construction Equipment	1	90	10	--	0.028	0.155	0.197	0.000	0.009	0.009	0.011	2.542	13.953	17.770	0.031	0.834	0.834	1.014
Vacuum Truck	Heavy-duty Diesel	1	4	8	35	0.008	0.103	0.366	0.001	0.032	0.010	0.067	0.032	0.413	1.462	0.005	0.129	0.040	0.267
Worker Commutes	Light-duty Auto/Truck	32	90	--	21.6	0.017	1.034	0.092	0.004	0.528	0.144	0.182	1.510	93.081	8.294	0.362	47.552	12.927	16.386
Inspectors																			
Inspector Vehicles	Light-duty Auto/Truck	2	317	--	14.6	0.001	0.044	0.004	0.000	0.022	0.006	0.008	0.225	13.850	1.234	0.054	7.076	1.923	2.438
Truck Drivers																			
Material Haul Trucks	Heavy-duty Diesel	14	142	--	45.6	0.147	1.884	6.669	0.023	0.587	0.181	1.218	20.840	267.542	946.939	3.269	83.331	25.730	172.969
Long Haul Dump Truck	Heavy-duty Diesel	1	106	--	526	0.121	1.552	5.494	0.019	0.484	0.149	0.598	12.818	164.552	582.415	2.010	51.253	15.825	63.404

Table 6

Transmission Line Construction Emissions [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day	Miles per Day [b]	Emissions (lbs/day) [c] ROG	CO	NOx	SOx	PM_{10} [d]	$PM_{2.5}$ [d]	Emissions (metric tons/day) [c] CO_2	Emissions (lbs/phase) [c] ROG	CO	NOx	SOx	PM_{10} [d]	$PM_{2.5}$ [d]	Emissions (metric tons/phase) [c] CO_2
Trenchless Installation																			
Bore Pit Excavation, Stage Equipment and Bore, Pull in Casing and Duct Bundle, Grouting Space Between Casing and Ducts, and Restoration																			
Auger Boring Machine Equipped with Specialized Boring Unit or Open Face TBM	Construction Equipment	1	30	10	--	0.346	2.601	4.403	0.012	0.127	0.117	0.516	10.378	78.027	132.083	0.365	3.800	3.508	15.476
100-Ton Crane	Construction Equipment	1	30	4	--	0.227	1.058	2.696	0.003	0.111	0.102	0.127	6.805	31.730	80.872	0.089	3.332	3.066	3.802
CAT 345 Excavator	Construction Equipment	1	30	6	--	0.183	2.451	1.809	0.004	0.087	0.081	0.170	5.504	73.524	54.283	0.119	2.621	2.430	5.104
Air Compressor 175 cfs	Construction Equipment	1	30	5	--	0.202	1.526	1.403	0.002	0.092	0.092	0.106	6.054	45.785	42.095	0.074	2.773	2.773	3.192
T 880 Kenworth Dump Truck	Heavy-duty Diesel	3	30	5	6	0.004	0.053	0.188	0.001	0.017	0.005	0.034	0.124	1.594	5.641	0.019	0.496	0.153	1.030
1500 Dodge Ram Pickup	Light-duty Truck	3	30	10	110	0.010	0.578	0.053	0.002	0.252	0.069	0.098	0.287	17.349	1.605	0.065	7.568	2.058	2.938
350 kW Generator	Construction Equipment	1	30	8	--	1.151	6.152	11.116	0.031	0.337	0.337	1.578	34.522	184.548	333.471	0.918	10.100	10.100	47.336
3500 Dodge Ram Pickup	Light-duty Truck	1	30	5	6	0.000	0.011	0.001	0.000	0.005	0.001	0.002	0.005	0.315	0.029	0.001	0.138	0.037	0.053
Welding Machine	Construction Equipment	1	30	3	--	0.128	0.663	0.589	0.001	0.033	0.033	0.035	3.848	19.879	17.677	0.029	0.978	0.978	1.059
Pavement Saw Cutting Equipment	Construction Equipment	1	2	5	--	0.261	2.304	2.062	0.004	0.124	0.124	0.168	0.523	4.608	4.123	0.008	0.248	0.248	0.336
Semi Tractor	Construction Equipment	2	30	10	--	0.652	7.734	6.953	0.012	0.337	0.310	0.516	19.558	232.032	208.592	0.361	10.104	9.310	15.481
Concrete Truck	Heavy-duty Diesel	2	10	8	60	0.028	0.354	1.253	0.004	0.110	0.034	0.229	0.276	3.542	12.535	0.043	1.103	0.341	2.290
Fugitive Dust [e]	Truck Dumping/Loading	425	7	--	--	--	--	--	--	0.007	0.001	--	--	--	--	--	0.048	0.007	--
Fugitive Dust [f]	Grading	0.001	30	6	--	--	--	--	--	0.001	0.000	--	--	--	--	--	0.017	0.002	--
Worker Commutes	Light-duty Auto/Truck	6	30	--	21.6	0.0031	0.1939	0.0173	0.0008	0.0991	0.0269	0.034	0.094	5.818	0.518	0.023	2.972	0.808	1.0241
Truck Drivers																			
Material Haul Trucks	Heavy-duty Diesel	2	13	--	45.6	0.021	0.269	0.953	0.003	0.084	0.026	0.174	0.273	3.499	12.385	0.043	1.090	0.337	2.262

Notes:

-- = Parameter not required for computing emissions.

[a] Unless otherwise noted, equipment/vehicle list and daily use provided by PG&E.

[b] Mileage was based on the following assumptions:

1) Mileage for Worker Commutes for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the H-W trip length.

2) Mileage for onsite dump trucks and pick-up trucks provided by PG&E.

3) Mileage for Inspector Vehicles for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the C-NW trip length.

4) Mileage for Material Haul Trucks and Long Haul Dump Trucks based on travel to Ox Mountain Sanitary Landfill (22.8 miles one way from site) and Buttonwillow Landfill Facility (263 miles one way from site). PG&E estimates that there will be a total of 1,988 trips to Ox Mountain and 106 trips to Buttonwillow during the Installation phase, and 26 trips to Ox Mountain during the Trenchless Installation phase. These trucks will haul away 33,500 yd^3 of material offsite, 16 yd^3 per truck.

[c] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 metric ton =	1,000,000	g
1 ton =	2,000	lbs
1 yd^3 =	1.2641662	tons
Blade width of grading equipment =	12	ft
1 acre =	43,560	ft^2
1 mile =	5,280	ft

[d] PM_{10} and $PM_{2.5}$ emissions include paved road fugitive dust emissions associated with onroad travel.

[e] Fugitive Dust emissions from Truck Dumping/Loading activities are a result of trenching leading to the offhauling of excavated material. Volumes were provided by PG&E, as follows:

Activity	Volume (yd^3)	Comments
Trenching Volume	33,500	Associated with Manholes and Jefferson-Egbert, Martin-Egbert, and Embarcadero-Egbert lines.
Trenchless Volume	425	Associated with the Launching and Receiving Pits.

[f] Fugitive Dust emissions from Grading assume the following areas will be graded by the specified equipment during the specified construction activity, per PG&E guidance:

Activity	Area (ft^2)	Comments
CAT450 Backhoe during Trenching	99,425	Associated with Manholes and Jefferson-Egbert, Martin-Egbert, and Embarcadero-Egbert lines.
CAT 345 Excavator during Bore Pit Excavation	705	Associated with the Launching and Receiving Pits.

[g] Fugitive Dust emissions from Grading assume the following unpaved staging area may be graded by the specified equipment during the specified construction activity, per PG&E guidance. Although the use of this staging area is only being potentially considered, emissions associated with its area disturbance are conservatively being included for completeness.

Activity	Area (ft^2)	Comments
CAT450 Backhoe during Trenching	368,618	Associated with the unpaved staging area on Carter Street in Daly City.

Table 7

Transmission Line Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Miles per Day [c]	Emissions (lbs/day) [d]						Emissions (metric tons/day) [d]	Emissions (lbs/phase) [d]						Emissions (metric tons/phase) [d]
						ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2	ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2
Installation																			
Mobilization																			
1500 Dodge Ram Pickup	Light-duty Truck	4	4	8	90	0.010	0.631	0.058	0.002	0.275	0.075	0.107	0.042	2.524	0.233	0.009	1.101	0.299	0.427
2500 Dodge Ram Pickup	Light-duty Truck	3	4	8	90	0.008	0.473	0.044	0.002	0.275	0.075	0.080	0.031	1.893	0.175	0.007	1.101	0.299	0.321
3500 Dodge Ram Pickup	Light-duty Truck	3	4	8	90	0.008	0.473	0.044	0.002	0.275	0.075	0.080	0.031	1.893	0.175	0.007	1.101	0.299	0.321
T 880 Kenworth Dump Truck	Heavy-duty Diesel	3	4	8	90	0.062	0.797	2.820	0.010	0.331	0.102	0.515	0.248	3.187	11.281	0.039	1.324	0.409	2.061
Volvo VNX 300 Tractor	Construction Equipment	1	4	8	--	0.210	2.280	2.105	0.003	0.133	0.122	0.136	0.838	9.119	8.420	0.013	0.532	0.489	0.546
Worker Commutes	Light-duty Auto/Truck	6	4	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.013	0.776	0.069	0.003	0.396	0.108	0.137
Manholes (1 Crew)																			
CAT 328 Excavator	Construction Equipment	1	120	3	--	0.091	0.573	1.039	0.003	0.031	0.029	0.110	10.890	68.770	124.732	0.308	3.753	3.445	13.169
CAT 928 Loader	Construction Equipment	1	120	3	--	0.087	1.094	0.851	0.002	0.043	0.039	0.075	10.402	131.305	102.106	0.211	5.159	4.736	8.967
JD 225 Excavator	Construction Equipment	1	120	3	--	0.092	1.233	0.910	0.002	0.044	0.041	0.086	11.077	147.980	109.254	0.240	5.275	4.891	10.273
RT 100 - Terex Rough Terrain Crane	Construction Equipment	1	10	3	--	0.161	1.337	1.941	0.003	0.078	0.071	0.108	1.613	13.369	19.409	0.025	0.779	0.714	1.077
2500 Dodge Ram Pickup	Light-duty Truck	2	120	8	110	0.006	0.386	0.036	0.001	0.168	0.046	0.065	0.766	46.265	4.279	0.173	20.182	5.487	7.835
3500 Dodge Ram Pickup	Light-duty Truck	2	120	8	110	0.006	0.386	0.036	0.001	0.168	0.046	0.065	0.766	46.265	4.279	0.173	20.182	5.487	7.835
T 880 Kenworth Dump Truck	Heavy-duty Diesel	1	120	3	6	0.001	0.018	0.063	0.000	0.202	0.062	0.011	0.166	2.125	7.521	0.026	24.268	7.493	1.374
Concrete Truck	Heavy-duty Diesel	2	30	6	60	0.028	0.354	1.253	0.004	0.110	0.034	0.229	0.828	10.625	37.605	0.130	3.309	1.022	6.869
Worker Commutes	Light-duty Auto/Truck	6	120	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.378	23.270	2.074	0.090	11.888	3.232	4.097
Trenching (2-3 Crews)																			
CAT 450 Backhoe	Construction Equipment	3	300	3	--	0.260	3.283	2.553	0.005	0.129	0.118	0.224	78.017	984.786	765.795	1.586	38.691	35.520	67.255
CAT 928 Loader	Construction Equipment	3	300	3	--	0.260	3.283	2.553	0.005	0.129	0.118	0.224	78.017	984.786	765.795	1.586	38.691	35.520	67.255
JD 225 Excavator	Construction Equipment	3	300	3	--	0.277	3.699	2.731	0.006	0.132	0.122	0.257	83.078	1109.847	819.403	1.798	39.561	36.684	77.046
Doosan Air Compressor 185 CFM	Construction Equipment	3	300	3	--	0.363	2.747	2.526	0.004	0.166	0.166	0.191	108.977	824.126	757.714	1.337	49.920	49.920	57.448
T 880 Kenworth Dump Truck	Heavy-duty Diesel	3	300	3	6	0.004	0.053	0.188	0.001	0.017	0.005	0.034	1.241	15.937	56.407	0.195	4.964	1.533	10.303
1500 Dodge Ram Pickup	Light-duty Truck	3	300	8	110	0.010	0.578	0.053	0.002	0.034	0.014	0.098	2.874	173.493	16.045	0.649	10.102	4.183	29.381
2500 Dodge Ram Pickup	Light-duty Truck	3	300	8	110	0.010	0.578	0.053	0.002	0.252	0.069	0.098	2.874	173.493	16.045	0.649	75.683	20.578	29.381
3500 Dodge Ram Pickup	Light-duty Truck	3	300	3	6	0.001	0.032	0.003	0.000	0.252	0.069	0.005	0.157	9.463	0.875	0.035	75.683	20.578	1.603
Ingersoll Rand DD 24 Roller	Construction Equipment	1	300	3	--	0.074	0.380	0.365	0.000	0.303	0.094	0.019	22.342	114.001	109.398	0.121	91.004	28.100	5.755
Volvo VNX 300 Tractor	Construction Equipment	2	300	8	--	0.419	4.559	4.210	0.006	0.266	0.244	0.273	125.710	1367.796	1263.066	1.899	79.756	73.299	81.856
350 kW Generator	Construction Equipment	1	100	1	--	0.144	0.769	1.389	0.004	0.042	0.042	0.197	14.384	76.895	138.946	0.383	4.208	4.208	19.723
3500 Dodge Ram Pickup	Light-duty Truck	1	100	3	6	0.000	0.011	0.001	0.000	0.005	0.001	0.002	0.017	1.051	0.097	0.004	0.459	0.125	0.178
Welding Machine	Construction Equipment	1	100	1	--	0.043	0.221	0.196	0.000	0.011	0.011	0.012	4.276	22.087	19.641	0.032	1.086	1.086	1.176
Boom Truck	Heavy-duty Diesel	1	100	2	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.138	1.771	6.267	0.022	0.552	0.170	1.145
Concrete Truck	Heavy-duty Diesel	3	150	6	60	0.041	0.531	1.880	0.006	0.165	0.051	0.343	6.207	79.685	282.036	0.974	24.819	7.664	51.517
Fugitive Dust [f]	Truck Dumping/Loading	33,500	300	--	--	--	--	--	--	0.004	0.001	--	--	--	--	--	1.172	0.178	--
Fugitive Dust [g]	Grading	0.008	300	3	--	--	--	--	--	0.001	0.000	--	--	--	--	--	0.387	0.042	--
Fugitive Dust [h]	Grading	0.028	300	3	--	--	--	--	--	0.005	0.001	--	--	--	--	--	1.436	0.155	--
Worker Commutes	Light-duty Auto/Truck	24	300	--	21.6	0.013	0.776	0.069	0.003	0.396	0.108	0.137	3.776	232.702	20.736	0.905	118.880	32.316	40.966
Cable Installation & Splicing (2 Crews)																			
3500 Dodge Ram Pickup	Light-duty Truck	2	55	8	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.019	1.157	0.107	0.004	0.505	0.137	0.196
Semi Tractor	Construction Equipment	1	34	3	--	0.098	1.160	1.043	0.002	0.051	0.047	0.077	3.325	39.445	35.461	0.061	1.718	1.583	2.632
Cable Winch	Construction Equipment	1	55	3	--	0.088	0.075	0.804	0.001	0.059	0.054	0.042	4.854	4.104	44.196	0.054	3.222	2.960	2.320
1500 Dodge Ram Pickup	Light-duty Truck	2	90	8	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.031	1.893	0.175	0.007	0.826	0.224	0.321
Cable Reel Cart	Construction Equipment	1	55	3	--	0.088	0.075	0.804	0.001	0.059	0.054	0.042	4.854	4.104	44.196	0.054	3.222	2.960	2.320
2 kW Generator	Construction Equipment	1	90	8	--	0.023	0.124	0.158	0.000	0.007	0.007	0.009	2.034	11.163	14.216	0.025	0.667	0.667	0.811
Vacuum Truck	Heavy-duty Diesel	1	4	6	35	0.008	0.103	0.366	0.001	0.032	0.010	0.067	0.032	0.413	1.462	0.005	0.129	0.040	0.267
Worker Commutes	Light-duty Auto/Truck	32	90	--	21.6	0.017	1.034	0.092	0.004	0.528	0.144	0.182	1.510	93.081	8.294	0.362	47.552	12.927	16.386
Inspectors																			
Inspector Vehicles	Light-duty Auto/Truck	2	317	--	14.6	0.001	0.044	0.004	0.000	0.022	0.006	0.008	0.225	13.850	1.234	0.054	7.076	1.923	2.438
Truck Drivers																			
Material Haul Trucks	Heavy-duty Diesel	14	142	--	45.6	0.147	1.884	6.669	0.023	0.587	0.181	1.218	20.840	267.542	946.939	3.269	83.331	25.730	172.969
Long Haul Dump Truck	Heavy-duty Diesel	1	106	--	526	0.121	1.552	5.494	0.019	0.484	0.149	0.598	12.818	164.552	582.415	2.010	51.253	15.825	63.404

Table 7

Transmission Line Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Miles per Day [c]	Emissions (lbs/day) [d] ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	Emissions (metric tons/day) [d] CO_2	Emissions (lbs/phase) [d] ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	Emissions (metric tons/phase) [d] CO_2
Trenchless Installation																			
Bore Pit Excavation, Stage Equipment and Bore, Pull in Casing and Duct Bundle, Grouting Space Between Casing and Ducts, and Restoration																			
Auger Boring Machine Equipped with Specialized Boring Unit OR Open Face TBM	Construction Equipment	1	30	8	--	0.277	2.081	3.522	0.010	0.101	0.094	0.413	8.302	62.421	105.666	0.292	3.040	2.806	12.380
100-Ton Crane	Construction Equipment	1	30	2	--	0.113	0.529	1.348	0.001	0.056	0.051	0.063	3.403	15.865	40.436	0.044	1.666	1.533	1.901
CAT 345 Excavator	Construction Equipment	1	30	4	--	0.122	1.634	1.206	0.003	0.058	0.054	0.113	3.669	49.016	36.189	0.079	1.747	1.620	3.403
Air Compressor 175 cfs	Construction Equipment	1	30	3	--	0.121	0.916	0.842	0.001	0.055	0.055	0.064	3.633	27.471	25.257	0.045	1.664	1.664	1.915
T 880 Kenworth Dump Truck	Heavy-duty Diesel	3	30	3	6	0.004	0.053	0.188	0.001	0.017	0.005	0.034	0.124	1.594	5.641	0.019	0.496	0.153	1.030
1500 Dodge Ram Pickup	Light-duty Truck	3	30	8	110	0.010	0.578	0.053	0.002	0.252	0.069	0.098	0.287	17.349	1.605	0.065	7.568	2.058	2.938
350 kW Generator	Construction Equipment	1	30	6	--	0.863	4.614	8.337	0.023	0.252	0.252	1.183	25.892	138.411	250.104	0.689	7.575	7.575	35.502
3500 Dodge Ram Pickup	Light-duty Truck	1	30	3	6	0.000	0.011	0.001	0.000	0.005	0.001	0.002	0.005	0.315	0.029	0.001	0.138	0.037	0.053
Welding Machine	Construction Equipment	1	30	1	--	0.043	0.221	0.196	0.000	0.011	0.011	0.012	1.283	6.626	5.892	0.010	0.326	0.326	0.353
Pavement Saw Cutting Equipment	Construction Equipment	1	2	3	--	0.157	1.382	1.237	0.002	0.074	0.074	0.101	0.314	2.765	2.474	0.005	0.149	0.149	0.202
Semi Tractor	Construction Equipment	2	30	8	--	0.522	6.188	5.562	0.010	0.269	0.248	0.413	15.646	185.626	166.874	0.289	8.083	7.448	12.385
Concrete Truck	Heavy-duty Diesel	2	10	6	60	0.028	0.354	1.253	0.004	0.110	0.034	0.229	0.276	3.542	12.535	0.043	1.103	0.341	2.290
Fugitive Dust [f]	Truck Dumping/Loading	425	7	--	--	--	--	--	--	0.002	0.000	--	--	--	--	--	0.015	0.002	--
Fugitive Dust [g]	Grading	0.001	30	4	--	--	--	--	--	0.000	0.000	--	--	--	--	--	0.003	0.000	--
Worker Commutes	Light-duty Auto/Truck	6	30	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.094	5.818	0.518	0.023	2.972	0.808	1.024
Truck Drivers																			
Material Haul Trucks	Heavy-duty Diesel	2	13	--	45.6	0.021	0.269	0.953	0.003	0.084	0.026	0.174	0.273	3.499	12.385	0.043	1.090	0.337	2.262

Notes:

-- = Parameter not required for computing emissions.

[a] Unless otherwise noted, equipment/vehicle list and daily use provided by PG&E.

[b] Hours of operation for all construction equipment were reduced by 2 hours per day to minimize equipment idling time per APM AQ-2, Minimize Construction Exhaust Emissions, and APM GHG-1, Minimize GHG Emissions, which are described in Sections 3.3.4.2 and 3.7.4.2 of the Egbert Switching Station Project PEA. The other reduction measures of APMs AQ-2 and GHG-1 were not quantified as their extent of implementation is currently unknown.

[c] Mileage was based on the following assumptions:

1) Mileage for Worker Commutes for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the H-W trip length.

2) Mileage for onsite dump trucks and pick-up trucks provided by PG&E.

3) Mileage for Inspector Vehicles for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the C-NW trip length.

4) Mileage for Material Haul Trucks and Long Haul Dump Trucks based on travel to Ox Mountain Sanitary Landfill (22.8 miles one way from site) and Buttonwillow Landfill Facility (263 miles one way from site). PG&E estimates that there will be a total of 1,988 trips to Ox Mountain and 106 trips to Buttonwillow during the Installation phase, and 26 trips to Ox Mountain during the Trenchless Installation phase. These trucks will haul away 33,500 yd^3 of material offsite, 16 yd^3 per truck.

[d] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 metric ton =	1,000,000	g
1 ton =	2,000	lbs
1 yd^3 =	1.2641662	tons
Blade width of grading equipment =	12	ft
1 acre =	43,560	ft^2
1 mile =	5,280	ft

[e] PM_{10} and $PM_{2.5}$ emissions include paved road fugitive dust emissions associated with onroad travel.

[f] Fugitive Dust emissions from Truck Dumping/Loading activities are a result of trenching leading to the offhauling of excavated material and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA. Volumes were provided by PG&E, as

Activity	Volume (yd^3)	Comments
Trenching Volume	33,500	Associated with Manholes and Jefferson-Egbert, Martin-Egbert, and Embarcadero-Egbert lines.
Trenchless Volume	425	Associated with the Launching and Receiving Pits.

[g] Fugitive Dust emissions from Grading assume the following areas will be graded by the specified equipment during the specified construction activity, per PG&E guidance, and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA.

Activity	Area (ft^2)	Comments
CAT450 Backhoe during Trenching	99,425	Associated with Manholes and Jefferson-Egbert, Martin-Egbert, and Embarcadero-Egbert lines.
CAT 345 Excavator during Bore Pit Excavation	705	Associated with the Launching and Receiving Pits.

[h] Fugitive Dust emissions from Grading assume the following unpaved staging area may be graded by the specified equipment during the specified construction activity, per PG&E guidance, and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA. Although the use of this staging area is only being potentially considered, emissions associated with its area disturbance are conservatively being included for completeness.

Activity	Area (ft^2)	Comments
CAT450 Backhoe during Trenching	368,618	Associated with the unpaved staging area on Carter Street in Daly City.

Table 8

Switching Station Construction Emissions [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day	Usage per Day (%) [b]	Miles per Day [c]	Emissions (lbs/day) [d]						Emissions (metric tons/day) [d]	Emissions (lbs/phase) [d]						Emissions (metric tons/phase) [d]
							ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2	ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2
General Construction																				
Mechanics Truck	Medium-duty Diesel	1	440	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.447	2.862	9.169	0.063	2.779	0.973	3.002
Worker Commutes	Light-duty Auto/Truck	12	440	--	--	21.6	0.006	0.388	0.035	0.002	0.198	0.054	0.068	2.769	170.648	15.206	0.663	87.179	23.699	30.042
Civil Site Preparation																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	25	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.017	1.051	0.097	0.003	0.459	0.125	0.178
1-Ton Truck	Medium-duty Diesel	1	25	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.025	0.163	0.521	0.004	0.158	0.055	0.171
Crawler Backhoe	Construction Equipment	1	25	10	25%	--	0.065	0.712	0.658	0.001	0.042	0.038	0.043	1.637	17.810	16.446	0.025	1.038	0.954	1.066
Bulldozer	Construction Equipment	1	5	10	25%	--	0.065	0.712	0.658	0.001	0.042	0.038	0.043	0.327	3.562	3.289	0.005	0.208	0.191	0.213
Front Loader	Construction Equipment	1	15	10	25%	--	0.065	0.712	0.658	0.001	0.042	0.038	0.043	0.982	10.686	9.868	0.015	0.623	0.573	0.639
Short Haul Dump Truck	Heavy-duty Diesel	4	5	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.210	2.692	9.527	0.033	0.838	0.259	1.740
Long Haul Dump Truck	Heavy-duty Diesel	5	10	--	--	526	0.605	7.762	27.472	0.095	2.418	0.746	5.018	6.046	77.619	274.724	0.948	24.176	7.465	50.181
Compactor	Construction Equipment	1	15	10	25%	--	0.173	1.360	1.187	0.002	0.075	0.075	0.094	2.593	20.401	17.808	0.033	1.129	1.129	1.413
Worker Commutes	Light-duty Auto/Truck	6	25	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.079	4.848	0.432	0.019	2.477	0.673	0.853
Fugitive Dust [f]	Bulldozing	1	5	10	25%	--	--	--	--	--	1.882	1.034	--	--	--	--	--	9.410	5.172	--
Fugitive Dust [g]	Truck Dumping/Loading	1,700	25	--	--	--	--	--	--	--	0.008	0.001	--	--	--	--	--	0.192	0.029	--
Fugitive Dust [h]	Grading	0.07	25	10	25%	--	--	--	--	--	0.073	0.008	--	--	--	--	--	1.835	0.198	--
Building Foundations, Excavation, and Install																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	60	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.042	2.524	0.233	0.008	1.101	0.299	0.427
1-Ton Truck	Medium-duty Diesel	1	60	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.061	0.390	1.250	0.009	0.379	0.133	0.409
Crawler Backhoe	Construction Equipment	1	60	10	90%	--	0.236	2.565	2.368	0.004	0.150	0.137	0.153	14.142	153.877	142.095	0.214	8.973	8.246	9.209
Concrete Truck	Heavy-duty Diesel	14	15	--	--	4	0.013	0.165	0.585	0.002	0.051	0.016	0.107	0.193	2.479	8.774	0.030	0.772	0.238	1.603
Front Loader	Construction Equipment	1	60	10	10%	--	0.026	0.285	0.263	0.000	0.017	0.015	0.017	1.571	17.097	15.788	0.024	0.997	0.916	1.023
Short Haul Dump Truck	Heavy-duty Diesel	4	16	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.671	8.613	30.485	0.105	2.683	0.828	5.568
Long Haul Dump Truck	Heavy-duty Diesel	2	8	--	--	526	0.242	3.105	10.989	0.038	0.967	0.299	2.007	1.935	24.838	87.912	0.303	7.736	2.389	16.058
Compactor	Construction Equipment	1	60	10	5%	--	0.035	0.272	0.237	0.000	0.015	0.015	0.019	2.074	16.321	14.247	0.026	0.903	0.903	1.130
Worker Commutes	Light-duty Auto/Truck	8	60	--	--	21.6	0.004	0.259	0.023	0.001	0.132	0.036	0.046	0.252	15.513	1.382	0.060	7.925	2.154	2.731
Fugitive Dust [g]	Truck Dumping/Loading	2,500	60	--	--	--	--	--	--	--	0.005	0.001	--	--	--	--	--	0.282	0.043	--
Remaining Equipment Foundations																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	40	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.028	1.682	0.156	0.005	0.734	0.200	0.285
1-Ton Truck	Medium-duty Diesel	1	40	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.041	0.260	0.834	0.006	0.253	0.088	0.273
Crawler Backhoe	Construction Equipment	1	40	10	90%	--	0.236	2.565	2.368	0.004	0.150	0.137	0.153	9.428	102.585	94.730	0.142	5.982	5.497	6.139
Concrete Truck	Heavy-duty Diesel	1	3	--	--	4	0.001	0.012	0.042	0.000	0.004	0.001	0.008	0.003	0.035	0.125	0.000	0.011	0.003	0.023
Dump Truck	Heavy-duty Diesel	4	2	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.084	1.077	3.811	0.013	0.335	0.104	0.696
Compactor	Construction Equipment	1	3	10	5%	--	0.035	0.272	0.237	0.000	0.015	0.015	0.019	0.104	0.816	0.712	0.001	0.045	0.045	0.057
Worker Commutes	Light-duty Auto/Truck	6	40	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.126	7.757	0.691	0.030	3.963	1.077	1.366
Ground Grid and Conduits																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	20	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.014	0.841	0.078	0.003	0.367	0.100	0.142
1-Ton Truck	Medium-duty Diesel	1	20	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.020	0.130	0.417	0.003	0.126	0.044	0.136
Crawler Backhoe	Construction Equipment	1	20	10	50%	--	0.131	1.425	1.316	0.002	0.083	0.076	0.085	2.619	28.496	26.314	0.040	1.662	1.527	1.705
Trencher	Construction Equipment	1	20	10	25%	--	0.131	0.824	1.186	0.001	0.089	0.082	0.046	2.622	16.477	23.728	0.021	1.775	1.634	0.926
Dump Truck	Heavy-duty Diesel	4	2	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.084	1.077	3.811	0.013	0.335	0.104	0.696
Compactor	Construction Equipment	1	20	10	5%	--	0.035	0.272	0.237	0.000	0.015	0.015	0.019	0.691	5.440	4.749	0.009	0.301	0.301	0.377
Worker Commutes	Light-duty Auto/Truck	6	20	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.063	3.878	0.346	0.015	1.981	0.539	0.683
Building Delivery and Erection																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	60	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.021	1.262	0.117	0.004	0.550	0.150	0.214
Manlift	Construction Equipment	1	60	10	80%	--	0.040	1.094	0.644	0.002	0.014	0.013	0.074	2.377	65.654	38.618	0.103	0.868	0.785	4.426
Forklift	Construction Equipment	1	60	10	60%	--	0.108	0.885	0.973	0.001	0.073	0.067	0.050	6.484	53.111	58.387	0.071	4.351	3.998	3.022
Boom Truck	Heavy-duty Diesel	1	60	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.083	1.062	3.760	0.013	0.331	0.102	0.687
Mobile Crane	Construction Equipment	1	60	10	90%	--	0.510	2.380	6.065	0.007	0.250	0.230	0.285	30.624	142.784	363.922	0.399	14.993	13.797	17.109
Worker Commutes	Light-duty Auto/Truck	10	60	--	--	21.6	0.005	0.323	0.029	0.001	0.165	0.045	0.057	0.315	19.392	1.728	0.075	9.907	2.693	3.414
Set Series and Shunt Reactors on Pads																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	5	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.002	0.105	0.010	0.000	0.046	0.012	0.018
Boom Truck	Heavy-duty Diesel	1	5	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.007	0.089	0.313	0.001	0.028	0.009	0.057
Mobile Crane	Construction Equipment	1	5	10	90%	--	0.510	2.380	6.065	0.007	0.250	0.230	0.285	2.552	11.899	30.327	0.033	1.249	1.150	1.426
Worker Commutes	Light-duty Auto/Truck	8	5	--	--	21.6	0.004	0.259	0.023	0.001	0.132	0.036	0.046	0.021	1.293	0.115	0.005	0.660	0.180	0.228
Screen Walls																				
Rigging Truck	Heavy-duty Diesel	1	10	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.014	0.177	0.627	0.002	0.055	0.017	0.114
Forklift	Construction Equipment	1	10	10	80%	--	0.144	1.180	1.297	0.002	0.097	0.089	0.067	1.441	11.802	12.975	0.016	0.967	0.888	0.671
Manlift	Construction Equipment	1	10	10	80%	--	0.040	1.094	0.644	0.002	0.014	0.013	0.074	0.396	10.942	6.436	0.017	0.145	0.131	0.738
Mobile Crane	Construction Equipment	1	10	10	80%	--	0.454	2.115	5.391	0.006	0.222	0.204	0.253	4.537	21.153	53.914	0.059	2.221	2.044	2.535
1-Ton Truck	Medium-duty Diesel	1	10	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.010	0.065	0.208	0.001	0.063	0.022	0.068
3/4-Ton Pick-up Truck	Light-duty Truck	2	10	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.003	0.210	0.019	0.001	0.092	0.025	0.036
Worker Commutes	Light-duty Auto/Truck	6	10	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.031	1.939	0.173	0.008	0.991	0.269	0.341

Table 8

Switching Station Construction Emissions [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day	Usage per Day (%) [b]	Miles per Day [c]	Emissions (lbs/day) [d]						Emissions (metric tons/day) [d]	Emissions (lbs/phase) [d]						Emissions (metric tons/phase) [d]
							ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2	ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2
Install GIS Equipment and Wire; Control Room and Battery Room Equipment; 230 kV Bus Work; 230 kV Cable Installation/Tie-in; Dress/Test/Wire Equipment																				
Rigging Truck	Heavy-duty Diesel	1	10	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.014	0.177	0.627	0.002	0.055	0.017	0.114
Forklift	Construction Equipment	1	120	10	80%	--	0.144	1.180	1.297	0.002	0.097	0.089	0.067	17.291	141.629	155.698	0.188	11.603	10.661	8.057
Manlift	Construction Equipment	2	120	10	80%	--	0.079	2.188	1.287	0.003	0.029	0.026	0.148	9.507	262.615	154.470	0.413	3.472	3.141	17.703
Boom Truck	Heavy-duty Diesel	1	30	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.041	0.531	1.880	0.006	0.165	0.051	0.343
1-Ton Truck	Medium-duty Diesel	1	120	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.122	0.781	2.501	0.017	0.758	0.265	0.819
3/4-Ton Pick-up Truck	Light-duty Truck	4	120	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.084	5.047	0.467	0.016	2.202	0.599	0.855
Worker Commutes	Light-duty Auto/Truck	34	120	--	--	21.6	0.018	1.099	0.098	0.004	0.561	0.153	0.193	2.140	131.865	11.750	0.513	67.366	18.313	23.214
Install and Test Oil Pump House, SSVTs																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	40	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.014	0.841	0.078	0.003	0.367	0.100	0.142
1-Ton Truck	Medium-duty Diesel	2	40	--	--	6	0.002	0.013	0.042	0.000	0.013	0.004	0.014	0.081	0.520	1.667	0.012	0.505	0.177	0.546
Mobile Crane	Construction Equipment	1	40	10	5%	--	0.028	0.132	0.337	0.000	0.014	0.013	0.016	1.134	5.288	13.479	0.015	0.555	0.511	0.634
Worker Commutes	Light-duty Auto/Truck	6	40	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.126	7.757	0.691	0.030	3.963	1.077	1.366
Testing and Commissioning																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	60	--	--	6	0.000	0.011	0.001	0.000	0.005	0.001	0.004	0.010	0.631	0.058	0.002	0.275	0.075	0.214
1-Ton Truck	Medium-duty Diesel	2	60	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.014	0.061	0.390	1.250	0.009	0.379	0.133	0.819
Manlift	Construction Equipment	1	60	10	80%	--	0.040	1.094	0.644	0.002	0.014	0.013	0.074	2.377	65.654	38.618	0.103	0.868	0.785	4.426
Worker Commutes	Light-duty Auto/Truck	4	60	--	--	21.6	0.002	0.129	0.012	0.001	0.066	0.018	0.023	0.126	7.757	0.691	0.030	3.963	1.077	1.366
Exterior Walls, Final Grading, and Paving																				
2-Ton Flat Bed Truck	Heavy-duty Diesel	2	15	--	--	6	0.003	0.035	0.125	0.000	0.011	0.003	0.023	0.041	0.531	1.880	0.006	0.165	0.051	0.343
3/4-Ton Pick-up Truck	Light-duty Truck	2	47	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.016	0.988	0.091	0.003	0.431	0.117	0.167
Boom Truck	Heavy-duty Diesel	2	47	--	--	6	0.003	0.035	0.125	0.000	0.011	0.003	0.023	0.130	1.665	5.891	0.020	0.518	0.160	1.076
Small Backhoe	Construction Equipment	1	47	10	90%	--	0.210	2.280	2.105	0.003	0.133	0.122	0.153	9.847	107.144	98.940	0.149	6.248	5.742	7.214
Concrete Truck	Heavy-duty Diesel	15	5	--	--	4	0.014	0.177	0.627	0.002	0.055	0.017	0.114	0.069	0.885	3.134	0.011	0.276	0.085	0.572
Worker Commutes	Light-duty Auto/Truck	6	47	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.148	9.114	0.812	0.035	4.656	1.266	1.604
Cleanup and Landscaping																				
2-Ton Flat Bed Truck	Heavy-duty Diesel	2	20	--	--	6	0.003	0.035	0.125	0.000	0.011	0.003	0.023	0.055	0.708	2.507	0.009	0.221	0.068	0.458
3/4-Ton Pick-up Truck	Light-duty Truck	2	20	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.007	0.421	0.039	0.001	0.183	0.050	0.071
1-Ton Truck	Medium-duty Diesel	2	20	--	--	6	0.002	0.013	0.042	0.000	0.013	0.004	0.014	0.041	0.260	0.834	0.006	0.253	0.088	0.273
Small Backhoe	Construction Equipment	1	20	10	90%	--	0.236	2.565	2.368	0.004	0.150	0.137	0.153	4.714	51.292	47.365	0.071	2.991	2.749	3.070
Concrete Truck	Heavy-duty Diesel	2	20	--	--	4	0.002	0.024	0.084	0.000	0.007	0.002	0.015	0.037	0.472	1.671	0.006	0.147	0.045	0.305
Worker Commutes	Light-duty Auto/Truck	8	20	--	--	21.6	0.004	0.259	0.023	0.001	0.132	0.036	0.046	0.084	5.171	0.461	0.020	2.642	0.718	0.910
Truck Drivers																				
Material Haul Trucks	Heavy-duty Diesel	1	97	--	--	45.6	0.010	0.135	0.476	0.002	0.042	0.013	0.087	1.017	13.054	46.204	0.159	4.066	1.255	8.440
Inspectors																				
Inspector Vehicles	Light-duty Auto/Truck	2	440	--	--	14.6	0.001	0.044	0.004	0.000	0.022	0.006	0.008	0.312	19.224	1.713	0.075	9.821	2.670	3.384
Construction Trailers[i]	8 feet by 28 feet	2	730	--	--	--	--	--	--	--	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.71

Notes:

-- = Parameter not required for computing emissions.

[a] Unless otherwise noted, equipment/vehicle list and daily use provided by PG&E.

[b] Usage per Day is only necessary for the construction equipment which would operate on an hourly basis; vehicles would make specific trips each day per the assumptions noted below.

[c] Mileage was based on the following assumptions:

1) Mileage for Worker Commutes for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the H-W trip length.

2) Mileage for onsite service or construction vehicles and pick-up trucks provided by PG&E.

3) Mileage for Dump Trucks, Short Haul Dump Trucks, and Material Haul Trucks based on travel to Ox Mountain Sanitary Landfill (22.8 miles from site). PG&E estimates that there will be a total of 197 trips to Ox Mountain throughout the entire Switching Station construction timeframe.

4) Mileage for Long Haul Dump Trucks based on travel to Button Willow Clean Harbors.

5) Mileage for Concrete Trucks based on travel to Central Concrete at 450 Amador Street in San Francisco.

6) Mileage for Inspector Vehicles for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the C-NW trip length.

7) Mileage for Long Haul Dump Trucks base on travel to Buttonwillow Landfill Facility (263 miles from site). PG&E estimates that there will be a total of 66 trips to Buttonwillow throughout the entire Switching Station Construction timeframe.

[d] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 metric ton =	1,000,000	g
1 ton =	2,000	lbs
1 yd^3 =	1.2641662	tons
Blade width of grading equipment =	12	ft
1 acre =	43,560	ft^2
1 mile =	5,280	ft

[e] PM_{10} and $PM_{2.5}$ emissions include paved road fugitive dust emissions associated with onroad travel.

[f] Fugitive Dust emissions from Bulldozing are based on the hours of operation of the Bulldozer, consistent with methodology in Appendix A of the *CalEEMod User's Guide* (Environ, 2016).

[g] Fugitive Dust emissions from Truck Dumping/Loading activities are a result of trenching leading to the offhauling of excavated material. Volumes were provided by PG&E, as follows:

Activity	Volume (yd^3)
Site Grading/Soil Removal	1,700
Foundation/Pads	2,500

[h] Fugitive Dust emissions from Grading assume the Crawler Backhoe will grade up to 75,359 ft^2 during Civil Site Preparation, per PG&E guidance. This equates to approximately 0.07 acres graded per day.

[i] Construction trailer CO2 emissions based on electrical use of 5 kilowatt-hour/square foot/year electrical use from PG&E and PG&E's electrical system's CO2 emission rate of 349 lb CO2/MWh and assume trailers are in place for 2 years (https://www.pge.com/includes/docs/pdfs/shared/environment/calculator/pge_ghg_emission_factor_info_sheet.pdf).

Table 9

Switching Station Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Usage per Day (%) [c]	Miles per Day [d]	Emissions (lbs/day) [e]						Emissions (metric tons/day) [e]	Emissions (lbs/phase) [e]						Emissions (metric tons/phase) [e]
							ROG	CO	NOx	SOx	PM_{10} [f]	$PM_{2.5}$ [f]	CO_2	ROG	CO	NOx	SOx	PM_{10} [f]	$PM_{2.5}$ [f]	CO_2
General Construction																				
Mechanics Truck	Medium-duty Diesel	1	440	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.447	2.862	9.169	0.063	2.779	0.973	3.002
Worker Commutes	Light-duty Auto/Truck	12	440	--	--	21.6	0.006	0.388	0.035	0.002	0.198	0.054	0.068	2.769	170.648	15.206	0.663	87.179	23.699	30.042
Civil Site Preparation																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	25	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.017	1.051	0.097	0.003	0.459	0.125	0.178
1-Ton Truck	Medium-duty Diesel	1	25	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.025	0.163	0.521	0.004	0.158	0.055	0.171
Crawler Backhoe	Construction Equipment	1	25	8	25%	--	0.052	0.570	0.526	0.001	0.033	0.031	0.034	1.309	14.248	13.157	0.020	0.831	0.764	0.853
Bulldozer	Construction Equipment	1	5	8	25%	--	0.052	0.570	0.526	0.001	0.033	0.031	0.034	0.262	2.850	2.631	0.004	0.166	0.153	0.171
Front Loader	Construction Equipment	1	15	8	25%	--	0.052	0.570	0.526	0.001	0.033	0.031	0.034	0.786	8.549	7.894	0.012	0.498	0.458	0.512
Short Haul Dump Truck	Heavy-duty Diesel	4	5	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.210	2.692	9.527	0.033	0.838	0.259	1.740
Long Haul Dump Truck	Heavy-duty Diesel	5	10	--	--	526	0.605	7.762	27.472	0.095	2.418	0.746	5.018	6.046	77.619	274.724	0.948	24.176	7.465	50.181
Compactor	Construction Equipment	1	15	8	25%	--	0.138	1.088	0.950	0.002	0.060	0.060	0.075	2.074	16.321	14.247	0.026	0.903	0.903	1.130
Worker Commutes	Light-duty Auto/Truck	6	25	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.079	4.848	0.432	0.019	2.477	0.673	0.853
Fugitive Dust [g]	Bulldozing	1	5	8	25%	--	--	--	--	--	0.241	0.132	--	--	--	--	--	1.204	0.662	--
Fugitive Dust [h]	Truck Dumping/Loading	1,700	25	--	--	--	--	--	--	--	0.002	0.000	--	--	--	--	--	0.059	0.009	--
Fugitive Dust [i]	Grading	0.07	25	8	25%	--	--	--	--	--	0.012	0.001	--	--	--	--	--	0.294	0.032	--
Building Foundations, Excavation, and Install																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	60	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.042	2.524	0.233	0.008	1.101	0.299	0.427
1-Ton Truck	Medium-duty Diesel	1	60	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.061	0.390	1.250	0.009	0.379	0.133	0.409
Crawler Backhoe	Construction Equipment	1	60	8	90%	--	0.189	2.052	1.895	0.003	0.120	0.110	0.123	11.314	123.102	113.676	0.171	7.178	6.597	7.367
Concrete Truck	Heavy-duty Diesel	14	15	--	--	4	0.013	0.165	0.585	0.002	0.051	0.016	0.107	0.193	2.479	8.774	0.030	0.772	0.238	1.603
Front Loader	Construction Equipment	1	60	8	10%	--	0.021	0.228	0.211	0.000	0.013	0.012	0.014	1.257	13.678	12.631	0.019	0.798	0.733	0.819
Short Haul Dump Truck	Heavy-duty Diesel	4	16	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.671	8.613	30.485	0.105	2.683	0.828	5.568
Long Haul Dump Truck	Heavy-duty Diesel	2	8	--	--	526	0.242	3.105	10.989	0.038	0.967	0.299	2.007	1.935	24.838	87.912	0.303	7.736	2.389	16.058
Compactor	Construction Equipment	1	60	8	5%	--	0.028	0.218	0.190	0.000	0.012	0.012	0.015	1.659	13.057	11.397	0.021	0.723	0.723	0.904
Worker Commutes	Light-duty Auto/Truck	8	60	--	--	21.6	0.004	0.259	0.023	0.001	0.132	0.036	0.046	0.252	15.513	1.382	0.060	7.925	2.154	2.731
Fugitive Dust [h]	Truck Dumping/Loading	2,500	60	--	--	--	--	--	--	--	0.001	0.000	--	--	--	--	--	0.087	0.013	--
Remaining Equipment Foundations																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	40	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.028	1.682	0.156	0.005	0.734	0.200	0.285
1-Ton Truck	Medium-duty Diesel	1	40	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.041	0.260	0.834	0.006	0.253	0.088	0.273
Crawler Backhoe	Construction Equipment	1	40	8	90%	--	0.189	2.052	1.895	0.003	0.120	0.110	0.123	7.543	82.068	75.784	0.114	4.785	4.398	4.911
Concrete Truck	Heavy-duty Diesel	1	3	--	--	4	0.001	0.012	0.042	0.000	0.004	0.001	0.008	0.003	0.035	0.125	0.000	0.011	0.003	0.023
Dump Truck	Heavy-duty Diesel	4	2	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.084	1.077	3.811	0.013	0.335	0.104	0.696
Compactor	Construction Equipment	1	3	8	5%	--	0.028	0.218	0.190	0.000	0.012	0.012	0.015	0.083	0.653	0.570	0.001	0.036	0.036	0.045
Worker Commutes	Light-duty Auto/Truck	6	40	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.126	7.757	0.691	0.030	3.963	1.077	1.366
Ground Grid and Conduits																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	20	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.014	0.841	0.078	0.003	0.367	0.100	0.142
1-Ton Truck	Medium-duty Diesel	1	20	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.020	0.130	0.417	0.003	0.126	0.044	0.136
Crawler Backhoe	Construction Equipment	1	20	8	50%	--	0.105	1.140	1.053	0.002	0.066	0.061	0.068	2.095	22.797	21.051	0.032	1.329	1.222	1.364
Trencher	Construction Equipment	1	20	8	25%	--	0.105	0.659	0.949	0.001	0.071	0.065	0.037	2.098	13.181	18.982	0.017	1.420	1.307	0.741
Dump Truck	Heavy-duty Diesel	4	2	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.084	1.077	3.811	0.013	0.335	0.104	0.696
Compactor	Construction Equipment	1	20	8	5%	--	0.028	0.218	0.190	0.000	0.012	0.012	0.015	0.553	4.352	3.799	0.007	0.241	0.241	0.301
Worker Commutes	Light-duty Auto/Truck	6	20	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.063	3.878	0.346	0.015	1.981	0.539	0.683
Building Delivery and Erection																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	60	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.021	1.262	0.117	0.004	0.550	0.150	0.214
Manlift	Construction Equipment	1	60	8	80%	--	0.032	0.875	0.515	0.001	0.012	0.010	0.059	1.901	52.523	30.894	0.083	0.694	0.628	3.541
Forklift	Construction Equipment	1	60	8	60%	--	0.086	0.708	0.778	0.001	0.058	0.053	0.040	5.187	42.489	46.709	0.057	3.481	3.198	2.417
Boom Truck	Heavy-duty Diesel	1	60	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.083	1.062	3.760	0.013	0.331	0.102	0.687
Mobile Crane	Construction Equipment	1	60	8	90%	--	0.408	1.904	4.852	0.005	0.200	0.184	0.228	24.499	114.228	291.138	0.319	11.994	11.037	13.687
Worker Commutes	Light-duty Auto/Truck	10	60	--	--	21.6	0.005	0.323	0.029	0.001	0.165	0.045	0.057	0.315	19.392	1.728	0.075	9.907	2.693	3.414
Set Series and Shunt Reactors on Pads																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	5	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.002	0.105	0.010	0.000	0.046	0.012	0.018
Boom Truck	Heavy-duty Diesel	1	5	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.007	0.089	0.313	0.001	0.028	0.009	0.057
Mobile Crane	Construction Equipment	1	5	8	90%	--	0.408	1.904	4.852	0.005	0.200	0.184	0.228	2.042	9.519	24.261	0.027	1.000	0.920	1.141
Worker Commutes	Light-duty Auto/Truck	8	5	--	--	21.6	0.004	0.259	0.023	0.001	0.132	0.036	0.046	0.021	1.293	0.115	0.005	0.660	0.180	0.228
Screen Walls																				
Rigging Truck	Heavy-duty Diesel	1	10	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.014	0.177	0.627	0.002	0.055	0.017	0.114
Forklift	Construction Equipment	1	10	8	80%	--	0.115	0.944	1.038	0.001	0.077	0.071	0.054	1.153	9.442	10.380	0.013	0.774	0.711	0.537
Manlift	Construction Equipment	1	10	8	80%	--	0.032	0.875	0.515	0.001	0.012	0.010	0.059	0.317	8.754	5.149	0.014	0.116	0.105	0.590
Mobile Crane	Construction Equipment	1	10	8	80%	--	0.363	1.692	4.313	0.005	0.178	0.164	0.203	3.630	16.923	43.132	0.047	1.777	1.635	2.028
1-Ton Truck	Medium-duty Diesel	1	10	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.010	0.065	0.208	0.001	0.063	0.022	0.068
3/4-Ton Pick-up Truck	Light-duty Truck	2	10	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.003	0.210	0.019	0.001	0.092	0.025	0.036
Worker Commutes	Light-duty Auto/Truck	6	10	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.031	1.939	0.173	0.008	0.991	0.269	0.341

Table 9

Switching Station Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Usage per Day (%) [c]	Miles per Day [d]	Emissions (lbs/day) [e] ROG	CO	NOx	SOx	PM_{10} [f]	$PM_{2.5}$ [f]	Emissions (metric tons/day) [e] CO_2	Emissions (lbs/phase) [e] ROG	CO	NOx	SOx	PM_{10} [f]	$PM_{2.5}$ [f]	Emissions (metric tons/phase) [e] CO_2
Install GIS Equipment and Wire; Control Room and Battery Room Equipment; 230 kV Bus Work; 230 kV Cable Installation/Tie-in; Dress/Test/Wire Equipment																				
Rigging Truck	Heavy-duty Diesel	1	10	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.014	0.177	0.627	0.002	0.055	0.017	0.114
Forklift	Construction Equipment	1	120	8	80%	--	0.115	0.944	1.038	0.001	0.077	0.071	0.054	13.833	113.303	124.558	0.151	9.282	8.529	6.446
Manlift	Construction Equipment	2	120	8	80%	--	0.063	1.751	1.030	0.003	0.023	0.021	0.118	7.605	210.092	123.576	0.331	2.778	2.513	14.163
Boom Truck	Heavy-duty Diesel	1	30	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.041	0.531	1.880	0.006	0.165	0.051	0.343
1-Ton Truck	Medium-duty Diesel	1	120	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.122	0.781	2.501	0.017	0.758	0.265	0.819
3/4-Ton Pick-up Truck	Light-duty Truck	4	120	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.084	5.047	0.467	0.016	2.202	0.599	0.855
Worker Commutes	Light-duty Auto/Truck	34	120	--	--	21.6	0.018	1.099	0.098	0.004	0.561	0.153	0.193	2.140	131.865	11.750	0.513	67.366	18.313	23.214
Install and Test Oil Pump House, SSVTs																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	40	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.014	0.841	0.078	0.003	0.367	0.100	0.142
1-Ton Truck	Medium-duty Diesel	2	40	--	--	6	0.002	0.013	0.042	0.000	0.013	0.004	0.014	0.081	0.520	1.667	0.012	0.505	0.177	0.546
Mobile Crane	Construction Equipment	1	40	8	5%	--	0.023	0.106	0.270	0.000	0.011	0.010	0.013	0.907	4.231	10.783	0.012	0.444	0.409	0.507
Worker Commutes	Light-duty Auto/Truck	6	40	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.126	7.757	0.691	0.030	3.963	1.077	1.366
Testing and Commissioning																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	60	--	--	6	0.000	0.011	0.001	0.000	0.005	0.001	0.004	0.010	0.631	0.058	0.002	0.275	0.075	0.214
1-Ton Truck	Medium-duty Diesel	2	60	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.014	0.061	0.390	1.250	0.009	0.379	0.133	0.819
Manlift	Construction Equipment	1	60	8	80%	--	0.032	0.875	0.515	0.001	0.012	0.010	0.059	1.901	52.523	30.894	0.083	0.694	0.628	3.541
Worker Commutes	Light-duty Auto/Truck	4	60	--	--	21.6	0.002	0.129	0.012	0.001	0.066	0.018	0.023	0.126	7.757	0.691	0.030	3.963	1.077	1.366
Exterior Walls, Final Grading, and Paving																				
2-Ton Flat Bed Truck	Heavy-duty Diesel	2	15	--	--	6	0.003	0.035	0.125	0.000	0.011	0.003	0.023	0.041	0.531	1.880	0.006	0.165	0.051	0.343
3/4-Ton Pick-up Truck	Light-duty Truck	2	47	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.016	0.988	0.091	0.003	0.431	0.117	0.167
Boom Truck	Heavy-duty Diesel	2	47	--	--	6	0.003	0.035	0.125	0.000	0.011	0.003	0.023	0.130	1.665	5.891	0.020	0.518	0.160	1.076
Small Backhoe	Construction Equipment	1	47	8	90%	--	0.168	1.824	1.684	0.003	0.106	0.098	0.123	7.878	85.715	79.152	0.119	4.998	4.593	5.771
Concrete Truck	Heavy-duty Diesel	15	5	--	--	4	0.014	0.177	0.627	0.002	0.055	0.017	0.114	0.069	0.885	3.134	0.011	0.276	0.085	0.572
Worker Commutes	Light-duty Auto/Truck	6	47	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.148	9.114	0.812	0.035	4.656	1.266	1.604
Cleanup and Landscaping																				
2-Ton Flat Bed Truck	Heavy-duty Diesel	2	20	--	--	6	0.003	0.035	0.125	0.000	0.011	0.003	0.023	0.055	0.708	2.507	0.009	0.221	0.068	0.458
3/4-Ton Pick-up Truck	Light-duty Truck	2	20	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.007	0.421	0.039	0.001	0.183	0.050	0.071
1-Ton Truck	Medium-duty Diesel	2	20	--	--	6	0.002	0.013	0.042	0.000	0.013	0.004	0.014	0.041	0.260	0.834	0.006	0.253	0.088	0.273
Small Backhoe	Construction Equipment	1	20	8	90%	--	0.189	2.052	1.895	0.003	0.120	0.110	0.123	3.771	41.034	37.892	0.057	2.393	2.199	2.456
Concrete Truck	Heavy-duty Diesel	2	20	--	--	4	0.002	0.024	0.084	0.000	0.007	0.002	0.015	0.037	0.472	1.671	0.006	0.147	0.045	0.305
Worker Commutes	Light-duty Auto/Truck	8	20	--	--	21.6	0.004	0.259	0.023	0.001	0.132	0.036	0.046	0.084	5.171	0.461	0.020	2.642	0.718	0.910
Truck Drivers																				
Material Haul Trucks	Heavy-duty Diesel	1	97	--	--	45.6	0.010	0.135	0.476	0.002	0.042	0.013	0.087	1.017	13.054	46.204	0.159	4.066	1.255	8.440
Inspectors																				
Inspector Vehicles	Light-duty Auto/Truck	2	440	--	--	14.6	0.001	0.044	0.004	0.000	0.022	0.006	0.008	0.312	19.224	1.713	0.075	9.821	2.670	3.384
Construction Trailers[i]	8 feet by 28 feet	2	730	--	--	--	--	--	--	--	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.71

Notes:

-- = Parameter not required for computing emissions.

[a] Unless otherwise noted, equipment/vehicle list and daily use provided by PG&E.

[b] Hours of operation for all construction equipment were reduced by 2 hours per day to minimize equipment idling time per APM AQ-2, Minimize Construction Exhaust Emissions, and APM GHG-1, Minimize GHG Emissions, which are described in Sections 3.3.4.2 and 3.7.4.2 of the Egbert Switching Station Project PEA. The other reduction measures of APMs AQ-2 and GHG-1 were not quantified as their extent of implementation is currently unknown.

[c] Usage per Day is only necessary for the construction equipment which would operate on an hourly basis; vehicles would make specific trips each day per the assumptions noted below.

[d] Mileage was based on the following assumptions:

1) Mileage for Worker Commutes for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the H-W trip length.
2) Mileage for onsite service or construction vehicles and pick-up trucks provided by PG&E.
3) Mileage for Dump Trucks, Short Haul Dump Trucks, and Material Haul Trucks based on travel to Ox Mountain Sanitary Landfill (22.8 miles from site). PG&E estimates that there will be a total of 197 trips to Ox Mountain throughout the entire Switching Station construction timeframe.
4) Mileage for Long Haul Dump Trucks based on travel to Button Willow Clean Harbors.
5) Mileage for Concrete Trucks based on travel to Central Concrete at 450 Amador Street in San Francisco.
6) Mileage for Inspector Vehicles for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the C-NW trip length.
7) Mileage for Long Haul Dump Trucks base on travel to Buttonwillow Landfill Facility (263 miles from site). PG&E estimates that there will be a total of 66 trips to Buttonwillow throughout the entire Switching Station Construction timeframe.

[e] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 metric ton =	1,000,000	g
1 ton =	2,000	lbs
1 yd^3 =	1.2641662	tons
Blade width of grading equipment =	12	ft
1 acre =	43,560	ft^2
1 mile =	5,280	ft

[f] PM_{10} and $PM_{2.5}$ emissions include paved road fugitive dust emissions associated with onroad travel.

[g] Fugitive Dust emissions from Bulldozing are based on the hours of operation of the Bulldozer, consistent with methodology in Appendix A of the CalEEMod User's Guide (Environ, 2016) and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA.

[h] Fugitive Dust emissions from Truck Dumping/Loading activities are a result of trenching leading to the offhauling of excavated material and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA. Volumes were provided by PG&E, as follows:

Activity	Volume (yd^3)
Site Grading/Soil Removal	1,700
Foundation/Pads	2,500

[i] Fugitive Dust emissions from Grading assume the Crawler Backhoe will grade up to 75,359 ft^2 during Civil Site Preparation, per PG&E guidance, and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA. This equates to approximately 0.07 acres graded per day.

[j] Construction trailer CO2 emissions based on electrical use of 5 kilowatt-hour/square foot/year electrical use from PG&E and PG&E's electrical system's CO2 emission rate of 349 lb CO2/MWh and assume trailers are in place for 2 years (https://www.pge.com/includes/docs/pdfs/shared/environment/calculator/pge_ghg_emission_factor_info_sheet.pdf).

Table 10

Substation-Remote Ends Construction Emissions [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day	Miles per Day [b]	Emissions (lbs/day) [c]						Emissions (metric tons/day) [c]	Emissions (lbs/phase) [c]						Emissions (metric tons/phase) [c]
						ROG	CO	NOx	SOx	PM_{10} [d]	$PM_{2.5}$ [d]	CO_2	ROG	CO	NOx	SOx	PM_{10} [d]	$PM_{2.5}$ [d]	CO_2
General Construction																			
Mechanics Truck	Medium-duty Diesel	1	100	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.102	0.651	2.084	0.014	0.632	0.221	0.682
Worker Commutes	Light-duty Auto/Truck	10	100	--	21.6	0.005	0.323	0.029	0.001	0.165	0.045	0.057	0.524	32.320	2.880	0.126	16.511	4.488	5.690
Martin Substation Series and Shunt Reactor Removal																			
3/4-Ton Pick-up Truck	Light-duty Truck	4	60	--	20	0.002	0.140	0.013	0.000	0.061	0.017	0.024	0.139	8.412	0.778	0.027	3.669	0.998	1.425
1-Ton Truck	Medium-duty Diesel	1	60	--	20	0.003	0.022	0.069	0.000	0.021	0.007	0.023	0.203	1.301	4.168	0.029	1.263	0.442	1.365
Manlift	Construction Equipment	1	10	5	--	0.025	0.684	0.402	0.001	0.009	0.008	0.046	0.248	6.839	4.023	0.011	0.090	0.082	0.461
Dump Truck	Heavy-duty Diesel	1	20	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.028	0.354	1.253	0.004	0.110	0.034	0.229
Boom Truck	Heavy-duty Diesel	1	25	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.034	0.443	1.567	0.005	0.138	0.043	0.286
Mobile Crane	Construction Equipment	1	15	6	--	0.340	1.586	4.044	0.004	0.167	0.153	0.190	5.104	23.797	60.654	0.066	2.499	2.299	2.851
Jack Hammer	Construction Equipment	1	15	6	--	0.030	0.158	0.188	0.000	0.007	0.007	0.012	0.451	2.368	2.827	0.005	0.110	0.110	0.176
Small Backhoe	Construction Equipment	1	5	5	--	0.131	1.425	1.316	0.002	0.083	0.076	0.085	0.655	7.124	6.578	0.010	0.415	0.382	0.426
Oil Truck	Heavy-duty Diesel	1	2	--	14.6	0.003	0.043	0.153	0.001	0.013	0.004	0.028	0.007	0.086	0.305	0.001	0.027	0.008	0.056
Semi Truck	Heavy-duty Diesel	1	4	--	14.6	0.003	0.043	0.153	0.001	0.013	0.004	0.028	0.013	0.172	0.610	0.002	0.054	0.017	0.111
Worker Commutes	Light-duty Auto/Truck	6	60	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.189	11.635	1.037	0.045	5.944	1.616	2.048
Fugitive Dust [e]	Grading	0.35	5	5	--	--	--	--	--	0.371	0.040	--	--	--	--	--	1.856	0.200	--
Jefferson, Martin, and Embarcadero Indoor Work																			
3/4-Ton Pick-up Truck	Light-duty Truck	3	40	--	20	0.002	0.105	0.010	0.000	0.046	0.012	0.018	0.070	4.206	0.389	0.013	1.835	0.499	0.712
Worker Commutes	Light-duty Auto/Truck	3	40	--	21.6	0.002	0.097	0.009	0.000	0.050	0.013	0.017	0.063	3.878	0.346	0.015	1.981	0.539	0.683
Inspectors																			
Inspector Vehicles	Light-duty Auto/Truck	1	60	--	14.6	0.000	0.022	0.002	0.000	0.011	0.003	0.004	0.021	1.311	0.117	0.005	0.670	0.182	0.231
Truck Drivers																			
Material Haul Trucks	Heavy-duty Diesel	1	8	--	45.6	0.010	0.135	0.476	0.002	0.042	0.013	0.087	0.084	1.077	3.811	0.013	0.335	0.104	0.696
Construction Trailers [f]	12 feet by 56 feet	1	730	--	--	--	--	--	--	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	1.06

Notes:

-- = Parameter not required for computing emissions.

[a] Unless otherwise noted, equipment/vehicle list and daily use provided by PG&E.

[b] Mileage was based on the following assumptions:

1) Mileage for Worker Commutes and Vendor Trips/Inspector Vehicles for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the H-W and C-NW trip lengths, respectively.

2) Mileage for onsite service or construction vehicles and pick-up trucks provided by PG&E.

3) Mileage for the Material Haul Trucks based on travel to Ox Mountain Sanitary Landfill (22.8 miles one way from site). PG&E estimates that there will be 8 trips to Ox Mountain during the Substation-Remote Ends construction timeframe.

[c] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 metric ton =	1,000,000	g
1 ton =	2,000	lbs
1 yd^3 =	1.2641162	tons
Blade width of grading equipment =	12	ft
1 acre =	43,560	ft^2
1 mile =	5,280	ft

[d] PM_{10} and $PM_{2.5}$ emissions include paved road fugitive dust emissions associated with onroad travel.

[e] Fugitive Dust emissions from Grading assume the Small Backhoe will grade up to 0.35 acres per day, per PG&E guidance.

[f] Construction trailer CO2 emissions based on electrical use of 5 kilowatt-hour/square foot/year electrical use from PG&E and PG&E's electrical system's CO2 emission rate of 349 lb CO2/MWh and assume trailers are in place for 2 years (https://www.pge.com/includes/docs/pdfs/shared/environment/calculator/pge_ghg_emission_factor_info_sheet.pdf).

Table 11

Substation-Remote Ends Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Miles per Day [c]	Emissions (lbs/day) [d]						Emissions (metric tons/day) [d]	Emissions (lbs/phase) [d]						Emissions (metric tons/phase) [d]
						ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2	ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2
General Construction																			
Mechanics Truck	Medium-duty Diesel	1	100	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.102	0.651	2.084	0.014	0.632	0.221	0.682
Worker Commutes	Light-duty Auto/Truck	10	100	--	21.6	0.005	0.323	0.029	0.001	0.165	0.045	0.057	0.524	32.320	2.880	0.126	16.511	4.488	5.690
Martin Substation Series and Shunt Reactor Removal																			
3/4-Ton Pick-up Truck	Light-duty Truck	4	60	--	20	0.002	0.140	0.013	0.000	0.061	0.017	0.024	0.139	8.412	0.778	0.027	3.669	0.998	1.425
1-Ton Truck	Medium-duty Diesel	1	60	--	20	0.003	0.022	0.069	0.000	0.021	0.007	0.023	0.203	1.301	4.168	0.029	1.263	0.442	1.365
Manlift	Construction Equipment	1	10	3	--	0.015	0.410	0.241	0.001	0.005	0.005	0.028	0.149	4.103	2.414	0.006	0.054	0.049	0.277
Dump Truck	Heavy-duty Diesel	1	20	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.028	0.354	1.253	0.004	0.110	0.034	0.229
Boom Truck	Heavy-duty Diesel	1	25	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.034	0.443	1.567	0.005	0.138	0.043	0.286
Mobile Crane	Construction Equipment	1	15	4	--	0.227	1.058	2.696	0.003	0.111	0.102	0.127	3.403	15.865	40.436	0.044	1.666	1.533	1.901
Jack Hammer	Construction Equipment	1	15	4	--	0.020	0.105	0.126	0.000	0.005	0.005	0.008	0.301	1.578	1.885	0.004	0.073	0.073	0.117
Small Backhoe	Construction Equipment	1	5	3	--	0.079	0.855	0.789	0.001	0.050	0.046	0.051	0.393	4.274	3.947	0.006	0.249	0.229	0.256
Oil Truck	Heavy-duty Diesel	1	2	--	14.6	0.003	0.043	0.153	0.001	0.013	0.004	0.028	0.007	0.086	0.305	0.001	0.027	0.008	0.056
Semi Truck	Heavy-duty Diesel	1	4	--	14.6	0.003	0.043	0.153	0.001	0.013	0.004	0.028	0.013	0.172	0.610	0.002	0.054	0.017	0.111
Worker Commutes	Light-duty Auto/Truck	6	60	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.189	11.635	1.037	0.045	5.944	1.616	2.048
Fugitive Dust [f]	Grading	0.35	5	3	--	--	--	--	--	0.059	0.006	--	--	--	--	--	0.297	0.032	--
Jefferson, Martin, and Embarcadero Indoor Work																			
3/4-Ton Pick-up Truck	Light-duty Truck	3	40	--	20	0.002	0.105	0.010	0.000	0.046	0.012	0.018	0.070	4.206	0.389	0.013	1.835	0.499	0.712
Worker Commutes	Light-duty Auto/Truck	3	40	--	21.6	0.002	0.097	0.009	0.000	0.050	0.013	0.017	0.063	3.878	0.346	0.015	1.981	0.539	0.683
Inspectors																			
Inspector Vehicles	Light-duty Auto/Truck	1	60	--	14.6	0.000	0.022	0.002	0.000	0.011	0.003	0.004	0.021	1.311	0.117	0.005	0.670	0.182	0.231
Truck Drivers																			
Material Haul Trucks	Heavy-duty Diesel	1	8	--	45.6	0.010	0.135	0.476	0.002	0.042	0.013	0.087	0.084	1.077	3.811	0.013	0.335	0.104	0.696
Construction Trailers [g]	12 feet by 56 feet	1	730	--	--	--	--	--	--	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	1.06

Notes:

-- = Parameter not required for computing emissions.

[a] Unless otherwise noted, equipment/vehicle list and daily use provided by PG&E.

b Hours of operation for all construction equipment were reduced by 2 hours per day to minimize equipment idling time per APM AQ-2, Minimize Construction Exhaust Emissions, and APM GHG-1, Minimize GHG Emissions, which are described in Sections 3.3.4.2 and 3.7.4.2 of the Egbert Switching Station Project PEA. The other reduction measures of APMs AQ-2 and GHG-1 were not quantified as their extent of implementation is currently unknown.

[c] Mileage was based on the following assumptions:

1) Mileage for Worker Commutes and Vendor Trips/Inspector Vehicles for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the H-W and C-NW trip lengths, respectively.

2) Mileage for onsite service or construction vehicles and pick-up trucks provided by PG&E.

3) Mileage for the Material Haul Trucks based on travel to Ox Mountain Sanitary Landfill (22.8 miles one way from site). PG&E estimates that there will be 8 trips to Ox Mountain during the Substation-Remote Ends construction timeframe.

[d] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 metric ton =	1,000,000	g
1 ton =	2,000	lbs
1 yd^3 =	1.2641162	tons
Blade width of grading equipment =	12	ft
1 acre =	43,560	ft^2
1 mile =	5,280	ft

[e] PM_{10} and $PM_{2.5}$ emissions include paved road fugitive dust emissions associated with onroad travel.

[f] Fugitive Dust emissions from Grading assume the Small Backhoe will grade up to 0.35 acres per day, per PG&E guidance, and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA.

[g] Construction trailer CO2 emissions based on electrical use of 5 kilowatt-hour/square foot/year electrical use from PG&E and PG&E's electrical system's CO2 emission rate of 349 lb CO2/MWh and assume trailers are in place for 2 years (https://www.pge.com/includes/docs/pdfs/shared/environment/calculator/pge_ghg_emission_factor_info_sheet.pdf).

Table 12

Construction Equipment Emission Factors

PG&E: Egbert Switching Station Project

Equipment [a]	OFFROAD Equipment Category	Horsepower [b]	Load Factor [b]	Emission Factors (g/bhp-hr) [c]						
				ROG	CO	NOx	SOx	PM_{10}	$PM_{2.5}$	CO_2
CAT 328 Excavator [d]	Excavator	204	0.38	0.177	1.118	2.027	0.005	0.061	0.056	471.883
CAT 928 Loader [d]	Tractor/Loader/Backhoe	144	0.37	0.246	3.105	2.415	0.005	0.122	0.112	467.513
JD 225 Excavator [d]	Excavator	159	0.38	0.231	3.086	2.278	0.005	0.110	0.102	472.289
CAT 450 Backhoe [d]	Tractor/Loader/Backhoe	144	0.37	0.246	3.105	2.415	0.005	0.122	0.112	467.513
RT 100 - Terex Rough Terrain Crane [d]	Crane	262	0.29	0.321	2.660	3.862	0.005	0.155	0.142	472.558
Ingersoll Rand DD 24 Roller [d]	Roller	32	0.38	0.926	4.725	4.534	0.005	0.329	0.303	525.880
Volvo VNX 300 Tractor	Tractor/Loader/Backhoe	97	0.37	0.331	3.601	3.326	0.005	0.210	0.193	475.154
Doosan Air Compressor 185 CFM, Air Compressor 175 cfs	Air Compressor	78	0.48	0.489	3.698	3.400	0.006	0.224	0.224	568.299
Semi Tractor	Off-Highway Tractor	124	0.44	0.271	3.215	2.890	0.005	0.140	0.129	472.917
Cable Winch	Other General Industrial Equipment	88	0.34	0.446	0.377	4.061	0.005	0.296	0.272	470.000
Cable Reel Cart	Other General Industrial Equipment	88	0.34	0.446	0.377	4.061	0.005	0.296	0.272	470.000
2 kW Generator [e]	Generator Set	2.7	0.74	0.646	3.546	4.516	0.008	0.212	0.212	568.299
350 kW Generator [e]	Generator Set	469	0.74	0.188	1.005	1.816	0.005	0.055	0.055	568.299
Auger Boring	Bore/Drill Rig	221	0.50	0.142	1.068	1.807	0.005	0.052	0.048	466.834
100-Ton Crane, Mobile Crane	Crane	231	0.29	0.384	1.790	4.563	0.005	0.188	0.173	472.949
CAT 345 Excavator	Excavator	158	0.38	0.231	3.086	2.278	0.005	0.110	0.102	472.289
Welding Machine	Welder	46	0.45	0.937	4.840	4.304	0.007	0.238	0.238	568.299
Pavement Saw Cutting Equipment	Concrete/Industrial Saw	81	0.73	0.401	3.535	3.163	0.006	0.190	0.190	568.299
Small Backhoe, Crawler Backhoe	Tractor/Loader/Backhoe	97	0.37	0.331	3.601	3.326	0.005	0.210	0.193	475.154
Bulldozer	Tractor/Loader/Backhoe	97	0.37	0.331	3.601	3.326	0.005	0.210	0.193	475.154
Front Loader	Tractor/Loader/Backhoe	97	0.37	0.331	3.601	3.326	0.005	0.210	0.193	475.154
Compactor	Crushing Equipment	85	0.78	0.473	3.722	3.249	0.006	0.206	0.206	568.299
Manlift	Aerial Lift	63	0.31	0.115	3.177	1.869	0.005	0.042	0.038	472.114
Forklift	Forklift	89	0.20	0.459	3.760	4.133	0.005	0.308	0.283	471.529
Trencher	Trencher	78	0.50	0.610	3.833	5.520	0.005	0.413	0.380	475.127
Jack Hammer	Plate Compactor	8	0.43	0.661	3.469	4.142	0.008	0.161	0.161	568.299

Notes:

[a] The BTI Breaker, Hoe Ram, and HPSI 100 Sheet Driver for Excavator were not included in the above table, or resulting emissions estimates, as they are expected to be hydraulically-powered with negligible emissions.

[b] Unless otherwise noted, Horsepower and Load Factors taken as the default, average values provided in Table 3.3 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016).

[c] Emission Factors in grams per brake-horsepower-hour (g/bhp-hr) taken as the defaults for the year 2020 provided in Table 3.4 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016).

[d] Horsepower ratings for these equipment were provided by PG&E.

[e] Horsepower (hp) ratings for the 2 kW and 350 kW Generators estimated using the following conversion factor:

1 kW = 1.34 hp

Table 13
Vehicle Emission Factors
PG&E: Egbert Switching Station Project

Vehicle	Vehicle Class [a]	Exhaust Emission Factors (g/mile) [b]							Paved Road Emission Factors (g/mile) [c]	
		ROG	CO	NOx	SOx	PM_{10}	$PM_{2.5}$	CO_2	PM_{10}	$PM_{2.5}$
Rigging Truck, Material Haul Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Mechanics Truck	Medium-duty Diesel	0.077	0.492	1.575	0.011	0.177	0.092	1,137.169	0.300	0.075
Worker Commutes, Inspector Vehicles	Light-duty Auto/Truck	0.011	0.679	0.060	0.003	0.046	0.019	263.411	0.300	0.075
3/4-Ton Pick-up Truck	Light-duty Truck	0.013	0.795	0.074	0.003	0.046	0.019	296.782	0.300	0.075
1-Ton Truck	Medium-duty Diesel	0.077	0.492	1.575	0.011	0.177	0.092	1,137.169	0.300	0.075
Concrete Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Boom Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
2-Ton Flat Bed Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Oil Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Dump Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Semi Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Short Haul Dump Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Long Haul Dump Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
1500 Dodge Ram Pickup	Light-duty Truck	0.013	0.795	0.074	0.003	0.046	0.019	296.782	0.300	0.075
2500 Dodge Ram Pickup	Light-duty Truck	0.013	0.795	0.074	0.003	0.046	0.019	296.782	0.300	0.075
3500 Dodge Ram Pickup	Light-duty Truck	0.013	0.795	0.074	0.003	0.046	0.019	296.782	0.300	0.075
T 880 Kenworth Dump Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Vacuum Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075

Notes:

[a] The vehicle classes are represented as follows:

Light-duty Truck: Assumed to be 50% LDT1 Gas and 50% LDT2 Gas values.
Heavy-duty Diesel: Assumed to be 100% HHDT DSL values, per Section 4.5 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).
Medium-duty Diesel: 100% MHDT DSL values, per Section 4.5 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).
Light-duty Auto/Truck: 50% LDA Gas, 25% LDT1 Gas, and 25% LDT2 Gas values, per Section 4.5 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).

b Exhaust Emission Factors in grams per mile (g/mile) from EMFAC2014 for the San Francisco Bay Area Air Basin, calendar year 2020. A speed of 40 miles per hour (mph) was assumed for onroad vehicles, which is consistent with the CalEEMod default; because the project site is so small, it was assumed that all vehicles would be considered offsite, onroad vehicles and that no vehicles would travel onsite. An average temperature of 62 degrees Fahrenheit (°F) and humidity of 63% were used per Table 1 of CT-EMFAC: A Computer Model to Estimate Transportation Project Emissions (UC-Davis, 2007).

[c] Paved road emission factors calculated using CalEEMod methodology, as described below.

Derivation of Paved Road Emission Factors

Parameter	PM_{10}	$PM_{2.5}$
Average Weight [a]	2.4	2.4
k [b]	1	0.25
sL [a]	0.1	0.1
Emission Factor (g/mile) [c]	**0.300**	**0.075**

[a] Average Weight and sL taken as the default value from CalEEMod.

[b] k taken from Table 13.2.1-1 of Section 13.2.1 of *AP-42* (USEPA, 2011).

[c] Emission factor calculated using Equation 1 from Section 13.2.1 of *AP-42* (USEPA, 2011), which is generally consistent with Section 5.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016):

$$\text{Emission Factor (g/mile)} = k \text{ (g/mile)} \times [sL \text{ (g/m}^2)]^{0.91} \times [\text{Average Weight (tons)}]^{1.02}$$

Table 14

Fugitive Dust Emission Factors

PG&E: Egbert Switching Station Project

Fugitive Dust Emission Factors for Truck Dumping/Loading

Truck Dumping on a Pile or Loading to a Truck from a Pile

Parameter	PM_{10}	$PM_{2.5}$
k [a]	0.35	0.053
U [b]	4.9	4.9
M [a]	12.0	12.0
Emission Factor (lb/ton) [c]	0.0001	0.00001
Reduction from Watering to Maintain 12% Moisture [d]	69%	69%
Emission Factor (Controlled, lb/ton)	0.00003	0.000004

Notes:

[a] k and M taken from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).

[b] U taken as the CalEEMod default for the San Francisco climate region of the San Francisco Bay Area Air Basin. Value converted from units of m/s to mph.

[c] Emission factor calculated using the following equation from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016):

Emission Factor (lb/ton) = k x 0.0032 x $[U (mph) / 5]^{1.3}$ / $[M (\%) / 2]^{1.4}$

[d] Control efficiency taken from Table XI-A of the *SCAQMD CEQA Air Quality Analysis Handbook* for Scraper Loading and Unloading (SCAQMD, 2007).

Fugitive Dust Emission Factors for Grading

Grading Equipment Passes

Parameter	PM_{10}	$PM_{2.5}$
S [a]	7.1	7.1
F [a]	0.6	0.031
Emission Factor (lb/VMT) [b]	1.543	0.167
Reduction from Applying Soil Stabilizers [c]	84%	84%
Emission Factor (Controlled, lb/VMT)	0.247	0.027

Notes:

[a] S and F taken from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).

[b] Emission factor calculated using the following equation from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016):

PM_{10} Emission Factor (lb/VMT) = 0.051 x $[S (mph)]^{2.0}$ x F_{PM10}

$PM_{2.5}$ Emission Factor (lb/VMT) = 0.04 x $[S (mph)]^{2.5}$ x $F_{PM2.5}$

[c] Control efficiency taken from Table XI-A of the *SCAQMD CEQA Air Quality Analysis Handbook* for Post-demolition Stabilization (SCAQMD, 2007).

Fugitive Dust Emission Factors for Bulldozing

Bulldozing Equipment Passes

Parameter	PM_{10}	$PM_{2.5}$
C [a]	1.0	5.7
	7.9	7.9
s [a]	6.9	6.9
F [a]	0.75	0.105
Emission Factor (lb/hr) [b]	0.753	0.414
Reduction from Applying Soil Stabilizers [c]	84%	84%
Emission Factor (Controlled, lb/hr)	0.120	0.066

Notes:

[a] C, M, s, and F taken from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016). These values are consistent with the CalEEMod defaults for the San Francisco Bay Area Air Basin.

[b] Emission factor calculated using the following equation from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016):

PM_{10} Emission Factor (lb/hr) = $\{[C \times s (\%)^{1.5}] / [M (\%)^{1.4}]\}$ x F_{PM10}

$PM_{2.5}$ Emission Factor (lb/hr) = $\{[C \times s (\%)^{1.2})] / [M (\%)^{1.3}]\}$ x $F_{PM2.5}$

[c] Control efficiency taken from Table XI-A of the *SCAQMD CEQA Air Quality Analysis Handbook* for Post-demolition Stabilization (SCAQMD, 2007).

Table 15

Egbert Switching Station

PG&E: Egbert Switching Station Project

Location	Number of Circuit Breakers [a]	SF_6 Capacity per Breaker (lbs) [b]	Leakage Rate [c]	SF_6 Emissions (metric tons/year) [d]	CO_2e Emissions (metric tons/year) [e]
Without APM [f]					
Switching Station	7	175	1.00%	0.0056	126.69
With APM GHG-2 [f]					
Switching Station	7	175	0.50%	0.0028	63.34

Notes:

[a] Number of circuit breakers was provided by PG&E.

[b] Assumed each circuit breaker would contain 175 pounds of SF_6, which is similar to the circuit breakers at Cressey Substation.

[c] It was conservatively assumed that the leakage rate would be one percent without implementation of APMs.

[d] The following conversion factor was used to estimate SF_6 emissions:

1 metric ton = 2,204.62 lbs

[e] The following Global Warming Potential (GWP) was used to estimate CO_2e emissions, per 40 CFR 98, Subpart A: 22,800.

f Emissions were estimated assuming no implementation of APMs, and assuming the implementation of APM GHG-2, Minimize SF6 Emissions, which is described in Section 3.7.4.2 of the Egbert Switching Station Project PEA.

APPENDIX D.3-2

Health Risk Assessment

TECHNICAL MEMORANDUM

Health Risk Assessment for PG&E's Egbert Switching Station Project

PREPARED FOR:	Brandon Liddell/PG&E
COPY TO:	Colleen Taylor/Jacobs
PREPARED BY:	Elyse Engel/Jacobs, Jerry Salamy/Jacobs
DATE:	July 20, 2018
REVISION NO.:	0

The Pacific Gas and Electric Company (PG&E) has conducted a screening Health Risk Assessment (HRA) to evaluate the potential health risks due to construction of the Egbert Switching Station Project (project), as requested by the California Public Utilities Commission (CPUC) in Data Request No. 3 Item 2(b) – Air Quality / Health Risks. Accordingly, this technical memorandum presents the air toxics expected to be emitted during project construction, regulatory background, methodology for conducting the screening HRA, and the results.

Note that, consistent with Office of Environmental Health Hazard Assessment (OEHHA) guidance, the screening HRA was only performed for construction activities lasting longer than 2 months in duration (OEHHA, 2015). This includes construction activities occurring at the proposed Egbert Switching Station and the existing Martin Substation, but not the indoor electrical work planned at Embarcadero, Jefferson, and Martin substations since these activities are not expected to generate toxic air contaminants (TAC) that would result in a health risk impact to the public (since it is relay replacement and electrical wiring work performed without diesel powered tools). Similarly, potential health risks from transmission line construction activities were not evaluated as those activities are expected to occur for less than 2 months in any single location.

Emissions of Air Toxics

Diesel particulate matter (DPM) is the only TAC expected to be emitted during construction and the only TAC to be included in the screening HRA. DPM emissions result from exhaust of diesel-fueled construction equipment and vehicles operated within the project area.

DPM emissions for the construction activities at Martin Substation and Egbert Switching Station were derived from PG&E's Proponent's Environmental Assessment (PEA) construction emission estimates (see PEA Section 3.3.4.3), as follows:

- DPM was assumed to be best represented by particulate matter with aerodynamic diameter less than 10 microns (PM_{10}) emitted as a result of fuel combustion. Therefore, fugitive dust emissions were excluded, as they are not expected to include DPM.
- Offsite contributions resulting from material haul truck trips, worker commute trips, short haul dump truck trips, long haul dump truck trips, inspector vehicle trips, and mechanics truck trips were excluded, as they are not expected to significantly contribute to localized impacts of DPM.
- Onsite contributions from gasoline-fueled light-duty trucks and light-duty auto/trucks were excluded, as they are not expected to emit DPM.

- As included in PG&E's PEA, PM_{10} emissions resulting from diesel-fueled construction equipment exhaust were estimated using emission factors representative of the statewide fleet mix, as available in the California Emissions Estimator Model (i.e., specific engine tiers were not assumed).

For modeling, these emissions were averaged over the construction period and spatially distributed within the construction area. Specifically, emissions were spatially distributed in (1) the area associated with construction of the Martin Substation series and shunt reactor removal, averaged over 3 months, and (2) the area associated with construction of Egbert Switching Station, averaged over 19 months. These emission rates are presented in Table 1, with detailed calculations presented in Appendix A Construction Emissions.

Table 1. DPM Emission Rates Modeled for Project Construction

	DPM Exhaust Emissions		
Construction Phase	**Total (lb/phase)**	**Annualized (lb/year) [a]**	**Modeled Rate (g/s)**
Martin Substation	3.63	14.54	0.00021
Egbert Switching Station	66.25	41.84	0.00060

g/s = gram(s) per second
lb/phase = pound(s) per phase
lb/year = pound(s) per year

[a] Annualized emissions were calculated by averaging the total phase emissions over a 3-month construction period for Martin Substation and a 19-month construction period for Egbert Switching Station.

As noted in PG&E's preliminary response to the CPUC, the potential for unknown emissions from unknown residual soil or groundwater contamination were not included in this screening HRA. These risks are thought to be sufficiently addressed through the following Applicant-Proposed Measures (APMs):

- APM Hazardous Material (HM)-1 – Development and Implementation of Hazardous Material and Emergency Response Procedures, which will minimize the potential exposure of the public and project workers to potential hazardous materials during project phases
- APM HM-3 – Soil, Groundwater, Underground Tank, and Wastewater Characterization, which proposes to conduct soil and groundwater sampling where existing data are not available prior to or upon commencement of construction

Regulatory Background

Federal

Title 40 Code of Federal Regulations (CFR) Part 63 establishes national emission standards to limit emissions of hazardous air pollutants (HAPs), or air pollutants identified by the U.S. Environmental Protection Agency (USEPA) as causing or contributing to the adverse health effects of air pollution but for which National Ambient Air Quality Standards have not been established, from specific categories of stationary sources. Operation of the project does not require the installation of new stationary sources that emit DPM or other HAPs. Therefore, the project is not considered a stationary source of HAPs and is not subject to these standards.

State

The Air Toxic "Hot Spots" Information and Assessment Act, also known as Assembly Bill 2588 (AB 2588), identifies TAC hot spots where emissions from specific stationary sources may expose individuals to an elevated risk of adverse health effects, particularly cancer or reproductive harm. Many TACs are also classified as HAPs. AB 2588 requires that a business or other establishment identified as a significant

stationary source of toxic emissions provide the affected population with information about health risks posed by the emissions. Although DPM is considered a TAC under AB 2588, this project is not subject to AB 2588 because the DPM-emitted sources will only be temporarily employed during construction. Operation of the project does not require the installation of new stationary sources that emit DPM or other TACs. Therefore, the project is not considered a stationary source of toxic emissions.

Regional

The project is located within the jurisdiction of the Bay Area Air Quality Management District (BAAQMD). BAAQMD is the local agency charged with preparing, adopting, and implementing emission control measures and standards for stationary sources of air pollution. Because the project will not involve construction of new stationary sources of TACs, the project is not subject to BAAQMD permitting regulations. However, a brief discussion of BAAQMD rules and guidance documents is provided below for informational purposes.

BAAQMD Regulation 2-5, New Source Review of Toxic Air Contaminants, provides for the review of new and modified sources of TAC emissions in order to evaluate potential public exposure and health risk, to mitigate potentially significant health risks resulting from these exposures, and to provide net health risk benefits by improving the level of control when existing sources are modified or replaced. Regulation 2-5 requires Best Available Control Technology for Toxics (T-BACT) for any new or modified source of TACs where the source risk is a cancer risk greater than 1.0 in 1 million or a chronic hazard index greater than 0.20. This rule only applies to new or modified sources requiring an Authority to Construct or Permit to Operate. Because the project will not involve construction and operation of new stationary sources of TACs, the project will not require an Authority to Construct or Permit to Operate from BAAQMD and, therefore, Regulation 2-5 does not apply to the project.

BAAQMD Regulation 11-18, Reduction of Risk from Air Toxic Emissions at Existing Facilities, ensures that facilities that emit TACs do not pose an unacceptable health risk to nearby residents, workers, or students. This rule only applies to facilities required to report TAC emissions to BAAQMD via AB 2588. Because the project is not subject to AB 2588, as previously stated, the project is not subject to Regulation 11-18.

BAAQMD's California Environmental Quality Act (CEQA) Guidelines (BAAQMD, 2017) provide thresholds of significance for evaluating a project's construction and operational TAC emissions, as related to the resulting health risk impacts. The thresholds are the same for construction and operation, as follows:

- Compliance with a qualified community risk reduction plan, or
- Any of the three following criteria:
    - An increased cancer risk of greater than 10.0 in 1 million
    - An increased noncancer (chronic or acute) risk of greater than 1.0
    - An increase in ambient annual average particulate matter with aerodynamic diameter less than 2.5 microns ($PM_{2.5}$) concentrations greater than 0.3 microgram per cubic meter ($\mu g/m^3$)

The significance of potential project impacts will be determined by comparing the screening HRA results to the above thresholds.

Screening HRA Methodology

Consistent with PG&E's preliminary response to the CPUC, PG&E modeled the air dispersion of emitted DPM using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD). The modeled output (maximum ground-level concentrations), along with equations from the *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments* (OEHHA, 2015), were used to estimate the cancer and chronic (non-cancer) health risks for residential and worker

exposure to DPM emissions. Acute (non-cancer) health risks were not estimated because there is no acute inhalation Reference Exposure Level (REL) for DPM, thus indicating that DPM is not known to result in acute health hazards (OEHHA, 2015; OEHHA and California Air Resources Board [ARB], 2018). Details regarding model selection, inputs, and calculation methodology are presented below.

Model Selection. The air dispersion modeling was conducted based on guidance presented in the *Guideline on Air Quality Models* (USEPA, 2017) and the USEPA-approved dispersion model, AERMOD (Version 18081). The AERMOD model is a steady-state, multiple-source dispersion model that incorporates hourly meteorological data inputs and local surface characteristics. The AERMOD model is well suited for this assessment based on the ability of the model to handle the various physical characteristics of project emission sources, including point, area, and volume source types. The required emission source data inputs to AERMOD include source locations, source elevations, stack heights, stack diameters, stack exit temperatures, stack exit velocities, and pollutant emission rates. The source locations are specified for a Cartesian (x,y) coordinate system where x and y are distances east and north in meters, respectively. The Cartesian coordinate system used for this analysis is the Universal Transverse Mercator Projection (UTM), 1983 North American Datum (NAD 83).

Model Options. The technical options selected for the AERMOD model include the following:

- Regulatory default control options
- Urban dispersion mode using the population of San Francisco in the 2010 U.S. Census Bureau (805,235)
- Receptor elevations and controlling hill heights obtained from AERMAP (Version 11103) output

Meteorological Data. In the absence of site-specific meteorological data, the USEPA requires the use of 5 years of representative National Weather Service (NWS) meteorological data. According to USEPA's *Guideline on Air Quality Models* (USEPA, 2017), representativeness of meteorological data used in dispersion modeling depends on (1) the proximity of the meteorological monitoring site to the area under consideration, (2) the complexity of the terrain, (3) the exposure of the meteorological monitoring site, and (4) the period of time during which data are collected.

AERMOD-ready NWS meteorological data were acquired from the Bay Area Air Quality Management District (BAAQMD) for the San Francisco International Airport Station for years 2009 through 2013. The San Francisco International Airport Station data were considered representative of the project, and accordingly recommended for use, based on the following reasons:

- The meteorological site is located approximately 7.5 miles from the proposed Egbert Switching Station and 6 miles from the existing Martin Substation.
- There are no complex terrain features between the meteorological site and either project construction site.
- The land uses surrounding the meteorological site and the project construction sites are similar (each is surrounded by a blend of low-, medium-, and high-intensity land uses with open water less than 10 miles to the east).

Receptor Grid Spacing. The receptor grid for the AERMOD modeling consists of receptors that are placed at the ambient air boundary (i.e., the project's property boundary) and Cartesian-grid receptors that are placed beyond the project's property boundary at spacing that increases with distance from the origin, as presented in Appendix B AERMOD, Figure 1, Screening Health Risk Assessment Receptor Grid. Property boundary receptors were placed at 30-meter intervals. Beyond the project's property boundary, receptor spacing was as follows:

- 50-meter spacing from property boundary to 500 meters from the origin
- 100-meter spacing from beyond 500 meters to 3 kilometers (km) from the origin

- 500-meter spacing from beyond 3 km to 5 km from the origin

All receptors and source locations were expressed in a UTM NAD 83, Zone 11 coordinate system. AERMAP (Version 11103) was used to calculate the receptor elevations and the controlling hill heights. Terrain in the vicinity of the project was accounted for by assigning base elevations to each receptor. National Elevation Dataset files from the United States Geological Survey were obtained in one arc-second resolution for the 5-km grid. The AERMAP domain was large enough to encompass the 10 percent slope factor required for calculating the controlling hill height.

Source Parameters. The Martin Substation and Egbert Switching Station construction emissions were conservatively modeled as if occurring simultaneously, even though these activities are expected to occur sequentially per the anticipated construction schedule. The construction exhaust emissions were modeled as a set of point sources spaced approximately 25 meters apart over the construction areas with a horizontal stack release. The horizontal release type is an AERMOD beta option (i.e., nonregulatory default option), which negates mechanical plume rise. This conservative approach was used because it is unknown whether the construction equipment will have vertically oriented exhaust stacks. Stack release parameters consisted of a stack release temperature of 533 degrees Kelvin (K; 500 degrees Fahrenheit [°F]), a stack diameter of 0.127 meters (5 inches), and a release height of 4.6 meters (15 feet) based on data for typical construction equipment. A detailed summary of the modeling inputs is presented in Appendix B.

Health Risk Estimates. The screening HRA estimated the 2-year rolling cancer risks during a 30-year exposure duration (starting with exposure during the third trimester) for residential exposure and a 25-year exposure duration (from age 16 to 40) for worker exposure, aligned with the expected construction duration, at the Point of Maximum Impact (PMI), Maximally Exposed Individual Resident (MEIR), Maximally Exposed Individual Worker (MEIW), and maximum exposed sensitive receptor. The excess cancer risks were estimated using the following:

- Equations 5.4.1.1 and 8.2.4A from the *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments* (OEHHA, 2015) for residential exposure
- Equations 5.4.1.2A, 5.4.1.2B, and 8.2.4B from the *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments* (OEHHA, 2015) for worker exposure
- The maximum annual ground-level concentrations used to estimate risk were determined through dispersion modeling with AERMOD
- The construction emission estimates modeled are presented in Table 1

Chronic risks were also estimated for the PMI, MEIR, MEIW, and maximum exposed sensitive receptor, based on the same emission rates and ground-level concentrations described above. To calculate chronic risk, as characterized by a health index, the maximum annual ground-level concentration was divided by the DPM REL of 5 µg/m^3 (OEHHA and ARB, 2018).

Results

The results of the screening HRA for construction activities show that the excess cancer risks at the PMI, MEIR, MEIW, and maximum exposed sensitive receptor are 9.53, 8.52, 0.16, and 1.97, respectively, which are less than the significance threshold of 10.0 in 1 million. Similarly, the chronic hazard indices at the PMI, MEIR, MEIW, and maximum exposed sensitive receptor are 0.0066, 0.0059, 0.0066, and 0.0014, respectively, which are less than the significance threshold of 1.0. Therefore, predicted impacts associated with the finite construction activities are less than significant. It should be noted that these less-than-significant impacts are conservative given the conservative assumptions used in developing the DPM emission estimates, the fact that maximum DPM emissions were modeled as occurring every construction hour, and the DPM cancer potency safety factor inherent in OEHHA's calculations. Detailed

calculations are provided in Appendix C Cancer Risk. The model input and output files are included with this submission on compact disc.

References

Bay Area Air Quality Management District (BAAQMD). 2017. *California Environmental Quality Act Air Quality Guidelines*. Updated May 2017. http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en.

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Office of Environmental Health Hazard Assessment (OEHHA) and California Air Resources Board (ARB). 2018. *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values.* May.

U.S. Environmental Protection Agency (USEPA). 2017. *Guideline on Air Quality Models*, 40 CFR 51, Appendix W. November.

Appendix A
Construction Emissions

Appendix A, Table 1

Construction HRA Emission Rates (Onsite and Diesel Contributions Only)

PG&E: Egbert Switching Station Project

Source Group [a]	Diesel Particulate Matter [b]			Duration (Months) [g]	Reduction from Initial (%)
	(g/s) [c]	(lbs/yr) [d]	(lbs/phase) [d, e, f]		
Switching Station	0.00060	41.84	66.25	19	68%
Substation-Remote Ends	0.00021	14.54	3.63	3	96%

Notes:

[a] The emission rate for each source group is the total for all sources in that group.

[b] Diesel Particulate Matter is best represented by PM_{10} emitted as a result of fuel combustion.

[c] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 year =	8,760	hours
1 year =	12	months
1 hour =	3,600	seconds

[d] Emission rates are the total emissions for each construction phase divided by the phase duration in years. Emissions were taken from Appendix A, Tables 5 and 6, as appropriate, and account for APMs.

[e] Offsite contributions that were excluded from the emissions estimate include: Material Haul Trucks, Worker Commutes, Short Haul Dump Trucks, Long Haul Dump Trucks, Inspector Vehicles, and Mechanics Trucks.

[f] Emission estimates exclude contributions from the following gasoline-fueled vehicles: Light-duty Trucks and Light-duty Auto/Trucks.

[g] The duration for each construction phase was taken from Appendix A, Table 3.

Appendix A, Table 2

Construction Emissions Summary with APMs AQ-1 and AQ-2

PG&E: Egbert Switching Station Project

Construction Phase	Average Daily Emissions (lbs/day) [a]										
	ROG	CO	NOx	SOx	PM_{10} Exhaust	$PM_{2.5}$ Exhaust	PM_{10} Fugitive	$PM_{2.5}$ Fugitive			
Project Emissions											
Construction Year 2020	2.10	23.75	26.62	0.07	3.10	1.49	0.01	0.00			
Construction Year 2021	1.62	19.75	17.35	0.05	2.64	1.24	0.01	0.00			
Construction Year 2022	0.09	1.18	1.12	0.00	0.41	0.14	0.00	0.00			
Maximum Average Daily Emissions (lbs/day)	**2.10**	**23.75**	**26.62**	**0.07**	**3.10**	**1.49**	**0.01**	**0.00**			
BAAQMD Significance Threshold (lbs/day) [b]	**54**	**N/A**	**54**	**N/A**	**82**	**54**	**N/A**	**N/A**			
Maximum Average Daily Emissions (tons/day) [c]	**0.001**	**0.01**	**0.01**	**0.00004**	**0.002**	**0.001**	**0.000**	**0.000**			
Phase	**Emissions by Phase (lbs/phase) [d]**								**2020 Duration (Months)**	**2021 Duration (Months)**	**2022 Duration (Months)**
Transmission Line Construction											
Installation											
Mobilization	1.20	19.39	20.35	0.08	5.55	1.90	0.00	0.00	1	0	0
Manholes	36.89	489.97	411.26	1.38	94.79	36.51	0.00	0.00	6	0	0
Trenching [e]	532.09	6,171.92	5,038.27	12.17	570.99	330.69	3.00	0.37	7	8	0
Cable Installation and Splicing [f]	16.66	155.36	148.11	0.57	57.84	21.50	0.00	0.00	0	6	0
Inspectors	0.22	13.85	1.23	0.05	7.08	1.92	0.00	0.00	8	10	0
Truck Drivers	33.66	432.09	1,529.35	5.28	134.58	41.56	0.00	0.00	7	3	0
Trenchless Installation											
Bore Pit Excavation, Stage Equipment and Bore, Pull in Casing and Duct Bundle, Grouting Space Between Casing and Ducts, and Restoration	62.93	516.82	653.22	1.60	36.53	26.52	0.02	0.00	3	0	0
Truck Drivers	0.27	3.50	12.38	0.04	1.09	0.34	0.00	0.00	2	0	0
Transmission Line Construction Total	**683.92**	**7,802.90**	**7,814.18**	**21.18**	**908.46**	**460.94**	**3.01**	**0.38**			
2020 Total [g]	**373.26**	**4,218.53**	**4,519.50**	**12.50**	**501.78**	**249.53**	**1.42**	**0.18**			
2021 Total [g]	**310.66**	**3,584.37**	**3,294.68**	**8.68**	**406.68**	**211.40**	**1.60**	**0.20**			
2022 Total [g]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Switching Station Construction											
General Construction	3.22	173.51	24.38	0.73	89.96	24.67	0.00	0.00	9	10	0
Civil Site Preparation	10.81	128.34	323.23	1.07	30.51	10.85	1.56	0.70	2	0	0
Building Foundations, Excavation, and Install	17.38	204.19	267.74	0.73	29.29	14.09	0.09	0.01	3	0	0
Remaining Equipment Foundations	7.91	93.53	81.97	0.17	10.12	5.91	0.00	0.00	2	0	0
Ground Grid and Conduits	4.93	46.26	48.48	0.09	5.80	3.56	0.00	0.00	2	0	0
Building Delivery and Erection	32.01	230.96	374.35	0.55	26.96	17.81	0.00	0.00	2	1	0
Set Series and Shunt Reactors on Pads	2.07	11.01	24.70	0.03	1.73	1.12	0.00	0.00	0	1	0
Screen Walls	5.16	37.51	59.69	0.09	3.87	2.78	0.00	0.00	0	1	0
Install GIS Equipment and Wire [h]	23.84	461.80	265.36	1.04	82.61	30.29	0.00	0.00	0	7	0
Install GIS Equipment and Wire; Control Room and Battery Room Equipment; 230 kV Bus Work; 230 kV Cable Installation/Tie-in; Dress/Test/Wire Equipment	1.13	13.35	13.22	0.06	5.28	1.76	0.00	0.00	0	5	0
Testing and Commissioning	2.10	61.30	32.89	0.12	5.31	1.91	0.00	0.00	0	3	0
Exterior Walls, Final Grading, and Paving	9.27	109.61	100.86	0.21	11.67	6.85	0.00	0.00	0	3	0
Cleaning and Landscaping	3.99	48.07	43.40	0.10	5.84	3.17	0.00	0.00	0	1	0
Truck Drivers	1.02	13.05	46.20	0.16	4.07	1.26	0.00	0.00	6	0	0
Inspectors	0.31	19.22	1.71	0.07	9.82	2.67	0.00	0.00	9	10	0
Construction Trailers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12	12	0

Appendix A, Table 2

Construction Emissions Summary with APMs AQ-1 and AQ-2

PG&E: Egbert Switching Station Project

Switching Station Construction Total	**125.13**	**1,651.71**	**1,708.18**	**5.21**	**322.83**	**128.70**	**1.64**	**0.72**			
2020 Total [g]	**65.05**	**730.64**	**1,029.55**	**2.96**	**145.02**	**60.49**	**1.64**	**0.72**			
2021 Total [g]	**60.08**	**921.07**	**678.63**	**2.25**	**177.81**	**68.21**	**0.00**	**0.00**			
2022 Total [g]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Substation-Remote Ends Construction											
General Construction	0.63	32.97	4.96	0.14	17.14	4.71	0.00	0.00	0	4	1
Martin Substation Series and Shunt Reactor Removal	4.86	48.22	58.40	0.17	13.25	5.04	0.30	0.03	0	2	1
Jefferson, Martin, and Embarcadero Indoor Work	0.13	8.08	0.73	0.03	3.82	1.04	0.00	0.00	0	2	0
Inspectors	0.02	1.31	0.12	0.01	0.67	0.18	0.00	0.00	0	2	1
Truck Drivers	0.08	1.08	3.81	0.01	0.34	0.10	0.00	0.00	0	1	1
Construction Trailers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	12	12
Substation-Remote Ends Construction Total	**5.72**	**91.67**	**68.02**	**0.36**	**35.21**	**11.07**	**0.30**	**0.03**			
2020 Total [g]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
2021 Total [g]	**3.93**	**68.02**	**45.62**	**0.27**	**26.98**	**8.34**	**0.20**	**0.02**			
2022 Total [g]	**1.79**	**23.64**	**22.40**	**0.09**	**8.24**	**2.73**	**0.10**	**0.01**			

Notes:

N/A = Not Available (i.e., no significance threshold exists)

[a] To facilitate comparison to the BAAQMD's significance thresholds, the project's annual construction emissions were divided by the maximum number of days construction activity would occur during the year, as determined using the schedule depicted in Appendix A, Table 3.

[b] BAAQMD's significance thresholds for PM_{10} and $PM_{2.5}$ are specific to exhaust; therefore, exhaust and fugitive dust emissions have been separately reported.

[c] Maximum average daily emissions are provided in units of tons/day to allow comparison against the regional emissions inventory for the San Francisco Bay Area Air Basin.

[d] Emissions presented are the sum of all emissions occurring within the construction phase, regardless of whether an activity is occurring sequentially or concurrently.

[e] 'Trenching' includes: Trenching Jefferson-Egbert and Martin-Egbert/Egbert-Embarcadero lines. Fugitive dust emissions associated with grading of a potential unpaved staging area are also conservatively included.

[f] 'Cable Installation and Splicing' includes: Cable Install Jefferson-Egbert and Martin-Egbert/Egbert-Embarcadero lines and Cable Splicing Jefferson-Egbert and Martin-Egbert/Egbert-Embarcadero lines.

[g] Emissions were allotted to specific years based on the schedule depicted in Appendix A, Table 3.

[h] 'Install GIS Equipment and Wire' includes: Install GIS Equipment and Wire, Control Room and Battery Room Equipment, 230 kV Bus Work, 230 kV Cable Installation/Tie-in, and Dress/Test/Wire Equipment.

Appendix A, Table 3

Preliminary Construction Schedule [a]

PG&E: Egbert Switching Station Project

Construction Phase	Duration (Days)	2020												2021												2022
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1
Transmission Line Construction																										
Installation																										
Mobilization	4					■																				
Manholes (Manhole Crew 1) [b]	120						■	■	■	■	■	■														
Trenching - Jefferson-Egbert (Civil Crew 1)	160						■	■	■	■	■	■	■	■												
Trenching - Jefferson-Egbert (Civil Crew 2)	220							■	■	■	■	■	■	■	■	■	■	■								
Trenching - Martin-Egbert/Egbert-Embarcadero (Civil Crew 1)	140														■	■	■	■	■	■	■					
Cable Install - Jefferson-Egbert (Electric Crew 1)	40																	■	■							
Cable Install - Martin-Egbert/Egbert-Embarcadero (Electric Crew 2)	15																					■				
Cable Splicing - Jefferson-Egbert (Splicing Crew 1)	65																			■	■	■				
Cable Splicing - Martin-Egbert/Egbert-Embarcadero (Splicing Crew 1)	25																						■			
Inspectors [c]	317					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			
Truck Drivers [c]	160						■	■	■	■	■	■	■	■	■	■										
Trenchless Installation	30																									
Bore Pit Excavation	10							■																		
Stage Equipment and Bore	10								■																	
Pull in Casing and Duct Bundle	5								■																	
Grouting Space Between Casing and Ducts	5								■																	
Restoration	10									■																
Truck Drivers [c]	20							■		■																
Switching Station Construction																										
General Construction	440				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			
Civil Site Preparation	25				■	■																				
Building Foundations, Excavation, and Install	60						■	■	■																	
Remaining Equipment Foundations	40									■	■															
Ground Grid and Conduits	20									■	■															
Building Delivery and Erection	60											■	■	■												
Set Series and Shunt Reactors on Pads	5														■											
Screen Walls	10														■											
Install GIS Equipment and Wire	120															■	■	■	■	■	■					
Control Room and Battery Room Equipment	100																■	■	■	■	■					
230 kV Bus Work	40																		■	■						
230 kV Cable Installation/Tie-in	20																			■	■	■				
Dress/Test/Wire Equipment	60																	■	■	■	■					
Install and Test Oil Pump House, SSVTs	40																■	■	■	■	■					
Testing and Commissioning	60																				■	■	■			
Exterior Walls, Final Grading, and Paving	47																				■	■	■			
Cleaning and Landscaping	20																					■				
Truck Drivers [c]	99				■	■	■	■	■	■																
Inspectors [c]	440				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			
Substation-Remote Ends Construction																										
General Construction	100																					■	■	■	■	■
Martin Substation Series and Shunt Reactor Removal	60																							■	■	■
Jefferson, Martin, and Embarcadero Indoor Work	40																					■	■			
Inspectors [c]	60																							■	■	■
Truck Drivers [c]	40																							■		■

Notes:

[a] This schedule depicts the periods during which construction activities could occur. It is expected that construction activities will actually occur intermittently within the identified periods. The final project construction schedule can only be determined once the Commission's staff issue a full Notice to Proceed, all applicant-proposed measures and any other environmental mitigation measures have been taken into account, materials needed for construction have been delivered and are ready for installation, and PG&E's contractors have mobilized and are ready to initiate construction.

[b] Twelve (12) manholes are to be completed at a rate of ten (10) days per manhole. Includes the excavation, install, and backfill. The manhole crew will consist of six (6) people.

[c] The durations of these construction phases were estimated based on durations of activities happening during the same time.

Appendix A, Table 4

Transmission Line Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Miles per Day [c]	Emissions (lbs/day) [d]						Emissions (metric tons/day) [d]	Emissions (lbs/phase) [d]						Emissions (metric tons/phase) [d]
						ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2	ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2
Installation																			
Mobilization																			
1500 Dodge Ram Pickup	Light-duty Truck	4	4	8	90	0.010	0.631	0.058	0.002	0.275	0.075	0.107	0.042	2.524	0.233	0.009	1.101	0.299	0.427
2500 Dodge Ram Pickup	Light-duty Truck	3	4	8	90	0.008	0.473	0.044	0.002	0.275	0.075	0.080	0.031	1.893	0.175	0.007	1.101	0.299	0.321
3500 Dodge Ram Pickup	Light-duty Truck	3	4	8	90	0.008	0.473	0.044	0.002	0.275	0.075	0.080	0.031	1.893	0.175	0.007	1.101	0.299	0.321
T 880 Kenworth Dump Truck	Heavy-duty Diesel	3	4	8	90	0.062	0.797	2.820	0.010	0.331	0.102	0.515	0.248	3.187	11.281	0.039	1.324	0.409	2.061
Volvo VNX 300 Tractor	Construction Equipment	1	4	8	--	0.210	2.280	2.105	0.003	0.133	0.122	0.136	0.838	9.119	8.420	0.013	0.532	0.489	0.546
Worker Commutes	Light-duty Auto/Truck	6	4	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.013	0.776	0.069	0.003	0.396	0.108	0.137
Manholes (1 Crew)																			
CAT 328 Excavator	Construction Equipment	1	120	3	--	0.091	0.573	1.039	0.003	0.031	0.029	0.110	10.890	68.770	124.732	0.308	3.753	3.445	13.169
CAT 928 Loader	Construction Equipment	1	120	3	--	0.087	1.094	0.851	0.002	0.043	0.039	0.075	10.402	131.305	102.106	0.211	5.159	4.736	8.967
JD 225 Excavator	Construction Equipment	1	120	3	--	0.092	1.233	0.910	0.002	0.044	0.041	0.086	11.077	147.980	109.254	0.240	5.275	4.891	10.273
RT 100 - Terex Rough Terrain Crane	Construction Equipment	1	10	3	--	0.161	1.337	1.941	0.003	0.078	0.071	0.108	1.613	13.369	19.409	0.025	0.779	0.714	1.077
2500 Dodge Ram Pickup	Light-duty Truck	2	120	8	110	0.006	0.386	0.036	0.001	0.168	0.046	0.065	0.766	46.265	4.279	0.173	20.182	5.487	7.835
3500 Dodge Ram Pickup	Light-duty Truck	2	120	8	110	0.006	0.386	0.036	0.001	0.168	0.046	0.065	0.766	46.265	4.279	0.173	20.182	5.487	7.835
T 880 Kenworth Dump Truck	Heavy-duty Diesel	1	120	3	6	0.001	0.018	0.063	0.000	0.202	0.062	0.011	0.166	2.125	7.521	0.026	24.268	7.493	1.374
Concrete Truck	Heavy-duty Diesel	2	30	6	60	0.028	0.354	1.253	0.004	0.110	0.034	0.229	0.828	10.625	37.605	0.130	3.309	1.022	6.869
Worker Commutes	Light-duty Auto/Truck	6	120	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.378	23.270	2.074	0.090	11.888	3.232	4.097
Trenching (2-3 Crews)																			
CAT 450 Backhoe	Construction Equipment	3	300	3	--	0.260	3.283	2.553	0.005	0.129	0.118	0.224	78.017	984.786	765.795	1.586	38.691	35.520	67.255
CAT 928 Loader	Construction Equipment	3	300	3	--	0.260	3.283	2.553	0.005	0.129	0.118	0.224	78.017	984.786	765.795	1.586	38.691	35.520	67.255
JD 225 Excavator	Construction Equipment	3	300	3	--	0.277	3.699	2.731	0.006	0.132	0.122	0.257	83.078	1,109.847	819.403	1.798	39.561	36.684	77.046
Doosan Air Compressor 185 CFM	Construction Equipment	3	300	3	--	0.363	2.747	2.526	0.004	0.166	0.166	0.191	108.977	824.126	757.714	1.337	49.920	49.920	57.448
T 880 Kenworth Dump Truck	Heavy-duty Diesel	3	300	3	6	0.004	0.053	0.188	0.001	0.017	0.005	0.034	1.241	15.937	56.407	0.195	4.964	1.533	10.303
1500 Dodge Ram Pickup	Light-duty Truck	3	300	8	110	0.010	0.578	0.053	0.002	0.034	0.014	0.098	2.874	173.493	16.045	0.649	10.102	4.183	29.381
2500 Dodge Ram Pickup	Light-duty Truck	3	300	8	110	0.010	0.578	0.053	0.002	0.252	0.069	0.098	2.874	173.493	16.045	0.649	75.683	20.578	29.381
3500 Dodge Ram Pickup	Light-duty Truck	3	300	3	6	0.001	0.032	0.003	0.000	0.252	0.069	0.005	0.157	9.463	0.875	0.035	75.683	20.578	1.603
Ingersoll Rand DD 24 Roller	Construction Equipment	1	300	3	--	0.074	0.380	0.365	0.000	0.026	0.024	0.019	22.342	114.001	109.398	0.121	7.938	7.310	5.755
Volvo VNX 300 Tractor	Construction Equipment	2	300	8	--	0.419	4.559	4.210	0.006	0.266	0.244	0.273	125.710	1,367.796	1,263.066	1.899	79.756	73.299	81.856
350 kW Generator	Construction Equipment	1	100	1	--	0.144	0.769	1.389	0.004	0.042	0.042	0.197	14.384	76.895	138.946	0.383	4.208	4.208	19.723
3500 Dodge Ram Pickup	Light-duty Truck	1	100	3	6	0.000	0.011	0.001	0.000	0.005	0.001	0.002	0.017	1.051	0.097	0.004	0.459	0.125	0.178
Welding Machine	Construction Equipment	1	100	1	--	0.043	0.221	0.196	0.000	0.011	0.011	0.012	4.276	22.087	19.641	0.032	1.086	1.086	1.176
Boom Truck	Heavy-duty Diesel	1	100	2	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.138	1.771	6.267	0.022	0.552	0.170	1.145
Concrete Truck	Heavy-duty Diesel	3	150	6	60	0.041	0.531	1.880	0.006	0.165	0.051	0.343	6.207	79.685	282.036	0.974	24.819	7.664	51.517
Fugitive Dust [f]	Truck Dumping/Loading	33,500	300	--	--	--	--	--	--	0.004	0.001	--	--	--	--	--	1.172	0.178	--
Fugitive Dust [g]	Grading	0.008	300	3	--	--	--	--	--	0.001	0.000	--	--	--	--	--	0.387	0.042	--
Fugitive Dust [h]	Grading	0.028	300	3	--	--	--	--	--	0.005	0.001	--	--	--	--	--	1.436	0.155	--
Worker Commutes	Light-duty Auto/Truck	24	300	--	21.6	0.013	0.776	0.069	0.003	0.396	0.108	0.137	3.776	232.702	20.736	0.905	118.880	32.316	40.966
Cable Installation & Splicing (2 Crews)																			
3500 Dodge Ram Pickup	Light-duty Truck	2	55	8	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.019	1.157	0.107	0.004	0.505	0.137	0.196
Semi Tractor	Construction Equipment	1	34	3	--	0.098	1.160	1.043	0.002	0.051	0.047	0.077	3.325	39.445	35.461	0.061	1.718	1.583	2.632
Cable Winch	Construction Equipment	1	55	3	--	0.088	0.075	0.804	0.001	0.059	0.054	0.042	4.854	4.104	44.196	0.054	3.222	2.960	2.320
1500 Dodge Ram Pickup	Light-duty Truck	2	90	8	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.031	1.893	0.175	0.007	0.826	0.224	0.321
Cable Reel Cart	Construction Equipment	1	55	3	--	0.088	0.075	0.804	0.001	0.059	0.054	0.042	4.854	4.104	44.196	0.054	3.222	2.960	2.320
2 kW Generator	Construction Equipment	1	90	8	--	0.023	0.124	0.158	0.000	0.007	0.007	0.009	2.034	11.163	14.216	0.025	0.667	0.667	0.811
Vacuum Truck	Heavy-duty Diesel	1	4	6	35	0.008	0.103	0.366	0.001	0.032	0.010	0.067	0.032	0.413	1.462	0.005	0.129	0.040	0.267
Worker Commutes	Light-duty Auto/Truck	32	90	--	21.6	0.017	1.034	0.092	0.004	0.528	0.144	0.182	1.510	93.081	8.294	0.362	47.552	12.927	16.386
Inspectors																			
Inspector Vehicles	Light-duty Auto/Truck	2	317	--	14.6	0.001	0.044	0.004	0.000	0.022	0.006	0.008	0.225	13.850	1.234	0.054	7.076	1.923	2.438
Truck Drivers																			
Material Haul Trucks	Heavy-duty Diesel	14	142	--	45.6	0.147	1.884	6.669	0.023	0.587	0.181	1.218	20.840	267.542	946.939	3.269	83.331	25.730	172.969
Long Haul Dump Truck	Heavy-duty Diesel	1	106	--	526	0.121	1.552	5.494	0.019	0.484	0.149	0.598	12.818	164.552	582.415	2.010	51.253	15.825	63.404

Appendix A, Table 4

Transmission Line Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Miles per Day [c]	Emissions (lbs/day) [d] ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	Emissions (metric tons/day) [d] CO_2	Emissions (lbs/phase) [d] ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	Emissions (metric tons/phase) [d] CO_2
Trenchless Installation																			
Bore Pit Excavation, Stage Equipment and Bore, Pull in Casing and Duct Bundle, Grouting Space Between Casing and Ducts, and Restoration																			
Auger Boring Machine Equipped with Specialized Boring Unit OR Open Face TBM	Construction Equipment	1	30	8	--	0.277	2.081	3.522	0.010	0.101	0.094	0.413	8.302	62.421	105.666	0.292	3.040	2.806	12.380
100-Ton Crane	Construction Equipment	1	30	2	--	0.113	0.529	1.348	0.001	0.056	0.051	0.063	3.403	15.865	40.436	0.044	1.666	1.533	1.901
CAT 345 Excavator	Construction Equipment	1	30	4	--	0.122	1.634	1.206	0.003	0.058	0.054	0.113	3.669	49.016	36.189	0.079	1.747	1.620	3.403
Air Compressor 175 cfs	Construction Equipment	1	30	3	--	0.121	0.916	0.842	0.001	0.055	0.055	0.064	3.633	27.471	25.257	0.045	1.664	1.664	1.915
T 880 Kenworth Dump Truck	Heavy-duty Diesel	3	30	3	6	0.004	0.053	0.188	0.001	0.017	0.005	0.034	0.124	1.594	5.641	0.019	0.496	0.153	1.030
1500 Dodge Ram Pickup	Light-duty Truck	3	30	8	110	0.010	0.578	0.053	0.002	0.252	0.069	0.098	0.287	17.349	1.605	0.065	7.568	2.058	2.938
350 kW Generator	Construction Equipment	1	30	6	--	0.863	4.614	8.337	0.023	0.252	0.252	1.183	25.892	138.411	250.104	0.689	7.575	7.575	35.502
3500 Dodge Ram Pickup	Light-duty Truck	1	30	3	6	0.000	0.011	0.001	0.000	0.005	0.001	0.002	0.005	0.315	0.029	0.001	0.138	0.037	0.053
Welding Machine	Construction Equipment	1	30	1	--	0.043	0.221	0.196	0.000	0.011	0.011	0.012	1.283	6.626	5.892	0.010	0.326	0.326	0.353
Pavement Saw Cutting Equipment	Construction Equipment	1	2	3	--	0.157	1.382	1.237	0.002	0.074	0.074	0.101	0.314	2.765	2.474	0.005	0.149	0.149	0.202
Semi Tractor	Construction Equipment	2	30	8	--	0.522	6.188	5.562	0.010	0.269	0.248	0.413	15.646	185.626	166.874	0.289	8.083	7.448	12.385
Concrete Truck	Heavy-duty Diesel	2	10	6	60	0.028	0.354	1.253	0.004	0.110	0.034	0.229	0.276	3.542	12.535	0.043	1.103	0.341	2.290
Fugitive Dust [f]	Truck Dumping/Loading	425	7	--	--	--	--	--	--	0.002	0.000	--	--	--	--	--	0.015	0.002	--
Fugitive Dust [g]	Grading	0.001	30	4	--	--	--	--	--	0.000	0.000	--	--	--	--	--	0.003	0.000	--
Worker Commutes	Light-duty Auto/Truck	6	30	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.094	5.818	0.518	0.023	2.972	0.808	1.024
Truck Drivers																			
Material Haul Trucks	Heavy-duty Diesel	2	13	--	45.6	0.021	0.269	0.953	0.003	0.084	0.026	0.174	0.273	3.499	12.385	0.043	1.090	0.337	2.262

Notes:

-- = Parameter not required for computing emissions.

[a] Unless otherwise noted, equipment/vehicle list and daily use provided by PG&E.

[b] Hours of operation for all construction equipment were reduced by 2 hours per day to minimize equipment idling time per APM AQ-2, Minimize Construction Exhaust Emissions, and APM GHG-1, Minimize GHG Emissions, which are described in Sections 3.3.4.2 and 3.7.4.2 of the Egbert Switching Station Project PEA. The other reduction measures of APMs AQ-2 and GHG-1 were not quantified as their extent of implementation is currently unknown.

[c] Mileage was based on the following assumptions:

1) Mileage for Worker Commutes for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the H-W trip length.
2) Mileage for onsite dump trucks and pick-up trucks provided by PG&E.
3) Mileage for Inspector Vehicles for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the C-NW trip length.
4) Mileage for Material Haul Trucks and Long Haul Dump Trucks based on travel to Ox Mountain Sanitary Landfill (22.8 miles one way from site) and Buttonwillow Landfill Facility (263 miles one way from site). PG&E estimates that there will be a total of 1,988 trips to Ox Mountain and 106 trips to Buttonwillow during the Installation phase, and 26 trips to Ox Mountain during the Trenchless Installation phase. These trucks will haul away 33,500 yd^3 of material offsite, 16 yd^3 per truck.

[d] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 metric ton =	1,000,000	g
1 ton =	2,000	lbs
1 yd^3 =	1.2641662	tons
Blade width of grading equipment =	12	ft
1 acre =	43,560	ft^2
1 mile =	5,280	ft

[e] PM_{10} and $PM_{2.5}$ emissions include paved road fugitive dust emissions associated with onroad travel.

[f] Fugitive Dust emissions from Truck Dumping/Loading activities are a result of trenching leading to the offhauling of excavated material and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA. Volumes were provided by PG&E, as follows:

Activity	Volume (yd^3)	Comments
Trenching Volume	33,500	Associated with Manholes and Jefferson-Egbert, Martin-Egbert, and Embarcadero-Egbert lines.
Trenchless Volume	425	Associated with the Launching and Receiving Pits.

[g] Fugitive Dust emissions from Grading assume the following areas will be graded by the specified equipment during the specified construction activity, per PG&E guidance, and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA.

Activity	Area (ft^2)	Comments
CAT450 Backhoe during Trenching	99,425	Associated with Manholes and Jefferson-Egbert, Martin-Egbert, and Embarcadero-Egbert lines.
CAT 345 Excavator during Bore Pit Excavation	705	Associated with the Launching and Receiving Pits.

[h] Fugitive Dust emissions from Grading assume the following unpaved staging area may be graded by the specified equipment during the specified construction activity, per PG&E guidance, and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA. Although the use of this staging area is only being potentially considered, emissions associated with its area disturbance are conservatively being included for completeness.

Activity	Area (ft^2)	Comments
CAT450 Backhoe during Trenching	368,618	Associated with the unpaved staging area on Carter Street in Daly City.

Appendix A, Table 5

Switching Station Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Usage per Day (%) [c]	Miles per Day [d]	Emissions (lbs/day) [e]						Emissions (metric tons/day) [e]	Emissions (lbs/phase) [e]						Emissions (metric tons/phase) [e]
							ROG	CO	NOx	SOx	PM_{10} [f]	$PM_{2.5}$ [f]	CO_2	ROG	CO	NOx	SOx	PM_{10} [f]	$PM_{2.5}$ [f]	CO_2
General Construction																				
Mechanics Truck	Medium-duty Diesel	1	440	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.447	2.862	9.169	0.063	2.779	0.973	3.002
Worker Commutes	Light-duty Auto/Truck	12	440	--	--	21.6	0.006	0.388	0.035	0.002	0.198	0.054	0.068	2.769	170.648	15.206	0.663	87.179	23.699	30.042
Civil Site Preparation																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	25	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.017	1.051	0.097	0.003	0.459	0.125	0.178
1-Ton Truck	Medium-duty Diesel	1	25	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.025	0.163	0.521	0.004	0.158	0.055	0.171
Crawler Backhoe	Construction Equipment	1	25	8	25%	--	0.052	0.570	0.526	0.001	0.033	0.031	0.034	1.309	14.248	13.157	0.020	0.831	0.764	0.853
Bulldozer	Construction Equipment	1	5	8	25%	--	0.052	0.570	0.526	0.001	0.033	0.031	0.034	0.262	2.850	2.631	0.004	0.166	0.153	0.171
Front Loader	Construction Equipment	1	15	8	25%	--	0.052	0.570	0.526	0.001	0.033	0.031	0.034	0.786	8.549	7.894	0.012	0.498	0.458	0.512
Short Haul Dump Truck	Heavy-duty Diesel	4	5	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.210	2.692	9.527	0.033	0.838	0.259	1.740
Long Haul Dump Truck	Heavy-duty Diesel	5	10	--	--	526	0.605	7.762	27.472	0.095	2.418	0.746	5.018	6.046	77.619	274.724	0.948	24.176	7.465	50.181
Compactor	Construction Equipment	1	15	8	25%	--	0.138	1.088	0.950	0.002	0.060	0.060	0.075	2.074	16.321	14.247	0.026	0.903	0.903	1.130
Worker Commutes	Light-duty Auto/Truck	6	25	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.079	4.848	0.432	0.019	2.477	0.673	0.853
Fugitive Dust [g]	Bulldozing	1	5	8	25%	--	--	--	--	--	0.241	0.132	--	--	--	--	--	1.204	0.662	--
Fugitive Dust [h]	Truck Dumping/Loading	1,700	25	--	--	--	--	--	--	--	0.002	0.000	--	--	--	--	--	0.059	0.009	--
Fugitive Dust [i]	Grading	0.07	25	8	25%	--	--	--	--	--	0.012	0.001	--	--	--	--	--	0.294	0.032	--
Building Foundations, Excavation, and Install																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	60	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.042	2.524	0.233	0.008	1.101	0.299	0.427
1-Ton Truck	Medium-duty Diesel	1	60	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.061	0.390	1.250	0.009	0.379	0.133	0.409
Crawler Backhoe	Construction Equipment	1	60	8	90%	--	0.189	2.052	1.895	0.003	0.120	0.110	0.123	11.314	123.102	113.676	0.171	7.178	6.597	7.367
Concrete Truck	Heavy-duty Diesel	14	15	--	--	4	0.013	0.165	0.585	0.002	0.051	0.016	0.107	0.193	2.479	8.774	0.030	0.772	0.238	1.603
Front Loader	Construction Equipment	1	60	8	10%	--	0.021	0.228	0.211	0.000	0.013	0.012	0.014	1.257	13.678	12.631	0.019	0.798	0.733	0.819
Short Haul Dump Truck	Heavy-duty Diesel	4	16	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.671	8.613	30.485	0.105	2.683	0.828	5.568
Long Haul Dump Truck	Heavy-duty Diesel	2	8	--	--	526	0.242	3.105	10.989	0.038	0.967	0.299	2.007	1.935	24.838	87.912	0.303	7.736	2.389	16.058
Compactor	Construction Equipment	1	60	8	5%	--	0.028	0.218	0.190	0.000	0.012	0.012	0.015	1.659	13.057	11.397	0.021	0.723	0.723	0.904
Worker Commutes	Light-duty Auto/Truck	8	60	--	--	21.6	0.004	0.259	0.023	0.001	0.132	0.036	0.046	0.252	15.513	1.382	0.060	7.925	2.154	2.731
Fugitive Dust [h]	Truck Dumping/Loading	2,500	60	--	--	--	--	--	--	--	0.001	0.000	--	--	--	--	--	0.087	0.013	--
Remaining Equipment Foundations																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	40	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.028	1.682	0.156	0.005	0.734	0.200	0.285
1-Ton Truck	Medium-duty Diesel	1	40	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.041	0.260	0.834	0.006	0.253	0.088	0.273
Crawler Backhoe	Construction Equipment	1	40	8	90%	--	0.189	2.052	1.895	0.003	0.120	0.110	0.123	7.543	82.068	75.784	0.114	4.785	4.398	4.911
Concrete Truck	Heavy-duty Diesel	1	3	--	--	4	0.001	0.012	0.042	0.000	0.004	0.001	0.008	0.003	0.035	0.125	0.000	0.011	0.003	0.023
Dump Truck	Heavy-duty Diesel	4	2	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.084	1.077	3.811	0.013	0.335	0.104	0.696
Compactor	Construction Equipment	1	3	8	5%	--	0.028	0.218	0.190	0.000	0.012	0.012	0.015	0.083	0.653	0.570	0.001	0.036	0.036	0.045
Worker Commutes	Light-duty Auto/Truck	6	40	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.126	7.757	0.691	0.030	3.963	1.077	1.366
Ground Grid and Conduits																				
3/4-Ton Pick-up Truck	Light-duty Truck	4	20	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.014	0.841	0.078	0.003	0.367	0.100	0.142
1-Ton Truck	Medium-duty Diesel	1	20	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.020	0.130	0.417	0.003	0.126	0.044	0.136
Crawler Backhoe	Construction Equipment	1	20	8	50%	--	0.105	1.140	1.053	0.002	0.066	0.061	0.068	2.095	22.797	21.051	0.032	1.329	1.222	1.364
Trencher	Construction Equipment	1	20	8	25%	--	0.105	0.659	0.949	0.001	0.071	0.065	0.037	2.098	13.181	18.982	0.017	1.420	1.307	0.741
Dump Truck	Heavy-duty Diesel	4	2	--	--	45.6	0.042	0.538	1.905	0.007	0.168	0.052	0.348	0.084	1.077	3.811	0.013	0.335	0.104	0.696
Compactor	Construction Equipment	1	20	8	5%	--	0.028	0.218	0.190	0.000	0.012	0.012	0.015	0.553	4.352	3.799	0.007	0.241	0.241	0.301
Worker Commutes	Light-duty Auto/Truck	6	20	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.063	3.878	0.346	0.015	1.981	0.539	0.683
Building Delivery and Erection																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	60	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.021	1.262	0.117	0.004	0.550	0.150	0.214
Manlift	Construction Equipment	1	60	8	80%	--	0.032	0.875	0.515	0.001	0.012	0.010	0.059	1.901	52.523	30.894	0.083	0.694	0.628	3.541
Forklift	Construction Equipment	1	60	8	60%	--	0.086	0.708	0.778	0.001	0.058	0.053	0.040	5.187	42.489	46.709	0.057	3.481	3.198	2.417
Boom Truck	Heavy-duty Diesel	1	60	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.083	1.062	3.760	0.013	0.331	0.102	0.687
Mobile Crane	Construction Equipment	1	60	8	90%	--	0.408	1.904	4.852	0.005	0.200	0.184	0.228	24.499	114.228	291.138	0.319	11.994	11.037	13.687
Worker Commutes	Light-duty Auto/Truck	10	60	--	--	21.6	0.005	0.323	0.029	0.001	0.165	0.045	0.057	0.315	19.392	1.728	0.075	9.907	2.693	3.414
Set Series and Shunt Reactors on Pads																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	5	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.002	0.105	0.010	0.000	0.046	0.012	0.018
Boom Truck	Heavy-duty Diesel	1	5	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.007	0.089	0.313	0.001	0.028	0.009	0.057
Mobile Crane	Construction Equipment	1	5	8	90%	--	0.408	1.904	4.852	0.005	0.200	0.184	0.228	2.042	9.519	24.261	0.027	1.000	0.920	1.141
Worker Commutes	Light-duty Auto/Truck	8	5	--	--	21.6	0.004	0.259	0.023	0.001	0.132	0.036	0.046	0.021	1.293	0.115	0.005	0.660	0.180	0.228
Screen Walls																				
Rigging Truck	Heavy-duty Diesel	1	10	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.014	0.177	0.627	0.002	0.055	0.017	0.114
Forklift	Construction Equipment	1	10	8	80%	--	0.115	0.944	1.038	0.001	0.077	0.071	0.054	1.153	9.442	10.380	0.013	0.774	0.711	0.537
Manlift	Construction Equipment	1	10	8	80%	--	0.032	0.875	0.515	0.001	0.012	0.010	0.059	0.317	8.754	5.149	0.014	0.116	0.105	0.590
Mobile Crane	Construction Equipment	1	10	8	80%	--	0.363	1.692	4.313	0.005	0.178	0.164	0.203	3.630	16.923	43.132	0.047	1.777	1.635	2.028
1-Ton Truck	Medium-duty Diesel	1	10	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.010	0.065	0.208	0.001	0.063	0.022	0.068
3/4-Ton Pick-up Truck	Light-duty Truck	2	10	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.003	0.210	0.019	0.001	0.092	0.025	0.036
Worker Commutes	Light-duty Auto/Truck	6	10	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.031	1.939	0.173	0.008	0.991	0.269	0.341
Install GIS Equipment and Wire; Control Room and Battery Room Equipment; 230 kV Bus Work; 230 kV Cable Installation/Tie-in; Dress/Test/Wire Equipment																				
Rigging Truck	Heavy-duty Diesel	1	10	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.014	0.177	0.627	0.002	0.055	0.017	0.114
Forklift	Construction Equipment	1	120	8	80%	--	0.115	0.944	1.038	0.001	0.077	0.071	0.054	13.833	113.303	124.558	0.151	9.282	8.529	6.446
Manlift	Construction Equipment	2	120	8	80%	--	0.063	1.751	1.030	0.003	0.023	0.021	0.118	7.605	210.092	123.576	0.331	2.778	2.513	14.163
Boom Truck	Heavy-duty Diesel	1	30	--	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.041	0.531	1.880	0.006	0.165	0.051	0.343
1-Ton Truck	Medium-duty Diesel	1	120	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.122	0.781	2.501	0.017	0.758	0.265	0.819
3/4-Ton Pick-up Truck	Light-duty Truck	4	120	--	--	6	0.001	0.042	0.004	0.000	0.018	0.005	0.007	0.084	5.047	0.467	0.016	2.202	0.599	0.855
Worker Commutes	Light-duty Auto/Truck	34	120	--	--	21.6	0.018	1.099	0.098	0.004	0.561	0.153	0.193	2.140	131.865	11.750	0.513	67.366	18.313	23.214

Appendix A, Table 5

Switching Station Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Usage per Day (%) [c]	Miles per Day [d]	Emissions (lbs/day) [e]						Emissions (metric tons/day) [e]	Emissions (lbs/phase) [e]						Emissions (metric tons/phase) [e]
							ROG	CO	NOx	SOx	PM_{10} [f]	$PM_{2.5}$ [f]	CO_2	ROG	CO	NOx	SOx	PM_{10} [f]	$PM_{2.5}$ [f]	CO_2
Install and Test Oil Pump House, SSVTs																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	40	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.014	0.841	0.078	0.003	0.367	0.100	0.142
1-Ton Truck	Medium-duty Diesel	2	40	--	--	6	0.002	0.013	0.042	0.000	0.013	0.004	0.014	0.081	0.520	1.667	0.012	0.505	0.177	0.546
Mobile Crane	Construction Equipment	1	40	8	5%	--	0.023	0.106	0.270	0.000	0.011	0.010	0.013	0.907	4.231	10.783	0.012	0.444	0.409	0.507
Worker Commutes	Light-duty Auto/Truck	6	40	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.126	7.757	0.691	0.030	3.963	1.077	1.366
Testing and Commissioning																				
3/4-Ton Pick-up Truck	Light-duty Truck	2	60	--	--	6	0.000	0.011	0.001	0.000	0.005	0.001	0.004	0.010	0.631	0.058	0.002	0.275	0.075	0.214
1-Ton Truck	Medium-duty Diesel	2	60	--	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.014	0.061	0.390	1.250	0.009	0.379	0.133	0.819
Manlift	Construction Equipment	1	60	8	80%	--	0.032	0.875	0.515	0.001	0.012	0.010	0.059	1.901	52.523	30.894	0.083	0.694	0.628	3.541
Worker Commutes	Light-duty Auto/Truck	4	60	--	--	21.6	0.002	0.129	0.012	0.001	0.066	0.018	0.023	0.126	7.757	0.691	0.030	3.963	1.077	1.366
Exterior Walls, Final Grading, and Paving																				
2-Ton Flat Bed Truck	Heavy-duty Diesel	2	15	--	--	6	0.003	0.035	0.125	0.000	0.011	0.003	0.023	0.041	0.531	1.880	0.006	0.165	0.051	0.343
3/4-Ton Pick-up Truck	Light-duty Truck	2	47	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.016	0.988	0.091	0.003	0.431	0.117	0.167
Boom Truck	Heavy-duty Diesel	2	47	--	--	6	0.003	0.035	0.125	0.000	0.011	0.003	0.023	0.130	1.665	5.891	0.020	0.518	0.160	1.076
Small Backhoe	Construction Equipment	1	47	8	90%	--	0.189	2.052	1.895	0.003	0.120	0.110	0.123	8.863	96.430	89.046	0.134	5.623	5.168	5.771
Concrete Truck	Heavy-duty Diesel	15	5	--	--	4	0.014	0.177	0.627	0.002	0.055	0.017	0.114	0.069	0.885	3.134	0.011	0.276	0.085	0.572
Worker Commutes	Light-duty Auto/Truck	6	47	--	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.148	9.114	0.812	0.035	4.656	1.266	1.604
Cleanup and Landscaping																				
2-Ton Flat Bed Truck	Heavy-duty Diesel	2	20	--	--	6	0.003	0.035	0.125	0.000	0.011	0.003	0.023	0.055	0.708	2.507	0.009	0.221	0.068	0.458
3/4-Ton Pick-up Truck	Light-duty Truck	2	20	--	--	6	0.000	0.021	0.002	0.000	0.009	0.002	0.004	0.007	0.421	0.039	0.001	0.183	0.050	0.071
1-Ton Truck	Medium-duty Diesel	2	20	--	--	6	0.002	0.013	0.042	0.000	0.013	0.004	0.014	0.041	0.260	0.834	0.006	0.253	0.088	0.273
Small Backhoe	Construction Equipment	1	20	8	90%	--	0.189	2.052	1.895	0.003	0.120	0.110	0.123	3.771	41.034	37.892	0.057	2.393	2.199	2.456
Concrete Truck	Heavy-duty Diesel	2	20	--	--	4	0.002	0.024	0.084	0.000	0.007	0.002	0.015	0.037	0.472	1.671	0.006	0.147	0.045	0.305
Worker Commutes	Light-duty Auto/Truck	8	20	--	--	21.6	0.004	0.259	0.023	0.001	0.132	0.036	0.046	0.084	5.171	0.461	0.020	2.642	0.718	0.910
Truck Drivers																				
Material Haul Trucks	Heavy-duty Diesel	1	97	--	--	45.6	0.010	0.135	0.476	0.002	0.042	0.013	0.087	1.017	13.054	46.204	0.159	4.066	1.255	8.440
Inspectors																				
Inspector Vehicles	Light-duty Auto/Truck	2	440	--	--	14.6	0.001	0.044	0.004	0.000	0.022	0.006	0.008	0.312	19.224	1.713	0.075	9.821	2.670	3.384
Construction Trailers [j]	8 feet by 28 feet	2	730	--	--	--	--	--	--	--	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.71

Notes:

-- = Parameter not required for computing emissions.

[a] Unless otherwise noted, equipment/vehicle list and daily use provided by PG&E.

[b] Hours of operation for all construction equipment were reduced by 2 hours per day to minimize equipment idling time per APM AQ-2, Minimize Construction Exhaust Emissions, and APM GHG-1, Minimize GHG Emissions, which are described in Sections 3.3.4.2 and 3.7.4.2 of the Egbert Switching Station Project PEA. The other reduction measures of APMs AQ-2 and GHG-1 were not quantified as their extent of implementation is currently unknown.

[c] Usage per Day is only necessary for the construction equipment which would operate on an hourly basis; vehicles would make specific trips each day per the assumptions noted below.

[d] Mileage was based on the following assumptions:

1) Mileage for Worker Commutes for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the H-W trip length.
2) Mileage for onsite service or construction vehicles and pick-up trucks provided by PG&E.
3) Mileage for Dump Trucks, Short Haul Dump Trucks, and Material Haul Trucks based on travel to Ox Mountain Sanitary Landfill (22.8 miles from site). PG&E estimates that there will be a total of 197 trips to Ox Mountain throughout the entire Switching Station construction timeframe.
4) Mileage for Long Haul Dump Trucks based on travel to Button Willow Clean Harbors.
5) Mileage for Concrete Trucks based on travel to Central Concrete at 450 Amador Street in San Francisco.
6) Mileage for Inspector Vehicles for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the C-NW trip length.
7) Mileage for Long Haul Dump Trucks base on travel to Buttonwillow Landfill Facility (263 miles from site). PG&E estimates that there will be a total of 66 trips to Buttonwillow throughout the entire Switching Station Construction timeframe.

[e] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 metric ton =	1,000,000	g
1 ton =	2,000	lbs
1 yd^3 =	1.2641662	tons
Blade width of grading equipment =	12	ft
1 acre =	43,560	ft^2
1 mile =	5,280	ft

[f] PM_{10} and $PM_{2.5}$ emissions include paved road fugitive dust emissions associated with onroad travel.

[g] Fugitive Dust emissions from Bulldozing are based on the hours of operation of the Bulldozer, consistent with methodology in Appendix A of the CalEEMod User's Guide (Environ, 2016) and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA.

[n] Fugitive Dust emissions from Truck Dumping/Loading activities are a result of trenching leading to the offhauling of excavated material and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA. Volumes were provided by PG&E, as follows:

Activity	Volume (yd^3)
Site Grading/Soil Removal	1,700
Foundation/Pads	2,500

[i] Fugitive Dust emissions from Grading assume the Crawler Backhoe will grade up to 75,359 ft^2 during Civil Site Preparation, per PG&E guidance, and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA. This equates to approximately 0.07 acres graded per day.

[j] Construction trailer CO_2 emissions were based on electrical use of 5 kilowatt-hour/square foot/year electrical use from PG&E and PG&E's electrical system's CO_2 emission rate of 349 lb CO_2/MWh. It was assumed trailers are in place for 2 years (https://www.pge.com/includes/docs/pdfs/shared/environment/calculator/pge_ghg_emission_factor_info_sheet.pdf).

Appendix A, Table 6

Substation-Remote Ends Construction Emissions with APMs AQ-1, AQ-2, and GHG-1 [a]

PG&E: Egbert Switching Station Project

Equipment / Vehicle List	Equipment / Vehicle Type	Quantity	Number of Days Used	Hours per Day [b]	Miles per Day [c]	Emissions (lbs/day) [d]						Emissions (metric tons/day) [d]	Emissions (lbs/phase) [d]						Emissions (metric tons/phase) [d]
						ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2	ROG	CO	NOx	SOx	PM_{10} [e]	$PM_{2.5}$ [e]	CO_2
General Construction																			
Mechanics Truck	Medium-duty Diesel	1	100	--	6	0.001	0.007	0.021	0.000	0.006	0.002	0.007	0.102	0.651	2.084	0.014	0.632	0.221	0.682
Worker Commutes	Light-duty Auto/Truck	10	100	--	21.6	0.005	0.323	0.029	0.001	0.165	0.045	0.057	0.524	32.320	2.880	0.126	16.511	4.488	5.690
Martin Substation Series and Shunt Reactor Removal																			
3/4-Ton Pick-up Truck	Light-duty Truck	4	60	--	20	0.002	0.140	0.013	0.000	0.061	0.017	0.024	0.139	8.412	0.778	0.027	3.669	0.998	1.425
1-Ton Truck	Medium-duty Diesel	1	60	--	20	0.003	0.022	0.069	0.000	0.021	0.007	0.023	0.203	1.301	4.168	0.029	1.263	0.442	1.365
Manlift	Construction Equipment	1	10	3	--	0.015	0.410	0.241	0.001	0.005	0.005	0.028	0.149	4.103	2.414	0.006	0.054	0.049	0.277
Dump Truck	Heavy-duty Diesel	1	20	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.028	0.354	1.253	0.004	0.110	0.034	0.229
Boom Truck	Heavy-duty Diesel	1	25	--	6	0.001	0.018	0.063	0.000	0.006	0.002	0.011	0.034	0.443	1.567	0.005	0.138	0.043	0.286
Mobile Crane	Construction Equipment	1	15	4	--	0.227	1.058	2.696	0.003	0.111	0.102	0.127	3.403	15.865	40.436	0.044	1.666	1.533	1.901
Jack Hammer	Construction Equipment	1	15	4	--	0.020	0.105	0.126	0.000	0.005	0.005	0.008	0.301	1.578	1.885	0.004	0.073	0.073	0.117
Small Backhoe	Construction Equipment	1	5	3	--	0.079	0.855	0.789	0.001	0.050	0.046	0.051	0.393	4.274	3.947	0.006	0.249	0.229	0.256
Oil Truck	Heavy-duty Diesel	1	2	--	14.6	0.003	0.043	0.153	0.001	0.013	0.004	0.028	0.007	0.086	0.305	0.001	0.027	0.008	0.056
Semi Truck	Heavy-duty Diesel	1	4	--	14.6	0.003	0.043	0.153	0.001	0.013	0.004	0.028	0.013	0.172	0.610	0.002	0.054	0.017	0.111
Worker Commutes	Light-duty Auto/Truck	6	60	--	21.6	0.003	0.194	0.017	0.001	0.099	0.027	0.034	0.189	11.635	1.037	0.045	5.944	1.616	2.048
Fugitive Dust [f]	Grading	0.35	5	3	--	--	--	--	--	0.059	0.006	--	--	--	--	--	0.297	0.032	--
Jefferson, Martin, and Embarcadero Indoor Work																			
3/4-Ton Pick-up Truck	Light-duty Truck	3	40	--	20	0.002	0.105	0.010	0.000	0.046	0.012	0.018	0.070	4.206	0.389	0.013	1.835	0.499	0.712
Worker Commutes	Light-duty Auto/Truck	3	40	--	21.6	0.002	0.097	0.009	0.000	0.050	0.013	0.017	0.063	3.878	0.346	0.015	1.981	0.539	0.683
Inspectors																			
Inspector Vehicles	Light-duty Auto/Truck	1	60	--	14.6	0.000	0.022	0.002	0.000	0.011	0.003	0.004	0.021	1.311	0.117	0.005	0.670	0.182	0.231
Truck Drivers																			
Material Haul Trucks	Heavy-duty Diesel	1	8	--	45.6	0.010	0.135	0.476	0.002	0.042	0.013	0.087	0.084	1.077	3.811	0.013	0.335	0.104	0.696
Construction Trailers [g]	12 feet by 56 feet	1	730	--	--	--	--	--	--	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	1.06

Notes:

-- = Parameter not required for computing emissions.

[a] Unless otherwise noted, equipment/vehicle list and daily use provided by PG&E.

[b] Hours of operation for all construction equipment were reduced by 2 hours per day to minimize equipment idling time per APM AQ-2, Minimize Construction Exhaust Emissions, and APM GHG-1, Minimize GHG Emissions, which are described in Sections 3.3.4.2 and 3.7.4.2 of the Egbert Switching Station Project PEA. The other reduction measures of APMs AQ-2 and GHG-1 were not quantified as their extent of implementation is currently unknown.

[c] Mileage was based on the following assumptions:

1) Mileage for Worker Commutes and Vendor Trips/Inspector Vehicles for the San Francisco Bay Area Air Basin from Table 4.2 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016) assuming the H-W and C-NW trip lengths, respectively.

2) Mileage for onsite service or construction vehicles and pick-up trucks provided by PG&E.

3) Mileage for the Material Haul Trucks based on travel to Ox Mountain Sanitary Landfill (22.8 miles one way from site). PG&E estimates that there will be 8 trips to Ox Mountain during the Substation-Remote Ends construction timeframe.

[d] The following conversion factors were used to estimate emissions:

1 lb =	453.6	g
1 metric ton =	1,000,000	g
1 ton =	2,000	lbs
1 yd^3 =	1.2641162	tons
Blade width of grading equipment =	12	ft
1 acre =	43,560	ft^2
1 mile =	5,280	ft

[e] PM_{10} and $PM_{2.5}$ emissions include paved road fugitive dust emissions associated with onroad travel.

[f] Fugitive Dust emissions from Grading assume the Small Backhoe will grade up to 0.35 acres per day, per PG&E guidance, and account for APM AQ-1, Minimize Fugitive Dust, as described in Section 3.3.4.2 of the Egbert Switching Station Project PEA.

[g] Construction trailer CO_2 emissions were based on electrical use of 5 kilowatt-hour/square foot/year electrical use from PG&E and PG&E's electrical system's CO_2 emission rate of 349 lb CO_2/MWh. It was assumed the trailers are in place for 2 years (https://www.pge.com/includes/docs/pdfs/shared/environment/calculator/pge_ghg_emission_factor_info_sheet.pdf).

Appendix A, Table 7

Construction Equipment Emission Factors

PG&E: Egbert Switching Station Project

Equipment [a]	OFFROAD Equipment Category	Horsepower [b]	Load Factor [b]	Emission Factors (g/bhp-hr) [c]						
				ROG	CO	NOx	SOx	PM_{10}	$PM_{2.5}$	CO_2
CAT 328 Excavator [d]	Excavator	204	0.38	0.177	1.118	2.027	0.005	0.061	0.056	471.883
CAT 928 Loader [d]	Tractor/Loader/Backhoe	144	0.37	0.246	3.105	2.415	0.005	0.122	0.112	467.513
JD 225 Excavator [d]	Excavator	159	0.38	0.231	3.086	2.278	0.005	0.110	0.102	472.289
CAT 450 Backhoe [d]	Tractor/Loader/Backhoe	144	0.37	0.246	3.105	2.415	0.005	0.122	0.112	467.513
RT 100 - Terex Rough Terrain Crane [d]	Crane	262	0.29	0.321	2.660	3.862	0.005	0.155	0.142	472.558
Ingersoll Rand DD 24 Roller [d]	Roller	32	0.38	0.926	4.725	4.534	0.005	0.329	0.303	525.880
Volvo VNX 300 Tractor	Tractor/Loader/Backhoe	97	0.37	0.331	3.601	3.326	0.005	0.210	0.193	475.154
Doosan Air Compressor 185 CFM, Air Compressor 175 cfs	Air Compressor	78	0.48	0.489	3.698	3.400	0.006	0.224	0.224	568.299
Semi Tractor	Off-Highway Tractor	124	0.44	0.271	3.215	2.890	0.005	0.140	0.129	472.917
Cable Winch	Other General Industrial Equipment	88	0.34	0.446	0.377	4.061	0.005	0.296	0.272	470.000
Cable Reel Cart	Other General Industrial Equipment	88	0.34	0.446	0.377	4.061	0.005	0.296	0.272	470.000
2 kW Generator [e]	Generator Set	2.7	0.74	0.646	3.546	4.516	0.008	0.212	0.212	568.299
350 kW Generator [e]	Generator Set	469	0.74	0.188	1.005	1.816	0.005	0.055	0.055	568.299
Auger Boring	Bore/Drill Rig	221	0.50	0.142	1.068	1.807	0.005	0.052	0.048	466.834
100-Ton Crane, Mobile Crane	Crane	231	0.29	0.384	1.790	4.563	0.005	0.188	0.173	472.949
CAT 345 Excavator	Excavator	158	0.38	0.231	3.086	2.278	0.005	0.110	0.102	472.289
Welding Machine	Welder	46	0.45	0.937	4.840	4.304	0.007	0.238	0.238	568.299
Pavement Saw Cutting Equipment	Concrete/Industrial Saw	81	0.73	0.401	3.535	3.163	0.006	0.190	0.190	568.299
Small Backhoe, Crawler Backhoe	Tractor/Loader/Backhoe	97	0.37	0.331	3.601	3.326	0.005	0.210	0.193	475.154
Bulldozer	Tractor/Loader/Backhoe	97	0.37	0.331	3.601	3.326	0.005	0.210	0.193	475.154
Front Loader	Tractor/Loader/Backhoe	97	0.37	0.331	3.601	3.326	0.005	0.210	0.193	475.154
Compactor	Crushing Equipment	85	0.78	0.473	3.722	3.249	0.006	0.206	0.206	568.299
Manlift	Aerial Lift	63	0.31	0.115	3.177	1.869	0.005	0.042	0.038	472.114
Forklift	Forklift	89	0.20	0.459	3.760	4.133	0.005	0.308	0.283	471.529
Trencher	Trencher	78	0.50	0.610	3.833	5.520	0.005	0.413	0.380	475.127
Jack Hammer	Plate Compactor	8	0.43	0.661	3.469	4.142	0.008	0.161	0.161	568.299

Notes:

[a] The BTI Breaker, Hoe Ram, and HPSI 100 Sheet Driver for Excavator were not included in the above table, or resulting emissions estimates, as they are expected to be hydraulically-powered with negligible emissions.

[b] Unless otherwise noted, Horsepower and Load Factors taken as the default, average values provided in Table 3.3 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016).

[c] Emission Factors in grams per brake-horsepower-hour (g/bhp-hr) taken as the defaults for the year 2020 provided in Table 3.4 of Appendix D of the *CalEEMod User's Guide* (Environ, 2016).

[d] Horsepower ratings for these equipment were provided by PG&E.

[e] Horsepower (hp) ratings for the 2 kW and 350 kW Generators estimated using the following conversion factor:

1 kW = 1.34 hp

Appendix A, Table 8
Vehicle Emission Factors
PG&E: Egbert Switching Station Project

Vehicle	Vehicle Class [a]	Exhaust Emission Factors (g/mile) [b]							Paved Road Emission Factors (g/mile) [c]	
		ROG	CO	NOx	SOx	PM_{10}	$PM_{2.5}$	CO_2	PM_{10}	$PM_{2.5}$
Rigging Truck, Material Haul Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Mechanics Truck	Medium-duty Diesel	0.077	0.492	1.575	0.011	0.177	0.092	1,137.169	0.300	0.075
Worker Commutes, Inspector Vehicles	Light-duty Auto/Truck	0.011	0.679	0.060	0.003	0.046	0.019	263.411	0.300	0.075
3/4-Ton Pick-up Truck	Light-duty Truck	0.013	0.795	0.074	0.003	0.046	0.019	296.782	0.300	0.075
1-Ton Truck	Medium-duty Diesel	0.077	0.492	1.575	0.011	0.177	0.092	1,137.169	0.300	0.075
Concrete Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Boom Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
2-Ton Flat Bed Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Oil Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Dump Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Semi Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Short Haul Dump Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Long Haul Dump Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
1500 Dodge Ram Pickup	Light-duty Truck	0.013	0.795	0.074	0.003	0.046	0.019	296.782	0.300	0.075
2500 Dodge Ram Pickup	Light-duty Truck	0.013	0.795	0.074	0.003	0.046	0.019	296.782	0.300	0.075
3500 Dodge Ram Pickup	Light-duty Truck	0.013	0.795	0.074	0.003	0.046	0.019	296.782	0.300	0.075
T 880 Kenworth Dump Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075
Vacuum Truck	Heavy-duty Diesel	0.104	1.339	4.738	0.016355	0.116	0.054	1,908.037	0.300	0.075

Notes:

[a] The vehicle classes are represented as follows:

Light-duty Truck: Assumed to be 50% LDT1 Gas and 50% LDT2 Gas values.
Heavy-duty Diesel: Assumed to be 100% HHDT DSL values, per Section 4.5 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).
Medium-duty Diesel: 100% MHDT DSL values, per Section 4.5 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).
Light-duty Auto/Truck: 50% LDA Gas, 25% LDT1 Gas, and 25% LDT2 Gas values, per Section 4.5 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).

[b] Exhaust Emission Factors in grams per mile (g/mile) from EMFAC2014 for the San Francisco Bay Area Air Basin, calendar year 2020. A speed of 40 miles per hour (mph) was assumed for onroad vehicles, which is consistent with the CalEEMod default; because the project site is so small, it was assumed that all vehicles would be considered offsite, onroad vehicles and that no vehicles would travel onsite. An average temperature of 62 degrees Fahrenheit (°F) and humidity of 63% were used per Table 1 of CT-EMFAC: A Computer Model to Estimate Transportation Project Emissions (UC-Davis, 2007).

[c] Paved road emission factors calculated using CalEEMod methodology, as described below.

Derivation of Paved Road Emission Factors

Parameter	PM_{10}	$PM_{2.5}$
Average Weight [a]	2.4	2.4
k [b]	1	0.25
sL [a]	0.1	0.1
Emission Factor (g/mile) [c]	**0.300**	**0.075**

Notes:

[a] Average Weight and sL taken as the default value from CalEEMod.

[b] k taken from Table 13.2.1-1 of Section 13.2.1 of *AP-42* (USEPA, 2011).

[c] Emission factor calculated using Equation 1 from Section 13.2.1 of *AP-42* (USEPA, 2011), which is generally consistent with Section 5.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016):

$$\text{Emission Factor (g/mile)} = k \text{ (g/mile)} \times [sL \text{ (g/m}^2)]^{0.91} \times [\text{Average Weight (tons)}]^{1.02}$$

Appendix A, Table 9
Fugitive Dust Emission Factors
PG&E: Egbert Switching Station Project

Fugitive Dust Emission Factors for Truck Dumping/Loading
Truck Dumping on a Pile or Loading to a Truck from a Pile

Parameter	PM_{10}	$PM_{2.5}$
k [a]	0.35	0.053
U [b]	4.9	4.9
M [a]	12.0	12.0
Emission Factor (lb/ton) [c]	0.0001	0.00001
Reduction from Watering to Maintain 12% Moisture [d]	69%	69%
Emission Factor (Controlled, lb/ton)	0.00003	0.000004

Notes:

[a] k and M taken from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).

[b] U taken as the CalEEMod default for the San Francisco climate region of the San Francisco Bay Area Air Basin. Value converted from units of m/s to mph.

[c] Emission factor calculated using the following equation from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016):

Emission Factor (lb/ton) = $k \times 0.0032 \times [U\ (mph) / 5]^{1.3} / [M\ (\%) / 2]^{1.4}$

[d] Control efficiency taken from Table XI-A of the *SCAQMD CEQA Air Quality Analysis Handbook* for Scraper Loading and Unloading (SCAQMD, 2007).

Fugitive Dust Emission Factors for Grading
Grading Equipment Passes

Parameter	PM_{10}	$PM_{2.5}$
S [a]	7.1	7.1
F [a]	0.6	0.031
Emission Factor (lb/VMT) [b]	1.543	0.167
Reduction from Applying Soil Stabilizers [c]	84%	84%
Emission Factor (Controlled, lb/VMT)	0.247	0.027

Notes:

[a] S and F taken from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016).

[b] Emission factor calculated using the following equation from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016):

PM_{10} Emission Factor (lb/VMT) = $0.051 \times [S\ (mph)]^{2.0} \times F_{PM10}$

$PM_{2.5}$ Emission Factor (lb/VMT) = $0.04 \times [S\ (mph)]^{2.5} \times F_{PM2.5}$

[c] Control efficiency taken from Table XI-A of the *SCAQMD CEQA Air Quality Analysis Handbook* for Post-demolition Stabilization (SCAQMD, 2007).

Fugitive Dust Emission Factors for Bulldozing
Bulldozing Equipment Passes

Parameter	PM_{10}	$PM_{2.5}$
C [a]	1.0	5.7
M	7.9	7.9
s [a]	6.9	6.9
F [a]	0.75	0.105
Emission Factor (lb/hr) [b]	0.753	0.414
Reduction from Applying Soil Stabilizers [c]	84%	84%
Emission Factor (Controlled, lb/hr)	0.120	0.066

Notes:

[a] C, M, s, and F taken from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016). These values are consistent with the CalEEMod defaults for the San Francisco Bay Area Air Basin.

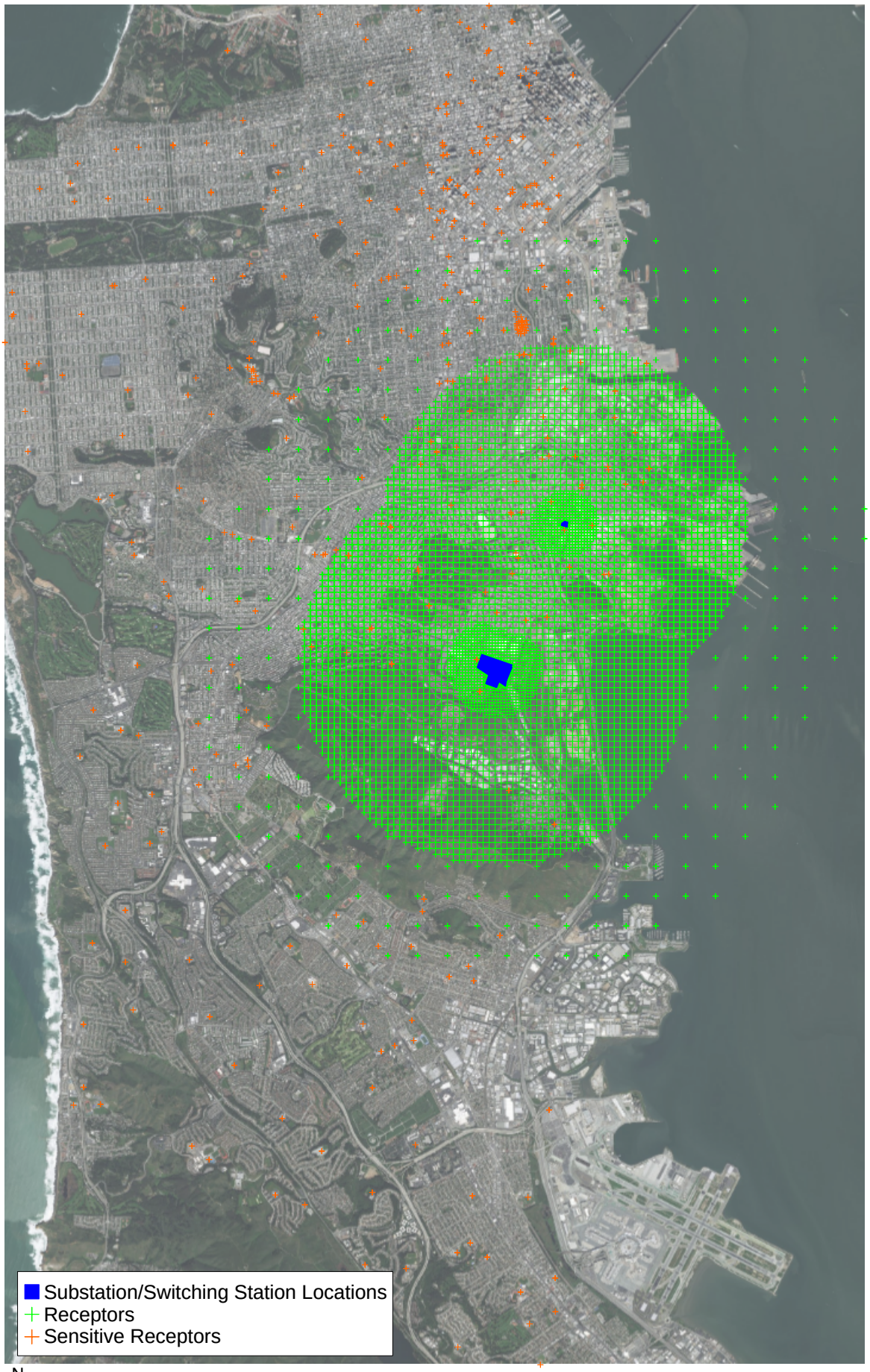
[b] Emission factor calculated using the following equation from Section 4.3 of Appendix A of the *CalEEMod User's Guide* (Environ, 2016):

PM_{10} Emission Factor (lb/hr) = $\{[C \times s\ (\%)^{1.5}] / [M\ (\%)^{1.4}]\} \times F_{PM10}$

$PM_{2.5}$ Emission Factor (lb/hr) = $\{[C \times s\ (\%)^{1.2})] / [M\ (\%)^{1.3}]\} \times F_{PM2.5}$

[c] Control efficiency taken from Table XI-A of the *SCAQMD CEQA Air Quality Analysis Handbook* for Post-demolition Stabilization (SCAQMD, 2007).

Appendix B
AERMOD



Appendix B, Figure 1
Screening Health Risk Assessment Receptor Grid
Egbert Switching Station Project
San Francisco, CA

Appendix B, Table 1

AERMOD Source Inputs

PG&E: Egbert Switching Station Project

Source ID	Stack Release Type	Source Description	Easting (X) (m)	Northing (Y) (m)	Base Elevation (m)	Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	DPM Emission Rate [a] (g/s)
ESS_01	HORIZONTAL	Switching Station	553,153.89	4,175,522.56	9.24	4.6	533	18	0.127	8.133E-06
ESS_02	HORIZONTAL	Switching Station	553,123.89	4,175,532.56	9.78	4.6	533	18	0.127	8.133E-06
ESS_03	HORIZONTAL	Switching Station	553,133.89	4,175,532.56	9.59	4.6	533	18	0.127	8.133E-06
ESS_04	HORIZONTAL	Switching Station	553,143.89	4,175,532.56	9.41	4.6	533	18	0.127	8.133E-06
ESS_05	HORIZONTAL	Switching Station	553,153.89	4,175,532.56	9.23	4.6	533	18	0.127	8.133E-06
ESS_06	HORIZONTAL	Switching Station	553,083.89	4,175,542.56	10.42	4.6	533	18	0.127	8.133E-06
ESS_07	HORIZONTAL	Switching Station	553,093.89	4,175,542.56	10.30	4.6	533	18	0.127	8.133E-06
ESS_08	HORIZONTAL	Switching Station	553,103.89	4,175,542.56	10.13	4.6	533	18	0.127	8.133E-06
ESS_09	HORIZONTAL	Switching Station	553,113.89	4,175,542.56	9.97	4.6	533	18	0.127	8.133E-06
ESS_10	HORIZONTAL	Switching Station	553,123.89	4,175,542.56	9.79	4.6	533	18	0.127	8.133E-06
ESS_11	HORIZONTAL	Switching Station	553,133.89	4,175,542.56	9.60	4.6	533	18	0.127	8.133E-06
ESS_12	HORIZONTAL	Switching Station	553,143.89	4,175,542.56	9.41	4.6	533	18	0.127	8.133E-06
ESS_13	HORIZONTAL	Switching Station	553,153.89	4,175,542.56	9.24	4.6	533	18	0.127	8.133E-06
ESS_14	HORIZONTAL	Switching Station	553,063.89	4,175,552.56	10.67	4.6	533	18	0.127	8.133E-06
ESS_15	HORIZONTAL	Switching Station	553,073.89	4,175,552.56	10.54	4.6	533	18	0.127	8.133E-06
ESS_16	HORIZONTAL	Switching Station	553,083.89	4,175,552.56	10.42	4.6	533	18	0.127	8.133E-06
ESS_17	HORIZONTAL	Switching Station	553,093.89	4,175,552.56	10.30	4.6	533	18	0.127	8.133E-06
ESS_18	HORIZONTAL	Switching Station	553,103.89	4,175,552.56	10.14	4.6	533	18	0.127	8.133E-06
ESS_19	HORIZONTAL	Switching Station	553,113.89	4,175,552.56	9.98	4.6	533	18	0.127	8.133E-06
ESS_20	HORIZONTAL	Switching Station	553,123.89	4,175,552.56	9.80	4.6	533	18	0.127	8.133E-06
ESS_21	HORIZONTAL	Switching Station	553,133.89	4,175,552.56	9.60	4.6	533	18	0.127	8.133E-06
ESS_22	HORIZONTAL	Switching Station	553,143.89	4,175,552.56	9.41	4.6	533	18	0.127	8.133E-06
ESS_23	HORIZONTAL	Switching Station	553,153.89	4,175,552.56	9.25	4.6	533	18	0.127	8.133E-06
ESS_24	HORIZONTAL	Switching Station	553,063.89	4,175,562.56	10.66	4.6	533	18	0.127	8.133E-06
ESS_25	HORIZONTAL	Switching Station	553,073.89	4,175,562.56	10.54	4.6	533	18	0.127	8.133E-06
ESS_26	HORIZONTAL	Switching Station	553,083.89	4,175,562.56	10.43	4.6	533	18	0.127	8.133E-06
ESS_27	HORIZONTAL	Switching Station	553,093.89	4,175,562.56	10.31	4.6	533	18	0.127	8.133E-06
ESS_28	HORIZONTAL	Switching Station	553,103.89	4,175,562.56	10.15	4.6	533	18	0.127	8.133E-06
ESS_29	HORIZONTAL	Switching Station	553,113.89	4,175,562.56	10.00	4.6	533	18	0.127	8.133E-06
ESS_30	HORIZONTAL	Switching Station	553,123.89	4,175,562.56	9.81	4.6	533	18	0.127	8.133E-06
ESS_31	HORIZONTAL	Switching Station	553,133.89	4,175,562.56	9.61	4.6	533	18	0.127	8.133E-06
ESS_32	HORIZONTAL	Switching Station	553,143.89	4,175,562.56	9.41	4.6	533	18	0.127	8.133E-06
ESS_33	HORIZONTAL	Switching Station	553,153.89	4,175,562.56	9.26	4.6	533	18	0.127	8.133E-06
ESS_34	HORIZONTAL	Switching Station	553,163.89	4,175,562.56	9.12	4.6	533	18	0.127	8.133E-06
ESS_35	HORIZONTAL	Switching Station	553,073.89	4,175,572.56	10.54	4.6	533	18	0.127	8.133E-06
ESS_36	HORIZONTAL	Switching Station	553,083.89	4,175,572.56	10.42	4.6	533	18	0.127	8.133E-06
ESS_37	HORIZONTAL	Switching Station	553,093.89	4,175,572.56	10.30	4.6	533	18	0.127	8.133E-06

Appendix B, Table 1

AERMOD Source Inputs

PG&E: Egbert Switching Station Project

Source ID	Stack Release Type	Source Description	Easting (X) (m)	Northing (Y) (m)	Base Elevation (m)	Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	DPM Emission Rate [a] (g/s)
ESS_38	HORIZONTAL	Switching Station	553,103.89	4,175,572.56	10.15	4.6	533	18	0.127	8.133E-06
ESS_39	HORIZONTAL	Switching Station	553,113.89	4,175,572.56	10.00	4.6	533	18	0.127	8.133E-06
ESS_40	HORIZONTAL	Switching Station	553,123.89	4,175,572.56	9.81	4.6	533	18	0.127	8.133E-06
ESS_41	HORIZONTAL	Switching Station	553,133.89	4,175,572.56	9.60	4.6	533	18	0.127	8.133E-06
ESS_42	HORIZONTAL	Switching Station	553,143.89	4,175,572.56	9.40	4.6	533	18	0.127	8.133E-06
ESS_43	HORIZONTAL	Switching Station	553,153.89	4,175,572.56	9.26	4.6	533	18	0.127	8.133E-06
ESS_44	HORIZONTAL	Switching Station	553,163.89	4,175,572.56	9.12	4.6	533	18	0.127	8.133E-06
ESS_45	HORIZONTAL	Switching Station	553,073.89	4,175,582.56	10.54	4.6	533	18	0.127	8.133E-06
ESS_46	HORIZONTAL	Switching Station	553,083.89	4,175,582.56	10.42	4.6	533	18	0.127	8.133E-06
ESS_47	HORIZONTAL	Switching Station	553,093.89	4,175,582.56	10.30	4.6	533	18	0.127	8.133E-06
ESS_48	HORIZONTAL	Switching Station	553,103.89	4,175,582.56	10.14	4.6	533	18	0.127	8.133E-06
ESS_49	HORIZONTAL	Switching Station	553,113.89	4,175,582.56	9.99	4.6	533	18	0.127	8.133E-06
ESS_50	HORIZONTAL	Switching Station	553,123.89	4,175,582.56	9.81	4.6	533	18	0.127	8.133E-06
ESS_51	HORIZONTAL	Switching Station	553,133.89	4,175,582.56	9.60	4.6	533	18	0.127	8.133E-06
ESS_52	HORIZONTAL	Switching Station	553,143.89	4,175,582.56	9.40	4.6	533	18	0.127	8.133E-06
ESS_53	HORIZONTAL	Switching Station	553,153.89	4,175,582.56	9.26	4.6	533	18	0.127	8.133E-06
ESS_54	HORIZONTAL	Switching Station	553,163.89	4,175,582.56	9.12	4.6	533	18	0.127	8.133E-06
ESS_55	HORIZONTAL	Switching Station	553,083.89	4,175,592.56	10.41	4.6	533	18	0.127	8.133E-06
ESS_56	HORIZONTAL	Switching Station	553,093.89	4,175,592.56	10.29	4.6	533	18	0.127	8.133E-06
ESS_57	HORIZONTAL	Switching Station	553,103.89	4,175,592.56	10.14	4.6	533	18	0.127	8.133E-06
ESS_58	HORIZONTAL	Switching Station	553,113.89	4,175,592.56	9.99	4.6	533	18	0.127	8.133E-06
ESS_59	HORIZONTAL	Switching Station	553,123.89	4,175,592.56	9.80	4.6	533	18	0.127	8.133E-06
ESS_60	HORIZONTAL	Switching Station	553,133.89	4,175,592.56	9.59	4.6	533	18	0.127	8.133E-06
ESS_61	HORIZONTAL	Switching Station	553,143.89	4,175,592.56	9.39	4.6	533	18	0.127	8.133E-06
ESS_62	HORIZONTAL	Switching Station	553,153.89	4,175,592.56	9.26	4.6	533	18	0.127	8.133E-06
ESS_63	HORIZONTAL	Switching Station	553,163.89	4,175,592.56	9.12	4.6	533	18	0.127	8.133E-06
ESS_64	HORIZONTAL	Switching Station	553,093.89	4,175,602.56	10.29	4.6	533	18	0.127	8.133E-06
ESS_65	HORIZONTAL	Switching Station	553,103.89	4,175,602.56	10.14	4.6	533	18	0.127	8.133E-06
ESS_66	HORIZONTAL	Switching Station	553,113.89	4,175,602.56	10.00	4.6	533	18	0.127	8.133E-06
ESS_67	HORIZONTAL	Switching Station	553,123.89	4,175,602.56	9.83	4.6	533	18	0.127	8.133E-06
ESS_68	HORIZONTAL	Switching Station	553,133.89	4,175,602.56	9.64	4.6	533	18	0.127	8.133E-06
ESS_69	HORIZONTAL	Switching Station	553,143.89	4,175,602.56	9.46	4.6	533	18	0.127	8.133E-06
ESS_70	HORIZONTAL	Switching Station	553,153.89	4,175,602.56	9.32	4.6	533	18	0.127	8.133E-06
ESS_71	HORIZONTAL	Switching Station	553,163.89	4,175,602.56	9.18	4.6	533	18	0.127	8.133E-06
ESS_72	HORIZONTAL	Switching Station	553,113.89	4,175,612.56	10.02	4.6	533	18	0.127	8.133E-06
ESS_73	HORIZONTAL	Switching Station	553,123.89	4,175,612.56	9.87	4.6	533	18	0.127	8.133E-06
ESS_74	HORIZONTAL	Switching Station	553,133.89	4,175,612.56	9.70	4.6	533	18	0.127	8.133E-06

Appendix B, Table 1

AERMOD Source Inputs

PG&E: Egbert Switching Station Project

Source ID	Stack Release Type	Source Description	Easting (X) (m)	Northing (Y) (m)	Base Elevation (m)	Stack Height (m)	Temperature (K)	Exit Velocity (m/s)	Stack Diameter (m)	DPM Emission Rate [a] (g/s)
MSS_01	HORIZONTAL	Substation	551,957.10	4,172,961.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_02	HORIZONTAL	Substation	551,967.10	4,172,961.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_03	HORIZONTAL	Substation	551,957.10	4,172,971.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_04	HORIZONTAL	Substation	551,967.10	4,172,971.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_05	HORIZONTAL	Substation	551,957.10	4,172,981.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_06	HORIZONTAL	Substation	551,967.10	4,172,981.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_07	HORIZONTAL	Substation	551,967.10	4,172,991.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_08	HORIZONTAL	Substation	551,977.10	4,172,991.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_09	HORIZONTAL	Substation	551,987.10	4,172,991.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_10	HORIZONTAL	Substation	551,967.10	4,173,001.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_11	HORIZONTAL	Substation	551,977.10	4,173,001.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_12	HORIZONTAL	Substation	551,987.10	4,173,001.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_13	HORIZONTAL	Substation	551,967.10	4,173,011.36	6.94	4.6	533	18	0.127	1.494E-05
MSS_14	HORIZONTAL	Substation	551,977.10	4,173,011.36	6.94	4.6	533	18	0.127	1.494E-05

Notes:

[a] DPM emission rates taken from Appendix A, Table 1, and distributed evenly amongst the modeled sources within the construction area.

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,059.40	4,175,549.70	10.72	112.33	Fence Line
553,084.50	4,175,542.10	10.41	112.33	Fence Line
553,109.50	4,175,534.60	10.03	112.33	Fence Line
553,134.60	4,175,527.10	9.58	112.33	Fence Line
553,159.70	4,175,519.60	9.13	122.38	Fence Line
553,163.10	4,175,547.90	9.10	112.33	Fence Line
553,166.40	4,175,576.30	9.08	112.33	Fence Line
553,169.80	4,175,604.70	9.11	112.06	Fence Line
553,143.10	4,175,611.50	9.55	112.33	Fence Line
553,116.40	4,175,618.40	9.99	112.33	Fence Line
553,092.10	4,175,601.60	10.31	112.33	Fence Line
553,067.90	4,175,584.80	10.61	112.33	Fence Line
553,063.70	4,175,567.20	10.67	112.33	Fence Line
552,233.90	4,173,207.30	6.94	400.26	Fence Line
552,227.50	4,173,188.40	6.94	400.26	Fence Line
552,221.00	4,173,169.60	6.94	400.26	Fence Line
552,233.40	4,173,165.30	6.94	400.26	Fence Line
552,222.40	4,173,139.10	6.94	400.26	Fence Line
552,211.40	4,173,112.90	6.94	400.26	Fence Line
552,200.40	4,173,086.70	6.94	400.26	Fence Line
552,189.40	4,173,060.50	6.94	400.26	Fence Line
552,178.40	4,173,034.30	6.94	400.26	Fence Line
552,167.40	4,173,008.10	6.94	400.26	Fence Line
552,156.40	4,172,981.90	6.94	400.26	Fence Line
552,147.90	4,172,957.60	6.94	400.26	Fence Line
552,139.50	4,172,933.30	6.94	400.26	Fence Line
552,135.20	4,172,915.20	6.94	400.26	Fence Line
552,130.80	4,172,897.10	6.94	400.26	Fence Line
552,128.20	4,172,873.20	6.94	400.26	Fence Line
552,125.50	4,172,849.40	6.94	400.26	Fence Line
552,103.50	4,172,864.60	6.94	400.26	Fence Line
552,081.60	4,172,879.70	6.94	400.26	Fence Line
552,059.60	4,172,894.90	6.94	400.26	Fence Line
552,037.60	4,172,910.00	6.94	400.26	Fence Line
552,015.60	4,172,925.20	6.94	400.26	Fence Line
552,005.80	4,172,900.50	6.94	400.26	Fence Line
551,996.00	4,172,875.90	6.94	400.26	Fence Line
551,986.10	4,172,851.20	6.94	400.26	Fence Line
551,976.30	4,172,826.60	7.50	400.26	Fence Line
551,950.00	4,172,836.20	7.53	400.26	Fence Line
551,923.60	4,172,845.80	7.62	400.26	Fence Line
551,897.30	4,172,855.40	7.85	400.26	Fence Line
551,871.00	4,172,865.00	7.84	400.26	Fence Line
551,844.70	4,172,874.60	7.77	400.26	Fence Line
551,818.40	4,172,884.20	7.97	400.26	Fence Line
551,792.00	4,172,893.80	7.90	400.26	Fence Line
551,800.40	4,172,917.70	7.06	400.26	Fence Line
551,808.70	4,172,941.70	6.94	400.26	Fence Line
551,817.10	4,172,965.60	6.94	400.26	Fence Line
551,825.40	4,172,989.50	6.94	400.26	Fence Line
551,833.70	4,173,013.40	6.94	400.26	Fence Line
551,842.10	4,173,037.30	6.94	400.26	Fence Line
551,818.00	4,173,053.30	6.94	400.26	Fence Line
551,794.00	4,173,069.20	6.94	400.26	Fence Line
551,770.00	4,173,085.20	6.94	400.26	Fence Line
551,745.90	4,173,101.20	6.94	400.26	Fence Line
551,721.90	4,173,117.20	6.94	400.26	Fence Line
551,697.80	4,173,133.10	6.94	400.26	Fence Line
551,673.80	4,173,149.10	6.95	400.26	Fence Line
551,649.80	4,173,165.10	7.49	400.26	Fence Line
551,659.10	4,173,192.50	7.61	400.26	Fence Line
551,668.50	4,173,219.90	7.93	400.26	Fence Line
551,677.90	4,173,247.30	8.87	400.26	Fence Line
551,687.20	4,173,274.70	9.97	400.26	Fence Line

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,696.60	4,173,302.10	11.06	400.26	Fence Line
551,706.00	4,173,329.50	11.87	400.26	Fence Line
551,715.30	4,173,356.90	12.62	400.26	Fence Line
551,724.70	4,173,384.30	13.02	400.26	Fence Line
551,753.00	4,173,374.40	12.12	400.26	Fence Line
551,781.30	4,173,364.60	11.47	400.26	Fence Line
551,809.60	4,173,354.80	10.85	400.26	Fence Line
551,837.90	4,173,344.90	10.39	400.26	Fence Line
551,866.20	4,173,335.10	9.99	400.26	Fence Line
551,894.40	4,173,325.30	9.67	400.26	Fence Line
551,922.70	4,173,315.50	9.29	400.26	Fence Line
551,951.00	4,173,305.60	8.85	400.26	Fence Line
551,979.30	4,173,295.80	8.44	400.26	Fence Line
552,007.60	4,173,286.00	7.94	400.26	Fence Line
552,035.90	4,173,276.10	7.43	400.26	Fence Line
552,064.20	4,173,266.30	6.97	400.26	Fence Line
552,092.50	4,173,256.50	6.94	400.26	Fence Line
552,120.80	4,173,246.60	6.94	400.26	Fence Line
552,149.10	4,173,236.80	6.94	400.26	Fence Line
552,177.30	4,173,227.00	6.94	400.26	Fence Line
552,205.60	4,173,217.10	6.94	400.26	Fence Line
551,799.80	4,172,376.50	128.41	400.26	Property Grid
551,849.80	4,172,376.50	119.62	400.26	Property Grid
551,899.80	4,172,376.50	110.41	400.26	Property Grid
551,949.80	4,172,376.50	97.65	400.26	Property Grid
551,999.80	4,172,376.50	83.78	400.26	Property Grid
552,049.80	4,172,376.50	74.54	400.26	Property Grid
552,099.80	4,172,376.50	62.57	400.26	Property Grid
552,149.80	4,172,376.50	50.51	400.26	Property Grid
552,199.80	4,172,376.50	36.59	400.26	Property Grid
552,249.80	4,172,376.50	25.49	400.26	Property Grid
551,649.80	4,172,426.50	93.52	400.26	Property Grid
551,699.80	4,172,426.50	104.81	400.26	Property Grid
551,749.80	4,172,426.50	113.94	400.26	Property Grid
551,799.80	4,172,426.50	113.30	400.26	Property Grid
551,849.80	4,172,426.50	105.91	400.26	Property Grid
551,899.80	4,172,426.50	95.74	400.26	Property Grid
551,949.80	4,172,426.50	84.59	400.26	Property Grid
551,999.80	4,172,426.50	71.11	400.26	Property Grid
552,049.80	4,172,426.50	59.22	400.26	Property Grid
552,099.80	4,172,426.50	47.36	400.26	Property Grid
552,149.80	4,172,426.50	36.54	400.26	Property Grid
552,199.80	4,172,426.50	25.85	400.26	Property Grid
552,249.80	4,172,426.50	17.05	400.26	Property Grid
552,299.80	4,172,426.50	9.30	400.26	Property Grid
552,349.80	4,172,426.50	7.28	400.26	Property Grid
551,549.80	4,172,476.50	98.93	400.26	Property Grid
551,599.80	4,172,476.50	84.67	400.26	Property Grid
551,649.80	4,172,476.50	78.04	400.26	Property Grid
551,699.80	4,172,476.50	89.02	400.26	Property Grid
551,749.80	4,172,476.50	93.04	400.26	Property Grid
551,799.80	4,172,476.50	97.02	400.26	Property Grid
551,849.80	4,172,476.50	91.91	400.26	Property Grid
551,899.80	4,172,476.50	78.12	400.26	Property Grid
551,949.80	4,172,476.50	67.64	400.26	Property Grid
551,999.80	4,172,476.50	61.44	400.26	Property Grid
552,049.80	4,172,476.50	52.36	400.26	Property Grid
552,099.80	4,172,476.50	39.77	400.26	Property Grid
552,149.80	4,172,476.50	28.27	400.26	Property Grid
552,199.80	4,172,476.50	18.50	400.26	Property Grid
552,249.80	4,172,476.50	9.05	400.26	Property Grid
552,299.80	4,172,476.50	8.15	400.26	Property Grid
552,349.80	4,172,476.50	7.32	400.26	Property Grid
552,399.80	4,172,476.50	6.95	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,449.80	4,172,476.50	6.94	400.26	Property Grid
551,499.80	4,172,526.50	97.10	400.26	Property Grid
551,549.80	4,172,526.50	85.38	400.26	Property Grid
551,599.80	4,172,526.50	70.06	400.26	Property Grid
551,649.80	4,172,526.50	64.55	400.26	Property Grid
551,699.80	4,172,526.50	70.96	400.26	Property Grid
551,749.80	4,172,526.50	74.59	400.26	Property Grid
551,799.80	4,172,526.50	81.47	400.26	Property Grid
551,849.80	4,172,526.50	86.29	400.26	Property Grid
551,899.80	4,172,526.50	70.45	400.26	Property Grid
551,949.80	4,172,526.50	54.34	400.26	Property Grid
551,999.80	4,172,526.50	46.47	400.26	Property Grid
552,049.80	4,172,526.50	41.35	400.26	Property Grid
552,099.80	4,172,526.50	34.58	400.26	Property Grid
552,149.80	4,172,526.50	25.18	400.26	Property Grid
552,199.80	4,172,526.50	15.47	400.26	Property Grid
552,249.80	4,172,526.50	7.46	400.26	Property Grid
552,299.80	4,172,526.50	7.62	400.26	Property Grid
552,349.80	4,172,526.50	6.99	400.26	Property Grid
552,399.80	4,172,526.50	6.94	400.26	Property Grid
552,449.80	4,172,526.50	6.94	400.26	Property Grid
552,499.80	4,172,526.50	6.94	400.26	Property Grid
551,449.80	4,172,576.50	93.82	400.26	Property Grid
551,499.80	4,172,576.50	81.29	400.26	Property Grid
551,549.80	4,172,576.50	71.68	400.26	Property Grid
551,599.80	4,172,576.50	59.60	400.26	Property Grid
551,649.80	4,172,576.50	51.18	400.26	Property Grid
551,699.80	4,172,576.50	53.07	400.26	Property Grid
551,749.80	4,172,576.50	56.49	400.26	Property Grid
551,799.80	4,172,576.50	66.37	400.26	Property Grid
551,849.80	4,172,576.50	77.75	400.26	Property Grid
551,899.80	4,172,576.50	66.57	400.26	Property Grid
551,949.80	4,172,576.50	49.65	400.26	Property Grid
551,999.80	4,172,576.50	34.54	400.26	Property Grid
552,049.80	4,172,576.50	27.51	400.26	Property Grid
552,099.80	4,172,576.50	23.11	400.26	Property Grid
552,149.80	4,172,576.50	19.36	400.26	Property Grid
552,199.80	4,172,576.50	11.09	400.26	Property Grid
552,249.80	4,172,576.50	7.00	400.26	Property Grid
552,299.80	4,172,576.50	6.96	400.26	Property Grid
552,349.80	4,172,576.50	6.94	400.26	Property Grid
552,399.80	4,172,576.50	6.94	400.26	Property Grid
552,449.80	4,172,576.50	6.94	400.26	Property Grid
552,499.80	4,172,576.50	6.94	400.26	Property Grid
551,399.80	4,172,626.50	77.25	400.26	Property Grid
551,449.80	4,172,626.50	74.96	400.26	Property Grid
551,499.80	4,172,626.50	69.38	400.26	Property Grid
551,549.80	4,172,626.50	58.89	400.26	Property Grid
551,599.80	4,172,626.50	48.65	400.26	Property Grid
551,649.80	4,172,626.50	43.53	400.26	Property Grid
551,699.80	4,172,626.50	43.09	400.26	Property Grid
551,749.80	4,172,626.50	45.21	400.26	Property Grid
551,799.80	4,172,626.50	53.66	400.26	Property Grid
551,849.80	4,172,626.50	62.32	400.26	Property Grid
551,899.80	4,172,626.50	54.72	400.26	Property Grid
551,949.80	4,172,626.50	42.56	400.26	Property Grid
551,999.80	4,172,626.50	28.78	400.26	Property Grid
552,049.80	4,172,626.50	21.19	400.26	Property Grid
552,099.80	4,172,626.50	16.49	400.26	Property Grid
552,149.80	4,172,626.50	9.09	400.26	Property Grid
552,199.80	4,172,626.50	8.02	400.26	Property Grid
552,249.80	4,172,626.50	6.95	400.26	Property Grid
552,299.80	4,172,626.50	6.94	400.26	Property Grid
552,349.80	4,172,626.50	6.94	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,399.80	4,172,626.50	6.94	400.26	Property Grid
552,449.80	4,172,626.50	6.94	400.26	Property Grid
552,499.80	4,172,626.50	6.94	400.26	Property Grid
552,549.80	4,172,626.50	6.94	400.26	Property Grid
551,349.80	4,172,676.50	77.78	400.26	Property Grid
551,399.80	4,172,676.50	64.98	400.26	Property Grid
551,449.80	4,172,676.50	61.15	400.26	Property Grid
551,499.80	4,172,676.50	57.09	400.26	Property Grid
551,549.80	4,172,676.50	47.72	400.26	Property Grid
551,599.80	4,172,676.50	41.25	400.26	Property Grid
551,649.80	4,172,676.50	36.81	400.26	Property Grid
551,699.80	4,172,676.50	35.72	400.26	Property Grid
551,749.80	4,172,676.50	36.87	400.26	Property Grid
551,799.80	4,172,676.50	40.34	400.26	Property Grid
551,849.80	4,172,676.50	43.50	400.26	Property Grid
551,899.80	4,172,676.50	40.81	400.26	Property Grid
551,949.80	4,172,676.50	32.07	400.26	Property Grid
551,999.80	4,172,676.50	23.18	400.26	Property Grid
552,049.80	4,172,676.50	16.55	400.26	Property Grid
552,099.80	4,172,676.50	12.06	400.26	Property Grid
552,149.80	4,172,676.50	8.91	400.26	Property Grid
552,199.80	4,172,676.50	7.32	400.26	Property Grid
552,249.80	4,172,676.50	6.94	400.26	Property Grid
552,299.80	4,172,676.50	6.94	400.26	Property Grid
552,349.80	4,172,676.50	6.94	400.26	Property Grid
552,399.80	4,172,676.50	6.94	400.26	Property Grid
552,449.80	4,172,676.50	6.94	400.26	Property Grid
552,499.80	4,172,676.50	6.94	400.26	Property Grid
552,549.80	4,172,676.50	6.94	400.26	Property Grid
551,349.80	4,172,726.50	65.59	400.26	Property Grid
551,399.80	4,172,726.50	55.74	400.26	Property Grid
551,449.80	4,172,726.50	49.95	400.26	Property Grid
551,499.80	4,172,726.50	46.58	400.26	Property Grid
551,549.80	4,172,726.50	40.81	400.26	Property Grid
551,599.80	4,172,726.50	36.83	400.26	Property Grid
551,649.80	4,172,726.50	32.30	400.26	Property Grid
551,699.80	4,172,726.50	28.87	400.26	Property Grid
551,749.80	4,172,726.50	27.85	400.26	Property Grid
551,799.80	4,172,726.50	27.55	400.26	Property Grid
551,849.80	4,172,726.50	27.64	400.26	Property Grid
551,899.80	4,172,726.50	26.57	400.26	Property Grid
551,949.80	4,172,726.50	21.80	400.26	Property Grid
551,999.80	4,172,726.50	16.79	400.26	Property Grid
552,049.80	4,172,726.50	9.96	400.26	Property Grid
552,099.80	4,172,726.50	7.93	400.26	Property Grid
552,149.80	4,172,726.50	7.17	400.26	Property Grid
552,199.80	4,172,726.50	6.94	400.26	Property Grid
552,249.80	4,172,726.50	6.94	400.26	Property Grid
552,299.80	4,172,726.50	6.94	400.26	Property Grid
552,349.80	4,172,726.50	6.94	400.26	Property Grid
552,399.80	4,172,726.50	6.94	400.26	Property Grid
552,449.80	4,172,726.50	6.94	400.26	Property Grid
552,499.80	4,172,726.50	6.94	400.26	Property Grid
552,549.80	4,172,726.50	6.94	400.26	Property Grid
552,599.80	4,172,726.50	6.94	400.26	Property Grid
551,349.80	4,172,776.50	58.04	400.26	Property Grid
551,399.80	4,172,776.50	47.80	400.26	Property Grid
551,449.80	4,172,776.50	41.94	400.26	Property Grid
551,499.80	4,172,776.50	38.29	400.26	Property Grid
551,549.80	4,172,776.50	33.90	400.26	Property Grid
551,599.80	4,172,776.50	32.33	400.26	Property Grid
551,649.80	4,172,776.50	31.71	400.26	Property Grid
551,699.80	4,172,776.50	24.73	400.26	Property Grid
551,749.80	4,172,776.50	21.77	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,799.80	4,172,776.50	20.80	400.26	Property Grid
551,849.80	4,172,776.50	19.38	400.26	Property Grid
551,899.80	4,172,776.50	18.00	400.26	Property Grid
551,949.80	4,172,776.50	14.51	400.26	Property Grid
551,999.80	4,172,776.50	9.94	400.26	Property Grid
552,049.80	4,172,776.50	7.21	400.26	Property Grid
552,099.80	4,172,776.50	7.05	400.26	Property Grid
552,149.80	4,172,776.50	7.03	400.26	Property Grid
552,199.80	4,172,776.50	6.94	400.26	Property Grid
552,249.80	4,172,776.50	6.94	400.26	Property Grid
552,299.80	4,172,776.50	6.94	400.26	Property Grid
552,349.80	4,172,776.50	6.94	400.26	Property Grid
552,399.80	4,172,776.50	6.94	400.26	Property Grid
552,449.80	4,172,776.50	6.94	400.26	Property Grid
552,499.80	4,172,776.50	6.94	400.26	Property Grid
552,549.80	4,172,776.50	6.94	400.26	Property Grid
552,599.80	4,172,776.50	6.94	400.26	Property Grid
551,299.80	4,172,826.50	50.74	400.26	Property Grid
551,349.80	4,172,826.50	45.94	400.26	Property Grid
551,399.80	4,172,826.50	38.63	400.26	Property Grid
551,449.80	4,172,826.50	32.98	400.26	Property Grid
551,499.80	4,172,826.50	29.67	400.26	Property Grid
551,549.80	4,172,826.50	26.20	400.26	Property Grid
551,599.80	4,172,826.50	24.09	400.26	Property Grid
551,649.80	4,172,826.50	22.33	400.26	Property Grid
551,699.80	4,172,826.50	19.90	400.26	Property Grid
551,749.80	4,172,826.50	17.64	400.26	Property Grid
551,799.80	4,172,826.50	15.23	400.26	Property Grid
551,849.80	4,172,826.50	12.57	400.26	Property Grid
551,899.80	4,172,826.50	10.44	400.26	Property Grid
551,949.80	4,172,826.50	8.31	400.26	Property Grid
551,999.80	4,172,826.50	7.06	400.26	Property Grid
552,049.80	4,172,826.50	6.94	400.26	Property Grid
552,099.80	4,172,826.50	6.94	400.26	Property Grid
552,149.80	4,172,826.50	6.94	400.26	Property Grid
552,199.80	4,172,826.50	6.94	400.26	Property Grid
552,249.80	4,172,826.50	6.94	400.26	Property Grid
552,299.80	4,172,826.50	6.94	400.26	Property Grid
552,349.80	4,172,826.50	6.94	400.26	Property Grid
552,399.80	4,172,826.50	6.94	400.26	Property Grid
552,449.80	4,172,826.50	6.94	400.26	Property Grid
552,499.80	4,172,826.50	6.94	400.26	Property Grid
552,549.80	4,172,826.50	6.94	400.26	Property Grid
552,599.80	4,172,826.50	6.94	400.26	Property Grid
551,249.80	4,172,876.50	46.72	400.26	Property Grid
551,299.80	4,172,876.50	40.45	400.26	Property Grid
551,349.80	4,172,876.50	36.09	400.26	Property Grid
551,399.80	4,172,876.50	31.81	400.26	Property Grid
551,449.80	4,172,876.50	25.05	400.26	Property Grid
551,499.80	4,172,876.50	22.57	400.26	Property Grid
551,549.80	4,172,876.50	20.87	400.26	Property Grid
551,599.80	4,172,876.50	18.77	400.26	Property Grid
551,649.80	4,172,876.50	15.95	400.26	Property Grid
551,699.80	4,172,876.50	13.30	400.26	Property Grid
551,749.80	4,172,876.50	10.94	400.26	Property Grid
551,799.80	4,172,876.50	8.95	400.26	Property Grid
551,999.80	4,172,876.50	6.94	400.26	Property Grid
552,049.80	4,172,876.50	6.94	400.26	Property Grid
552,149.80	4,172,876.50	6.94	400.26	Property Grid
552,199.80	4,172,876.50	6.94	400.26	Property Grid
552,249.80	4,172,876.50	6.94	400.26	Property Grid
552,299.80	4,172,876.50	6.94	400.26	Property Grid
552,349.80	4,172,876.50	6.94	400.26	Property Grid
552,399.80	4,172,876.50	6.94	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,449.80	4,172,876.50	6.94	400.26	Property Grid
552,499.80	4,172,876.50	6.94	400.26	Property Grid
552,549.80	4,172,876.50	6.94	400.26	Property Grid
552,599.80	4,172,876.50	6.94	400.26	Property Grid
552,649.80	4,172,876.50	6.94	400.26	Property Grid
551,249.80	4,172,926.50	37.40	400.26	Property Grid
551,299.80	4,172,926.50	33.58	400.26	Property Grid
551,349.80	4,172,926.50	30.20	400.26	Property Grid
551,399.80	4,172,926.50	24.91	400.26	Property Grid
551,449.80	4,172,926.50	21.26	400.26	Property Grid
551,499.80	4,172,926.50	18.66	400.26	Property Grid
551,549.80	4,172,926.50	17.06	400.26	Property Grid
551,599.80	4,172,926.50	14.41	400.26	Property Grid
551,649.80	4,172,926.50	10.02	400.26	Property Grid
551,699.80	4,172,926.50	7.67	400.26	Property Grid
551,749.80	4,172,926.50	7.17	400.26	Property Grid
551,799.80	4,172,926.50	6.99	400.26	Property Grid
552,149.80	4,172,926.50	6.94	400.26	Property Grid
552,199.80	4,172,926.50	6.94	400.26	Property Grid
552,249.80	4,172,926.50	6.94	400.26	Property Grid
552,299.80	4,172,926.50	6.94	400.26	Property Grid
552,349.80	4,172,926.50	6.94	400.26	Property Grid
552,399.80	4,172,926.50	6.94	400.26	Property Grid
552,449.80	4,172,926.50	6.94	400.26	Property Grid
552,499.80	4,172,926.50	6.94	400.26	Property Grid
552,549.80	4,172,926.50	6.94	400.26	Property Grid
552,599.80	4,172,926.50	6.94	400.26	Property Grid
552,649.80	4,172,926.50	6.94	400.26	Property Grid
551,199.80	4,172,976.50	34.61	400.26	Property Grid
551,249.80	4,172,976.50	31.67	400.26	Property Grid
551,299.80	4,172,976.50	28.79	400.26	Property Grid
551,349.80	4,172,976.50	25.82	400.26	Property Grid
551,399.80	4,172,976.50	21.28	400.26	Property Grid
551,449.80	4,172,976.50	17.96	400.26	Property Grid
551,499.80	4,172,976.50	14.98	400.26	Property Grid
551,549.80	4,172,976.50	12.36	400.26	Property Grid
551,599.80	4,172,976.50	10.08	400.26	Property Grid
551,649.80	4,172,976.50	8.56	400.26	Property Grid
551,699.80	4,172,976.50	7.07	400.26	Property Grid
551,749.80	4,172,976.50	6.94	400.26	Property Grid
551,799.80	4,172,976.50	6.94	400.26	Property Grid
552,199.80	4,172,976.50	6.94	400.26	Property Grid
552,249.80	4,172,976.50	6.94	400.26	Property Grid
552,299.80	4,172,976.50	6.94	400.26	Property Grid
552,349.80	4,172,976.50	6.94	400.26	Property Grid
552,399.80	4,172,976.50	6.94	400.26	Property Grid
552,449.80	4,172,976.50	6.94	400.26	Property Grid
552,499.80	4,172,976.50	6.94	400.26	Property Grid
552,549.80	4,172,976.50	6.94	400.26	Property Grid
552,599.80	4,172,976.50	6.94	400.26	Property Grid
552,649.80	4,172,976.50	6.94	400.26	Property Grid
551,199.80	4,173,026.50	29.57	400.26	Property Grid
551,249.80	4,173,026.50	28.12	400.26	Property Grid
551,299.80	4,173,026.50	25.73	400.26	Property Grid
551,349.80	4,173,026.50	22.91	400.26	Property Grid
551,399.80	4,173,026.50	18.05	400.26	Property Grid
551,449.80	4,173,026.50	15.48	400.26	Property Grid
551,499.80	4,173,026.50	12.74	400.26	Property Grid
551,549.80	4,173,026.50	9.12	400.26	Property Grid
551,599.80	4,173,026.50	7.47	400.26	Property Grid
551,649.80	4,173,026.50	6.95	400.26	Property Grid
551,699.80	4,173,026.50	6.94	400.26	Property Grid
551,749.80	4,173,026.50	6.94	400.26	Property Grid
551,799.80	4,173,026.50	6.94	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,199.80	4,173,026.50	6.94	400.26	Property Grid
552,249.80	4,173,026.50	6.94	400.26	Property Grid
552,299.80	4,173,026.50	6.94	400.26	Property Grid
552,349.80	4,173,026.50	6.94	400.26	Property Grid
552,399.80	4,173,026.50	6.94	400.26	Property Grid
552,449.80	4,173,026.50	6.94	400.26	Property Grid
552,499.80	4,173,026.50	6.94	400.26	Property Grid
552,549.80	4,173,026.50	6.94	400.26	Property Grid
552,599.80	4,173,026.50	6.94	400.26	Property Grid
552,649.80	4,173,026.50	6.94	400.26	Property Grid
552,699.80	4,173,026.50	6.94	400.26	Property Grid
551,199.80	4,173,076.50	28.76	400.26	Property Grid
551,249.80	4,173,076.50	26.71	400.26	Property Grid
551,299.80	4,173,076.50	24.24	400.26	Property Grid
551,349.80	4,173,076.50	20.40	400.26	Property Grid
551,399.80	4,173,076.50	16.65	400.26	Property Grid
551,449.80	4,173,076.50	14.36	400.26	Property Grid
551,499.80	4,173,076.50	11.95	400.26	Property Grid
551,549.80	4,173,076.50	9.64	400.26	Property Grid
551,599.80	4,173,076.50	7.88	400.26	Property Grid
551,649.80	4,173,076.50	6.94	400.26	Property Grid
551,699.80	4,173,076.50	6.94	400.26	Property Grid
551,749.80	4,173,076.50	6.94	400.26	Property Grid
552,199.80	4,173,076.50	6.94	400.26	Property Grid
552,249.80	4,173,076.50	6.94	400.26	Property Grid
552,299.80	4,173,076.50	6.94	400.26	Property Grid
552,349.80	4,173,076.50	6.94	400.26	Property Grid
552,399.80	4,173,076.50	6.94	400.26	Property Grid
552,449.80	4,173,076.50	6.94	400.26	Property Grid
552,499.80	4,173,076.50	6.94	400.26	Property Grid
552,549.80	4,173,076.50	6.94	400.26	Property Grid
552,599.80	4,173,076.50	6.94	400.26	Property Grid
552,649.80	4,173,076.50	6.94	400.26	Property Grid
552,699.80	4,173,076.50	6.94	400.26	Property Grid
551,199.80	4,173,126.50	28.22	400.26	Property Grid
551,249.80	4,173,126.50	26.14	400.26	Property Grid
551,299.80	4,173,126.50	23.89	400.26	Property Grid
551,349.80	4,173,126.50	18.79	400.26	Property Grid
551,399.80	4,173,126.50	15.62	400.26	Property Grid
551,449.80	4,173,126.50	14.07	400.26	Property Grid
551,499.80	4,173,126.50	11.91	400.26	Property Grid
551,549.80	4,173,126.50	10.19	400.26	Property Grid
551,599.80	4,173,126.50	8.62	400.26	Property Grid
551,649.80	4,173,126.50	7.06	400.26	Property Grid
551,699.80	4,173,126.50	6.94	400.26	Property Grid
552,249.80	4,173,126.50	6.94	400.26	Property Grid
552,299.80	4,173,126.50	6.94	400.26	Property Grid
552,349.80	4,173,126.50	6.94	400.26	Property Grid
552,399.80	4,173,126.50	6.94	400.26	Property Grid
552,449.80	4,173,126.50	6.94	400.26	Property Grid
552,499.80	4,173,126.50	6.94	400.26	Property Grid
552,549.80	4,173,126.50	6.94	400.26	Property Grid
552,599.80	4,173,126.50	6.94	400.26	Property Grid
552,649.80	4,173,126.50	6.94	400.26	Property Grid
552,699.80	4,173,126.50	6.94	400.26	Property Grid
551,199.80	4,173,176.50	27.90	400.26	Property Grid
551,249.80	4,173,176.50	25.90	400.26	Property Grid
551,299.80	4,173,176.50	24.15	400.26	Property Grid
551,349.80	4,173,176.50	19.45	400.26	Property Grid
551,399.80	4,173,176.50	15.22	400.26	Property Grid
551,449.80	4,173,176.50	13.74	400.26	Property Grid
551,499.80	4,173,176.50	12.53	400.26	Property Grid
551,549.80	4,173,176.50	10.70	400.26	Property Grid
551,599.80	4,173,176.50	8.83	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,649.80	4,173,176.50	7.69	400.26	Property Grid
552,249.80	4,173,176.50	6.94	400.26	Property Grid
552,299.80	4,173,176.50	6.94	400.26	Property Grid
552,349.80	4,173,176.50	6.94	400.26	Property Grid
552,399.80	4,173,176.50	6.94	400.26	Property Grid
552,449.80	4,173,176.50	6.94	400.26	Property Grid
552,499.80	4,173,176.50	6.94	400.26	Property Grid
552,549.80	4,173,176.50	6.94	400.26	Property Grid
552,599.80	4,173,176.50	6.94	400.26	Property Grid
552,649.80	4,173,176.50	6.94	400.26	Property Grid
552,699.80	4,173,176.50	6.94	400.26	Property Grid
551,199.80	4,173,226.50	28.05	400.26	Property Grid
551,249.80	4,173,226.50	26.64	400.26	Property Grid
551,299.80	4,173,226.50	25.16	400.26	Property Grid
551,349.80	4,173,226.50	22.89	400.26	Property Grid
551,399.80	4,173,226.50	16.39	400.26	Property Grid
551,449.80	4,173,226.50	14.49	400.26	Property Grid
551,499.80	4,173,226.50	13.75	400.26	Property Grid
551,549.80	4,173,226.50	12.06	400.26	Property Grid
551,599.80	4,173,226.50	10.57	400.26	Property Grid
551,649.80	4,173,226.50	8.61	400.26	Property Grid
552,199.80	4,173,226.50	6.94	400.26	Property Grid
552,249.80	4,173,226.50	6.94	400.26	Property Grid
552,299.80	4,173,226.50	6.94	400.26	Property Grid
552,349.80	4,173,226.50	6.94	400.26	Property Grid
552,399.80	4,173,226.50	6.94	400.26	Property Grid
552,449.80	4,173,226.50	6.94	400.26	Property Grid
552,499.80	4,173,226.50	6.94	400.26	Property Grid
552,549.80	4,173,226.50	6.94	400.26	Property Grid
552,599.80	4,173,226.50	6.94	400.26	Property Grid
552,649.80	4,173,226.50	6.94	400.26	Property Grid
552,699.80	4,173,226.50	6.94	400.26	Property Grid
551,199.80	4,173,276.50	28.62	400.26	Property Grid
551,249.80	4,173,276.50	28.51	400.26	Property Grid
551,299.80	4,173,276.50	27.64	400.26	Property Grid
551,349.80	4,173,276.50	25.15	400.26	Property Grid
551,399.80	4,173,276.50	19.90	400.26	Property Grid
551,449.80	4,173,276.50	17.05	400.26	Property Grid
551,499.80	4,173,276.50	15.30	400.26	Property Grid
551,549.80	4,173,276.50	14.09	400.26	Property Grid
551,599.80	4,173,276.50	12.96	400.26	Property Grid
551,649.80	4,173,276.50	10.99	400.26	Property Grid
552,049.80	4,173,276.50	7.13	400.26	Property Grid
552,099.80	4,173,276.50	6.94	400.26	Property Grid
552,149.80	4,173,276.50	6.94	400.26	Property Grid
552,199.80	4,173,276.50	6.94	400.26	Property Grid
552,249.80	4,173,276.50	6.94	400.26	Property Grid
552,299.80	4,173,276.50	6.94	400.26	Property Grid
552,349.80	4,173,276.50	6.94	400.26	Property Grid
552,399.80	4,173,276.50	6.94	400.26	Property Grid
552,449.80	4,173,276.50	6.94	400.26	Property Grid
552,499.80	4,173,276.50	6.94	400.26	Property Grid
552,549.80	4,173,276.50	6.94	400.26	Property Grid
552,599.80	4,173,276.50	6.94	400.26	Property Grid
552,649.80	4,173,276.50	6.94	400.26	Property Grid
552,699.80	4,173,276.50	6.94	400.26	Property Grid
551,199.80	4,173,326.50	30.80	400.26	Property Grid
551,249.80	4,173,326.50	31.43	400.26	Property Grid
551,299.80	4,173,326.50	30.48	400.26	Property Grid
551,349.80	4,173,326.50	26.87	400.26	Property Grid
551,399.80	4,173,326.50	23.50	400.26	Property Grid
551,449.80	4,173,326.50	20.39	400.26	Property Grid
551,499.80	4,173,326.50	17.61	400.26	Property Grid
551,549.80	4,173,326.50	16.53	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,599.80	4,173,326.50	15.20	400.26	Property Grid
551,649.80	4,173,326.50	13.64	400.26	Property Grid
551,699.80	4,173,326.50	11.99	400.26	Property Grid
551,899.80	4,173,326.50	9.65	400.26	Property Grid
551,949.80	4,173,326.50	9.06	400.26	Property Grid
551,999.80	4,173,326.50	8.22	400.26	Property Grid
552,049.80	4,173,326.50	7.50	400.26	Property Grid
552,099.80	4,173,326.50	6.94	400.26	Property Grid
552,149.80	4,173,326.50	6.94	400.26	Property Grid
552,199.80	4,173,326.50	6.94	400.26	Property Grid
552,249.80	4,173,326.50	6.94	400.26	Property Grid
552,299.80	4,173,326.50	6.94	400.26	Property Grid
552,349.80	4,173,326.50	6.94	400.26	Property Grid
552,399.80	4,173,326.50	6.94	400.26	Property Grid
552,449.80	4,173,326.50	6.94	400.26	Property Grid
552,499.80	4,173,326.50	6.94	400.26	Property Grid
552,549.80	4,173,326.50	6.94	400.26	Property Grid
552,599.80	4,173,326.50	6.94	400.26	Property Grid
552,649.80	4,173,326.50	6.94	400.26	Property Grid
552,699.80	4,173,326.50	6.94	400.26	Property Grid
551,199.80	4,173,376.50	33.31	400.26	Property Grid
551,249.80	4,173,376.50	33.11	400.26	Property Grid
551,299.80	4,173,376.50	31.44	400.26	Property Grid
551,349.80	4,173,376.50	28.43	400.26	Property Grid
551,399.80	4,173,376.50	25.33	400.26	Property Grid
551,449.80	4,173,376.50	22.68	400.26	Property Grid
551,499.80	4,173,376.50	20.16	400.26	Property Grid
551,549.80	4,173,376.50	18.30	400.26	Property Grid
551,599.80	4,173,376.50	16.71	400.26	Property Grid
551,649.80	4,173,376.50	15.14	400.26	Property Grid
551,699.80	4,173,376.50	13.62	400.26	Property Grid
551,749.80	4,173,376.50	12.23	400.26	Property Grid
551,799.80	4,173,376.50	11.33	400.26	Property Grid
551,849.80	4,173,376.50	10.80	400.26	Property Grid
551,899.80	4,173,376.50	10.18	400.26	Property Grid
551,949.80	4,173,376.50	9.51	400.26	Property Grid
551,999.80	4,173,376.50	8.63	400.26	Property Grid
552,049.80	4,173,376.50	7.71	400.26	Property Grid
552,099.80	4,173,376.50	6.96	400.26	Property Grid
552,149.80	4,173,376.50	6.94	400.26	Property Grid
552,199.80	4,173,376.50	6.94	400.26	Property Grid
552,249.80	4,173,376.50	6.94	400.26	Property Grid
552,299.80	4,173,376.50	6.94	400.26	Property Grid
552,349.80	4,173,376.50	6.94	400.26	Property Grid
552,399.80	4,173,376.50	6.94	400.26	Property Grid
552,449.80	4,173,376.50	6.94	400.26	Property Grid
552,499.80	4,173,376.50	6.94	400.26	Property Grid
552,549.80	4,173,376.50	6.94	400.26	Property Grid
552,599.80	4,173,376.50	6.94	400.26	Property Grid
552,649.80	4,173,376.50	6.94	400.26	Property Grid
552,699.80	4,173,376.50	6.94	400.26	Property Grid
551,249.80	4,173,426.50	33.88	400.26	Property Grid
551,299.80	4,173,426.50	32.19	400.26	Property Grid
551,349.80	4,173,426.50	29.64	400.26	Property Grid
551,399.80	4,173,426.50	26.64	400.26	Property Grid
551,449.80	4,173,426.50	24.03	400.26	Property Grid
551,499.80	4,173,426.50	21.83	400.26	Property Grid
551,549.80	4,173,426.50	19.59	400.26	Property Grid
551,599.80	4,173,426.50	17.70	400.26	Property Grid
551,649.80	4,173,426.50	15.88	400.26	Property Grid
551,699.80	4,173,426.50	14.48	400.26	Property Grid
551,749.80	4,173,426.50	13.12	400.26	Property Grid
551,799.80	4,173,426.50	12.02	400.26	Property Grid
551,849.80	4,173,426.50	11.30	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,899.80	4,173,426.50	10.62	400.26	Property Grid
551,949.80	4,173,426.50	9.77	400.26	Property Grid
551,999.80	4,173,426.50	8.88	400.26	Property Grid
552,049.80	4,173,426.50	7.94	400.26	Property Grid
552,099.80	4,173,426.50	6.99	400.26	Property Grid
552,149.80	4,173,426.50	6.94	400.26	Property Grid
552,199.80	4,173,426.50	6.94	400.26	Property Grid
552,249.80	4,173,426.50	6.94	400.26	Property Grid
552,299.80	4,173,426.50	6.94	400.26	Property Grid
552,349.80	4,173,426.50	6.94	400.26	Property Grid
552,399.80	4,173,426.50	6.94	400.26	Property Grid
552,449.80	4,173,426.50	6.94	400.26	Property Grid
552,499.80	4,173,426.50	6.94	400.26	Property Grid
552,549.80	4,173,426.50	6.94	400.26	Property Grid
552,599.80	4,173,426.50	6.94	400.26	Property Grid
552,649.80	4,173,426.50	6.94	400.26	Property Grid
551,249.80	4,173,476.50	34.38	400.26	Property Grid
551,299.80	4,173,476.50	32.55	400.26	Property Grid
551,349.80	4,173,476.50	30.33	400.26	Property Grid
551,399.80	4,173,476.50	27.39	400.26	Property Grid
551,449.80	4,173,476.50	25.00	400.26	Property Grid
551,499.80	4,173,476.50	22.77	400.26	Property Grid
551,549.80	4,173,476.50	20.43	400.26	Property Grid
551,599.80	4,173,476.50	18.34	400.26	Property Grid
551,649.80	4,173,476.50	16.38	400.26	Property Grid
551,699.80	4,173,476.50	14.99	400.26	Property Grid
551,749.80	4,173,476.50	13.85	400.26	Property Grid
551,799.80	4,173,476.50	12.63	400.26	Property Grid
551,849.80	4,173,476.50	11.59	400.26	Property Grid
551,899.80	4,173,476.50	10.83	400.26	Property Grid
551,949.80	4,173,476.50	10.03	400.26	Property Grid
551,999.80	4,173,476.50	9.12	400.26	Property Grid
552,049.80	4,173,476.50	8.22	400.26	Property Grid
552,099.80	4,173,476.50	7.24	400.26	Property Grid
552,149.80	4,173,476.50	6.94	400.26	Property Grid
552,199.80	4,173,476.50	6.94	400.26	Property Grid
552,249.80	4,173,476.50	6.94	400.26	Property Grid
552,299.80	4,173,476.50	6.94	400.26	Property Grid
552,349.80	4,173,476.50	6.94	400.26	Property Grid
552,399.80	4,173,476.50	6.94	400.26	Property Grid
552,449.80	4,173,476.50	6.94	400.26	Property Grid
552,499.80	4,173,476.50	6.94	400.26	Property Grid
552,549.80	4,173,476.50	6.94	400.26	Property Grid
552,599.80	4,173,476.50	6.94	400.26	Property Grid
552,649.80	4,173,476.50	6.94	400.26	Property Grid
551,249.80	4,173,526.50	35.26	400.26	Property Grid
551,299.80	4,173,526.50	32.80	400.26	Property Grid
551,349.80	4,173,526.50	30.42	400.26	Property Grid
551,399.80	4,173,526.50	27.87	400.26	Property Grid
551,449.80	4,173,526.50	25.55	400.26	Property Grid
551,499.80	4,173,526.50	23.43	400.26	Property Grid
551,549.80	4,173,526.50	21.10	400.26	Property Grid
551,599.80	4,173,526.50	18.86	400.26	Property Grid
551,649.80	4,173,526.50	16.97	400.26	Property Grid
551,699.80	4,173,526.50	15.50	400.26	Property Grid
551,749.80	4,173,526.50	14.29	400.26	Property Grid
551,799.80	4,173,526.50	12.86	400.26	Property Grid
551,849.80	4,173,526.50	11.75	400.26	Property Grid
551,899.80	4,173,526.50	10.82	400.26	Property Grid
551,949.80	4,173,526.50	10.04	400.26	Property Grid
551,999.80	4,173,526.50	9.16	400.26	Property Grid
552,049.80	4,173,526.50	8.36	400.26	Property Grid
552,099.80	4,173,526.50	7.48	400.26	Property Grid
552,149.80	4,173,526.50	6.97	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,199.80	4,173,526.50	7.02	400.26	Property Grid
552,249.80	4,173,526.50	6.96	400.26	Property Grid
552,299.80	4,173,526.50	6.94	400.26	Property Grid
552,349.80	4,173,526.50	6.94	400.26	Property Grid
552,399.80	4,173,526.50	6.94	400.26	Property Grid
552,449.80	4,173,526.50	6.94	400.26	Property Grid
552,499.80	4,173,526.50	6.94	400.26	Property Grid
552,549.80	4,173,526.50	6.94	400.26	Property Grid
552,599.80	4,173,526.50	6.94	400.26	Property Grid
551,299.80	4,173,576.50	33.44	400.26	Property Grid
551,349.80	4,173,576.50	30.61	400.26	Property Grid
551,399.80	4,173,576.50	28.13	400.26	Property Grid
551,449.80	4,173,576.50	25.90	400.26	Property Grid
551,499.80	4,173,576.50	23.74	400.26	Property Grid
551,549.80	4,173,576.50	21.63	400.26	Property Grid
551,599.80	4,173,576.50	19.31	400.26	Property Grid
551,649.80	4,173,576.50	17.40	400.26	Property Grid
551,699.80	4,173,576.50	15.89	400.26	Property Grid
551,749.80	4,173,576.50	14.57	400.26	Property Grid
551,799.80	4,173,576.50	13.11	400.26	Property Grid
551,849.80	4,173,576.50	11.60	400.26	Property Grid
551,899.80	4,173,576.50	10.68	400.26	Property Grid
551,949.80	4,173,576.50	9.89	400.26	Property Grid
551,999.80	4,173,576.50	9.13	400.26	Property Grid
552,049.80	4,173,576.50	8.28	400.26	Property Grid
552,099.80	4,173,576.50	7.58	400.26	Property Grid
552,149.80	4,173,576.50	7.43	400.26	Property Grid
552,199.80	4,173,576.50	7.53	400.26	Property Grid
552,249.80	4,173,576.50	7.13	400.26	Property Grid
552,299.80	4,173,576.50	6.94	400.26	Property Grid
552,349.80	4,173,576.50	6.94	400.26	Property Grid
552,399.80	4,173,576.50	6.94	400.26	Property Grid
552,449.80	4,173,576.50	6.94	400.26	Property Grid
552,499.80	4,173,576.50	6.94	400.26	Property Grid
552,549.80	4,173,576.50	6.94	400.26	Property Grid
551,299.80	4,173,626.50	36.06	400.26	Property Grid
551,349.80	4,173,626.50	31.46	400.26	Property Grid
551,399.80	4,173,626.50	28.07	400.26	Property Grid
551,449.80	4,173,626.50	25.61	400.26	Property Grid
551,499.80	4,173,626.50	24.06	400.26	Property Grid
551,549.80	4,173,626.50	21.93	400.26	Property Grid
551,599.80	4,173,626.50	19.37	400.26	Property Grid
551,649.80	4,173,626.50	17.72	400.26	Property Grid
551,699.80	4,173,626.50	16.15	400.26	Property Grid
551,749.80	4,173,626.50	14.66	400.26	Property Grid
551,799.80	4,173,626.50	13.27	400.26	Property Grid
551,849.80	4,173,626.50	11.84	400.26	Property Grid
551,899.80	4,173,626.50	10.01	400.26	Property Grid
551,949.80	4,173,626.50	9.06	400.26	Property Grid
551,999.80	4,173,626.50	8.67	400.26	Property Grid
552,049.80	4,173,626.50	8.18	400.26	Property Grid
552,099.80	4,173,626.50	6.96	400.26	Property Grid
552,149.80	4,173,626.50	7.16	400.26	Property Grid
552,199.80	4,173,626.50	7.10	400.26	Property Grid
552,249.80	4,173,626.50	6.94	400.26	Property Grid
552,299.80	4,173,626.50	6.94	400.26	Property Grid
552,349.80	4,173,626.50	6.94	400.26	Property Grid
552,399.80	4,173,626.50	6.94	400.26	Property Grid
552,449.80	4,173,626.50	6.94	400.26	Property Grid
552,499.80	4,173,626.50	6.94	400.26	Property Grid
551,349.80	4,173,676.50	31.95	400.26	Property Grid
551,399.80	4,173,676.50	27.51	400.26	Property Grid
551,449.80	4,173,676.50	24.13	400.26	Property Grid
551,499.80	4,173,676.50	23.10	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,549.80	4,173,676.50	21.42	400.26	Property Grid
551,599.80	4,173,676.50	19.34	400.26	Property Grid
551,649.80	4,173,676.50	17.71	400.26	Property Grid
551,699.80	4,173,676.50	15.90	400.26	Property Grid
551,749.80	4,173,676.50	14.43	400.26	Property Grid
551,799.80	4,173,676.50	13.44	400.26	Property Grid
551,849.80	4,173,676.50	11.99	400.26	Property Grid
551,899.80	4,173,676.50	9.79	400.26	Property Grid
551,949.80	4,173,676.50	8.25	400.26	Property Grid
551,999.80	4,173,676.50	8.20	400.26	Property Grid
552,049.80	4,173,676.50	7.59	400.26	Property Grid
552,099.80	4,173,676.50	7.00	400.26	Property Grid
552,149.80	4,173,676.50	7.56	400.26	Property Grid
552,199.80	4,173,676.50	7.22	400.26	Property Grid
552,249.80	4,173,676.50	6.94	400.26	Property Grid
552,299.80	4,173,676.50	6.94	400.26	Property Grid
552,349.80	4,173,676.50	6.94	400.26	Property Grid
552,399.80	4,173,676.50	6.94	400.26	Property Grid
551,399.80	4,173,726.50	26.96	400.26	Property Grid
551,449.80	4,173,726.50	23.68	400.26	Property Grid
551,499.80	4,173,726.50	22.01	400.26	Property Grid
551,549.80	4,173,726.50	20.69	400.26	Property Grid
551,599.80	4,173,726.50	19.24	400.26	Property Grid
551,649.80	4,173,726.50	17.70	400.26	Property Grid
551,699.80	4,173,726.50	15.92	400.26	Property Grid
551,749.80	4,173,726.50	15.07	400.26	Property Grid
551,799.80	4,173,726.50	14.42	400.26	Property Grid
551,849.80	4,173,726.50	13.33	400.26	Property Grid
551,899.80	4,173,726.50	11.21	400.26	Property Grid
551,949.80	4,173,726.50	9.53	400.26	Property Grid
551,999.80	4,173,726.50	9.57	400.26	Property Grid
552,049.80	4,173,726.50	8.76	400.26	Property Grid
552,099.80	4,173,726.50	8.06	400.26	Property Grid
552,149.80	4,173,726.50	8.06	400.26	Property Grid
552,199.80	4,173,726.50	7.48	400.26	Property Grid
552,249.80	4,173,726.50	7.35	400.26	Property Grid
551,449.80	4,173,776.50	23.80	400.26	Property Grid
551,499.80	4,173,776.50	22.06	400.26	Property Grid
551,549.80	4,173,776.50	20.97	400.26	Property Grid
551,599.80	4,173,776.50	19.81	400.26	Property Grid
551,649.80	4,173,776.50	18.25	400.26	Property Grid
551,699.80	4,173,776.50	16.97	400.26	Property Grid
551,749.80	4,173,776.50	16.15	400.26	Property Grid
551,799.80	4,173,776.50	15.53	400.26	Property Grid
551,849.80	4,173,776.50	14.58	400.26	Property Grid
551,899.80	4,173,776.50	13.48	400.26	Property Grid
551,949.80	4,173,776.50	12.38	400.26	Property Grid
551,999.80	4,173,776.50	11.68	400.26	Property Grid
552,049.80	4,173,776.50	11.13	400.26	Property Grid
552,099.80	4,173,776.50	10.24	400.26	Property Grid
551,499.80	4,173,826.50	22.72	400.26	Property Grid
551,549.80	4,173,826.50	21.82	400.26	Property Grid
551,599.80	4,173,826.50	21.07	400.26	Property Grid
551,649.80	4,173,826.50	19.80	400.26	Property Grid
551,699.80	4,173,826.50	18.82	400.26	Property Grid
551,749.80	4,173,826.50	17.91	400.26	Property Grid
551,799.80	4,173,826.50	17.01	400.26	Property Grid
551,849.80	4,173,826.50	16.13	400.26	Property Grid
551,899.80	4,173,826.50	15.48	400.26	Property Grid
551,949.80	4,173,826.50	14.65	400.26	Property Grid
551,649.80	4,173,876.50	21.63	400.26	Property Grid
551,699.80	4,173,876.50	20.49	400.26	Property Grid
551,749.80	4,173,876.50	19.55	400.26	Property Grid
551,799.80	4,173,876.50	18.62	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,099.80	4,175,026.50	17.52	128.82	Property Grid
553,149.80	4,175,026.50	16.78	128.82	Property Grid
553,199.80	4,175,026.50	15.23	128.82	Property Grid
552,899.80	4,175,076.50	35.08	124.40	Property Grid
552,949.80	4,175,076.50	31.94	127.44	Property Grid
552,999.80	4,175,076.50	26.29	128.82	Property Grid
553,049.80	4,175,076.50	16.12	128.82	Property Grid
553,099.80	4,175,076.50	9.20	128.82	Property Grid
553,149.80	4,175,076.50	14.03	128.82	Property Grid
553,199.80	4,175,076.50	13.29	128.82	Property Grid
553,249.80	4,175,076.50	12.42	128.82	Property Grid
553,299.80	4,175,076.50	10.91	128.82	Property Grid
553,349.80	4,175,076.50	9.31	128.82	Property Grid
552,799.80	4,175,126.50	34.95	125.99	Property Grid
552,849.80	4,175,126.50	35.13	117.67	Property Grid
552,899.80	4,175,126.50	33.93	122.38	Property Grid
552,949.80	4,175,126.50	31.19	127.44	Property Grid
552,999.80	4,175,126.50	25.75	128.82	Property Grid
553,049.80	4,175,126.50	17.99	128.82	Property Grid
553,099.80	4,175,126.50	8.53	128.82	Property Grid
553,149.80	4,175,126.50	10.43	128.82	Property Grid
553,199.80	4,175,126.50	12.01	128.82	Property Grid
553,249.80	4,175,126.50	11.27	128.82	Property Grid
553,299.80	4,175,126.50	9.31	128.82	Property Grid
553,349.80	4,175,126.50	8.11	128.82	Property Grid
553,399.80	4,175,126.50	7.19	128.82	Property Grid
553,449.80	4,175,126.50	6.09	128.82	Property Grid
552,749.80	4,175,176.50	30.22	126.88	Property Grid
552,799.80	4,175,176.50	31.83	126.88	Property Grid
552,849.80	4,175,176.50	32.14	124.59	Property Grid
552,899.80	4,175,176.50	31.49	122.38	Property Grid
552,949.80	4,175,176.50	28.96	124.40	Property Grid
552,999.80	4,175,176.50	24.04	128.82	Property Grid
553,049.80	4,175,176.50	19.28	128.82	Property Grid
553,099.80	4,175,176.50	8.85	128.82	Property Grid
553,149.80	4,175,176.50	9.23	128.82	Property Grid
553,199.80	4,175,176.50	10.67	128.82	Property Grid
553,249.80	4,175,176.50	10.68	128.82	Property Grid
553,299.80	4,175,176.50	9.30	128.82	Property Grid
553,349.80	4,175,176.50	7.97	128.82	Property Grid
553,399.80	4,175,176.50	6.58	128.82	Property Grid
553,449.80	4,175,176.50	5.35	128.82	Property Grid
553,499.80	4,175,176.50	4.44	128.82	Property Grid
552,699.80	4,175,226.50	27.86	126.88	Property Grid
552,749.80	4,175,226.50	27.26	126.88	Property Grid
552,799.80	4,175,226.50	28.92	126.88	Property Grid
552,849.80	4,175,226.50	28.01	124.80	Property Grid
552,899.80	4,175,226.50	26.71	122.38	Property Grid
552,949.80	4,175,226.50	24.70	124.40	Property Grid
552,999.80	4,175,226.50	20.92	128.82	Property Grid
553,049.80	4,175,226.50	16.55	128.82	Property Grid
553,099.80	4,175,226.50	10.19	128.82	Property Grid
553,149.80	4,175,226.50	8.62	128.82	Property Grid
553,199.80	4,175,226.50	9.77	128.82	Property Grid
553,249.80	4,175,226.50	9.35	128.82	Property Grid
553,299.80	4,175,226.50	8.75	128.82	Property Grid
553,349.80	4,175,226.50	7.81	128.82	Property Grid
553,399.80	4,175,226.50	6.21	128.82	Property Grid
553,449.80	4,175,226.50	4.98	128.82	Property Grid
553,499.80	4,175,226.50	4.36	128.82	Property Grid
553,549.80	4,175,226.50	3.54	128.82	Property Grid
552,649.80	4,175,276.50	30.09	126.88	Property Grid
552,699.80	4,175,276.50	24.50	126.88	Property Grid
552,749.80	4,175,276.50	23.85	126.88	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,799.80	4,175,276.50	24.07	126.88	Property Grid
552,849.80	4,175,276.50	22.91	126.88	Property Grid
552,899.80	4,175,276.50	21.69	124.80	Property Grid
552,949.80	4,175,276.50	19.91	124.40	Property Grid
552,999.80	4,175,276.50	17.92	128.49	Property Grid
553,049.80	4,175,276.50	15.07	128.82	Property Grid
553,099.80	4,175,276.50	10.04	128.82	Property Grid
553,149.80	4,175,276.50	8.34	128.82	Property Grid
553,199.80	4,175,276.50	8.63	128.82	Property Grid
553,249.80	4,175,276.50	8.29	128.82	Property Grid
553,299.80	4,175,276.50	7.99	128.82	Property Grid
553,349.80	4,175,276.50	7.38	128.82	Property Grid
553,399.80	4,175,276.50	5.94	128.82	Property Grid
553,449.80	4,175,276.50	4.36	128.82	Property Grid
553,499.80	4,175,276.50	3.69	128.82	Property Grid
553,549.80	4,175,276.50	3.26	128.82	Property Grid
552,649.80	4,175,326.50	24.70	126.88	Property Grid
552,699.80	4,175,326.50	21.31	126.88	Property Grid
552,749.80	4,175,326.50	20.51	126.88	Property Grid
552,799.80	4,175,326.50	20.96	126.88	Property Grid
552,849.80	4,175,326.50	18.46	126.88	Property Grid
552,899.80	4,175,326.50	17.13	125.99	Property Grid
552,949.80	4,175,326.50	16.16	124.59	Property Grid
552,999.80	4,175,326.50	15.42	127.44	Property Grid
553,049.80	4,175,326.50	13.70	128.82	Property Grid
553,099.80	4,175,326.50	10.02	128.82	Property Grid
553,149.80	4,175,326.50	8.52	128.82	Property Grid
553,199.80	4,175,326.50	7.59	128.82	Property Grid
553,249.80	4,175,326.50	6.99	128.82	Property Grid
553,299.80	4,175,326.50	6.86	128.82	Property Grid
553,349.80	4,175,326.50	6.20	128.82	Property Grid
553,399.80	4,175,326.50	5.38	128.82	Property Grid
553,449.80	4,175,326.50	4.70	128.82	Property Grid
553,499.80	4,175,326.50	3.69	128.82	Property Grid
553,549.80	4,175,326.50	3.11	128.82	Property Grid
553,599.80	4,175,326.50	2.98	128.82	Property Grid
552,599.80	4,175,376.50	24.86	126.88	Property Grid
552,649.80	4,175,376.50	21.96	126.88	Property Grid
552,699.80	4,175,376.50	18.30	126.88	Property Grid
552,749.80	4,175,376.50	15.82	126.88	Property Grid
552,799.80	4,175,376.50	17.45	126.88	Property Grid
552,849.80	4,175,376.50	15.83	126.88	Property Grid
552,899.80	4,175,376.50	15.10	125.60	Property Grid
552,949.80	4,175,376.50	14.50	122.38	Property Grid
552,999.80	4,175,376.50	13.90	124.40	Property Grid
553,049.80	4,175,376.50	12.28	127.44	Property Grid
553,099.80	4,175,376.50	10.41	128.82	Property Grid
553,149.80	4,175,376.50	8.98	128.82	Property Grid
553,199.80	4,175,376.50	7.93	128.82	Property Grid
553,249.80	4,175,376.50	6.72	128.82	Property Grid
553,299.80	4,175,376.50	5.75	128.82	Property Grid
553,349.80	4,175,376.50	5.03	128.82	Property Grid
553,399.80	4,175,376.50	4.61	128.82	Property Grid
553,449.80	4,175,376.50	4.14	128.82	Property Grid
553,499.80	4,175,376.50	3.70	128.82	Property Grid
553,549.80	4,175,376.50	3.12	128.82	Property Grid
553,599.80	4,175,376.50	2.98	128.82	Property Grid
552,599.80	4,175,426.50	22.27	126.88	Property Grid
552,649.80	4,175,426.50	19.92	126.88	Property Grid
552,699.80	4,175,426.50	16.89	126.88	Property Grid
552,749.80	4,175,426.50	15.41	126.88	Property Grid
552,799.80	4,175,426.50	15.24	126.88	Property Grid
552,849.80	4,175,426.50	14.86	125.99	Property Grid
552,899.80	4,175,426.50	14.13	124.59	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,949.80	4,175,426.50	13.46	117.48	Property Grid
552,999.80	4,175,426.50	12.29	122.38	Property Grid
553,049.80	4,175,426.50	11.51	124.40	Property Grid
553,099.80	4,175,426.50	10.20	127.44	Property Grid
553,149.80	4,175,426.50	9.27	128.82	Property Grid
553,199.80	4,175,426.50	8.09	128.82	Property Grid
553,249.80	4,175,426.50	7.09	128.82	Property Grid
553,299.80	4,175,426.50	5.85	128.82	Property Grid
553,349.80	4,175,426.50	4.89	128.82	Property Grid
553,399.80	4,175,426.50	4.46	128.82	Property Grid
553,449.80	4,175,426.50	3.91	128.82	Property Grid
553,499.80	4,175,426.50	3.46	128.82	Property Grid
553,549.80	4,175,426.50	3.21	128.82	Property Grid
553,599.80	4,175,426.50	2.98	128.82	Property Grid
553,649.80	4,175,426.50	2.98	128.82	Property Grid
552,599.80	4,175,476.50	20.15	126.88	Property Grid
552,649.80	4,175,476.50	18.22	126.88	Property Grid
552,699.80	4,175,476.50	16.20	126.88	Property Grid
552,749.80	4,175,476.50	16.08	126.88	Property Grid
552,799.80	4,175,476.50	15.32	125.99	Property Grid
552,849.80	4,175,476.50	14.11	124.80	Property Grid
552,899.80	4,175,476.50	13.47	117.48	Property Grid
552,949.80	4,175,476.50	12.78	115.57	Property Grid
552,999.80	4,175,476.50	11.77	112.33	Property Grid
553,049.80	4,175,476.50	11.30	122.38	Property Grid
553,099.80	4,175,476.50	10.20	122.38	Property Grid
553,149.80	4,175,476.50	9.32	127.44	Property Grid
553,199.80	4,175,476.50	8.34	127.44	Property Grid
553,249.80	4,175,476.50	7.10	128.82	Property Grid
553,299.80	4,175,476.50	6.09	128.82	Property Grid
553,349.80	4,175,476.50	5.00	128.82	Property Grid
553,399.80	4,175,476.50	4.14	128.82	Property Grid
553,449.80	4,175,476.50	3.86	128.82	Property Grid
553,499.80	4,175,476.50	3.54	128.82	Property Grid
553,549.80	4,175,476.50	3.22	128.82	Property Grid
553,599.80	4,175,476.50	3.01	128.82	Property Grid
553,649.80	4,175,476.50	3.03	128.82	Property Grid
552,599.80	4,175,526.50	18.70	126.88	Property Grid
552,649.80	4,175,526.50	17.19	126.88	Property Grid
552,699.80	4,175,526.50	16.10	126.88	Property Grid
552,749.80	4,175,526.50	16.09	125.60	Property Grid
552,799.80	4,175,526.50	15.30	124.80	Property Grid
552,849.80	4,175,526.50	14.08	117.48	Property Grid
552,899.80	4,175,526.50	13.03	115.57	Property Grid
552,949.80	4,175,526.50	12.39	112.33	Property Grid
552,999.80	4,175,526.50	11.69	112.33	Property Grid
553,049.80	4,175,526.50	10.85	112.33	Property Grid
553,099.80	4,175,526.50	10.20	112.33	Property Grid
553,199.80	4,175,526.50	8.38	122.38	Property Grid
553,249.80	4,175,526.50	7.39	127.44	Property Grid
553,299.80	4,175,526.50	6.38	127.44	Property Grid
553,349.80	4,175,526.50	5.17	128.82	Property Grid
553,399.80	4,175,526.50	4.52	128.82	Property Grid
553,449.80	4,175,526.50	4.21	128.82	Property Grid
553,499.80	4,175,526.50	4.15	128.82	Property Grid
553,549.80	4,175,526.50	3.64	128.82	Property Grid
553,599.80	4,175,526.50	3.52	128.82	Property Grid
553,649.80	4,175,526.50	3.51	128.82	Property Grid
552,599.80	4,175,576.50	18.12	126.88	Property Grid
552,649.80	4,175,576.50	16.68	126.88	Property Grid
552,699.80	4,175,576.50	15.72	125.60	Property Grid
552,749.80	4,175,576.50	15.58	124.59	Property Grid
552,799.80	4,175,576.50	14.91	117.48	Property Grid
552,849.80	4,175,576.50	14.16	112.33	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,899.80	4,175,576.50	13.23	112.33	Property Grid
552,949.80	4,175,576.50	12.52	112.33	Property Grid
552,999.80	4,175,576.50	11.71	112.33	Property Grid
553,049.80	4,175,576.50	10.84	112.33	Property Grid
553,199.80	4,175,576.50	8.46	112.33	Property Grid
553,249.80	4,175,576.50	7.54	7.54	Property Grid
553,299.80	4,175,576.50	6.60	122.38	Property Grid
553,349.80	4,175,576.50	5.47	124.40	Property Grid
553,399.80	4,175,576.50	5.02	127.44	Property Grid
553,449.80	4,175,576.50	4.66	127.44	Property Grid
553,499.80	4,175,576.50	4.38	127.44	Property Grid
553,549.80	4,175,576.50	3.93	128.82	Property Grid
553,599.80	4,175,576.50	3.82	128.82	Property Grid
553,649.80	4,175,576.50	3.51	128.82	Property Grid
552,599.80	4,175,626.50	17.69	125.60	Property Grid
552,649.80	4,175,626.50	16.19	125.60	Property Grid
552,699.80	4,175,626.50	16.12	124.59	Property Grid
552,749.80	4,175,626.50	15.69	115.57	Property Grid
552,799.80	4,175,626.50	14.78	112.33	Property Grid
552,849.80	4,175,626.50	13.99	112.33	Property Grid
552,899.80	4,175,626.50	13.30	112.33	Property Grid
552,949.80	4,175,626.50	12.52	112.33	Property Grid
552,999.80	4,175,626.50	11.76	112.33	Property Grid
553,049.80	4,175,626.50	11.12	112.33	Property Grid
553,099.80	4,175,626.50	10.23	112.33	Property Grid
553,149.80	4,175,626.50	9.58	112.06	Property Grid
553,199.80	4,175,626.50	8.66	8.66	Property Grid
553,249.80	4,175,626.50	7.74	7.74	Property Grid
553,299.80	4,175,626.50	6.60	6.60	Property Grid
553,349.80	4,175,626.50	5.90	5.90	Property Grid
553,399.80	4,175,626.50	5.41	5.41	Property Grid
553,449.80	4,175,626.50	5.46	5.46	Property Grid
553,499.80	4,175,626.50	5.08	5.08	Property Grid
553,549.80	4,175,626.50	4.70	4.70	Property Grid
553,599.80	4,175,626.50	4.28	4.28	Property Grid
553,649.80	4,175,626.50	3.95	3.95	Property Grid
552,599.80	4,175,676.50	17.22	124.59	Property Grid
552,649.80	4,175,676.50	16.11	117.48	Property Grid
552,699.80	4,175,676.50	16.27	112.33	Property Grid
552,749.80	4,175,676.50	15.67	112.33	Property Grid
552,799.80	4,175,676.50	14.85	112.33	Property Grid
552,849.80	4,175,676.50	14.06	112.33	Property Grid
552,899.80	4,175,676.50	13.31	112.33	Property Grid
552,949.80	4,175,676.50	12.63	112.33	Property Grid
552,999.80	4,175,676.50	11.95	112.33	Property Grid
553,049.80	4,175,676.50	11.15	112.06	Property Grid
553,099.80	4,175,676.50	10.49	10.49	Property Grid
553,149.80	4,175,676.50	9.63	9.63	Property Grid
553,199.80	4,175,676.50	8.72	8.72	Property Grid
553,249.80	4,175,676.50	7.82	7.82	Property Grid
553,299.80	4,175,676.50	6.67	6.67	Property Grid
553,349.80	4,175,676.50	6.51	6.51	Property Grid
553,399.80	4,175,676.50	6.53	6.53	Property Grid
553,449.80	4,175,676.50	6.62	6.62	Property Grid
553,499.80	4,175,676.50	6.32	6.32	Property Grid
553,549.80	4,175,676.50	6.03	6.03	Property Grid
553,599.80	4,175,676.50	5.07	5.07	Property Grid
553,649.80	4,175,676.50	5.14	5.14	Property Grid
552,599.80	4,175,726.50	16.73	112.33	Property Grid
552,649.80	4,175,726.50	16.09	112.33	Property Grid
552,699.80	4,175,726.50	16.09	112.33	Property Grid
552,749.80	4,175,726.50	15.51	112.33	Property Grid
552,799.80	4,175,726.50	14.90	112.33	Property Grid
552,849.80	4,175,726.50	14.18	112.33	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,899.80	4,175,726.50	13.50	112.33	Property Grid
552,949.80	4,175,726.50	12.67	112.06	Property Grid
552,999.80	4,175,726.50	11.94	11.94	Property Grid
553,049.80	4,175,726.50	11.19	11.19	Property Grid
553,099.80	4,175,726.50	10.51	10.51	Property Grid
553,149.80	4,175,726.50	9.81	9.81	Property Grid
553,199.80	4,175,726.50	8.88	8.88	Property Grid
553,249.80	4,175,726.50	7.91	7.91	Property Grid
553,299.80	4,175,726.50	6.71	6.71	Property Grid
553,349.80	4,175,726.50	6.96	6.96	Property Grid
553,399.80	4,175,726.50	7.54	7.54	Property Grid
553,449.80	4,175,726.50	7.73	7.73	Property Grid
553,499.80	4,175,726.50	7.73	7.73	Property Grid
553,549.80	4,175,726.50	6.92	6.92	Property Grid
553,599.80	4,175,726.50	6.30	6.30	Property Grid
553,649.80	4,175,726.50	6.42	6.42	Property Grid
552,649.80	4,175,776.50	16.27	112.33	Property Grid
552,699.80	4,175,776.50	16.41	112.33	Property Grid
552,749.80	4,175,776.50	15.77	112.27	Property Grid
552,799.80	4,175,776.50	15.14	91.22	Property Grid
552,849.80	4,175,776.50	14.42	14.42	Property Grid
552,899.80	4,175,776.50	13.60	13.60	Property Grid
552,949.80	4,175,776.50	12.95	12.95	Property Grid
552,999.80	4,175,776.50	12.28	12.28	Property Grid
553,049.80	4,175,776.50	11.43	11.43	Property Grid
553,099.80	4,175,776.50	10.78	79.45	Property Grid
553,149.80	4,175,776.50	9.94	79.45	Property Grid
553,199.80	4,175,776.50	9.03	79.45	Property Grid
553,249.80	4,175,776.50	8.11	80.14	Property Grid
553,299.80	4,175,776.50	7.62	79.45	Property Grid
553,349.80	4,175,776.50	7.93	79.45	Property Grid
553,399.80	4,175,776.50	8.26	8.26	Property Grid
553,449.80	4,175,776.50	8.92	8.92	Property Grid
553,499.80	4,175,776.50	8.68	8.68	Property Grid
553,549.80	4,175,776.50	7.96	7.96	Property Grid
553,599.80	4,175,776.50	7.73	7.73	Property Grid
552,649.80	4,175,826.50	16.67	91.22	Property Grid
552,699.80	4,175,826.50	16.82	91.22	Property Grid
552,749.80	4,175,826.50	16.08	16.08	Property Grid
552,799.80	4,175,826.50	15.34	15.34	Property Grid
552,849.80	4,175,826.50	14.53	14.53	Property Grid
552,899.80	4,175,826.50	13.89	13.89	Property Grid
552,949.80	4,175,826.50	13.28	77.02	Property Grid
552,999.80	4,175,826.50	12.70	79.45	Property Grid
553,049.80	4,175,826.50	11.95	80.14	Property Grid
553,099.80	4,175,826.50	11.65	80.14	Property Grid
553,149.80	4,175,826.50	10.59	80.14	Property Grid
553,199.80	4,175,826.50	9.41	80.14	Property Grid
553,249.80	4,175,826.50	8.24	80.14	Property Grid
553,299.80	4,175,826.50	8.78	80.14	Property Grid
553,349.80	4,175,826.50	9.64	80.14	Property Grid
553,399.80	4,175,826.50	10.01	79.45	Property Grid
553,449.80	4,175,826.50	10.44	10.44	Property Grid
553,499.80	4,175,826.50	10.14	10.14	Property Grid
553,549.80	4,175,826.50	9.11	9.11	Property Grid
553,599.80	4,175,826.50	7.65	7.65	Property Grid
552,699.80	4,175,876.50	17.22	17.22	Property Grid
552,749.80	4,175,876.50	16.02	16.02	Property Grid
552,799.80	4,175,876.50	15.50	15.50	Property Grid
552,849.80	4,175,876.50	14.85	14.85	Property Grid
552,899.80	4,175,876.50	14.26	79.45	Property Grid
552,949.80	4,175,876.50	13.66	80.14	Property Grid
552,999.80	4,175,876.50	13.34	80.14	Property Grid
553,049.80	4,175,876.50	12.89	80.14	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,099.80	4,175,876.50	12.86	80.14	Property Grid
553,149.80	4,175,876.50	11.86	80.14	Property Grid
553,199.80	4,175,876.50	10.23	80.14	Property Grid
553,249.80	4,175,876.50	8.73	80.14	Property Grid
553,299.80	4,175,876.50	10.04	80.14	Property Grid
553,349.80	4,175,876.50	11.87	80.14	Property Grid
553,399.80	4,175,876.50	12.36	80.14	Property Grid
553,449.80	4,175,876.50	12.36	79.45	Property Grid
553,499.80	4,175,876.50	11.78	79.45	Property Grid
553,549.80	4,175,876.50	10.68	10.68	Property Grid
552,749.80	4,175,926.50	16.50	16.50	Property Grid
552,799.80	4,175,926.50	15.94	77.02	Property Grid
552,849.80	4,175,926.50	15.37	80.14	Property Grid
552,899.80	4,175,926.50	14.60	80.14	Property Grid
552,949.80	4,175,926.50	14.31	80.14	Property Grid
552,999.80	4,175,926.50	14.50	80.14	Property Grid
553,049.80	4,175,926.50	14.49	80.14	Property Grid
553,099.80	4,175,926.50	14.61	80.14	Property Grid
553,149.80	4,175,926.50	14.10	80.14	Property Grid
553,199.80	4,175,926.50	13.28	80.14	Property Grid
553,249.80	4,175,926.50	12.59	80.14	Property Grid
553,299.80	4,175,926.50	13.72	80.14	Property Grid
553,349.80	4,175,926.50	14.62	80.14	Property Grid
553,399.80	4,175,926.50	15.01	80.14	Property Grid
553,449.80	4,175,926.50	15.03	80.14	Property Grid
553,499.80	4,175,926.50	13.70	80.14	Property Grid
553,549.80	4,175,926.50	13.05	79.45	Property Grid
552,799.80	4,175,976.50	16.39	80.14	Property Grid
552,849.80	4,175,976.50	15.62	80.14	Property Grid
552,899.80	4,175,976.50	15.36	80.14	Property Grid
552,949.80	4,175,976.50	15.52	80.14	Property Grid
552,999.80	4,175,976.50	15.77	80.14	Property Grid
553,049.80	4,175,976.50	16.11	80.14	Property Grid
553,099.80	4,175,976.50	16.33	80.14	Property Grid
553,149.80	4,175,976.50	16.01	80.14	Property Grid
553,199.80	4,175,976.50	15.76	80.14	Property Grid
553,249.80	4,175,976.50	15.71	80.14	Property Grid
553,299.80	4,175,976.50	16.90	80.14	Property Grid
553,349.80	4,175,976.50	17.51	80.14	Property Grid
553,399.80	4,175,976.50	17.94	80.14	Property Grid
553,449.80	4,175,976.50	17.39	80.14	Property Grid
553,499.80	4,175,976.50	15.50	80.14	Property Grid
552,849.80	4,176,026.50	16.24	80.14	Property Grid
552,899.80	4,176,026.50	16.42	80.14	Property Grid
552,949.80	4,176,026.50	17.14	80.14	Property Grid
552,999.80	4,176,026.50	17.59	80.14	Property Grid
553,049.80	4,176,026.50	18.11	80.14	Property Grid
553,099.80	4,176,026.50	18.29	80.14	Property Grid
553,149.80	4,176,026.50	18.10	80.14	Property Grid
553,199.80	4,176,026.50	17.47	80.14	Property Grid
553,249.80	4,176,026.50	16.33	80.14	Property Grid
553,299.80	4,176,026.50	19.25	80.14	Property Grid
553,349.80	4,176,026.50	20.64	80.14	Property Grid
553,399.80	4,176,026.50	21.31	80.14	Property Grid
552,949.80	4,176,076.50	19.24	80.14	Property Grid
552,999.80	4,176,076.50	19.84	80.14	Property Grid
553,049.80	4,176,076.50	20.26	80.14	Property Grid
553,099.80	4,176,076.50	20.59	80.14	Property Grid
553,149.80	4,176,076.50	20.62	80.14	Property Grid
553,199.80	4,176,076.50	19.58	80.14	Property Grid
553,249.80	4,176,076.50	18.88	80.14	Property Grid
553,299.80	4,176,076.50	22.42	80.14	Property Grid
551,249.80	4,169,926.50	181.03	400.26	Property Grid
551,349.80	4,169,926.50	196.42	383.18	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,449.80	4,169,926.50	179.42	400.26	Property Grid
551,549.80	4,169,926.50	198.15	366.05	Property Grid
551,649.80	4,169,926.50	221.72	359.29	Property Grid
551,749.80	4,169,926.50	209.03	359.29	Property Grid
551,849.80	4,169,926.50	229.80	359.29	Property Grid
551,949.80	4,169,926.50	249.35	359.29	Property Grid
552,049.80	4,169,926.50	283.97	319.10	Property Grid
552,149.80	4,169,926.50	310.00	315.46	Property Grid
552,249.80	4,169,926.50	314.03	319.10	Property Grid
552,349.80	4,169,926.50	294.38	319.10	Property Grid
552,449.80	4,169,926.50	284.20	319.10	Property Grid
552,549.80	4,169,926.50	264.44	319.10	Property Grid
552,649.80	4,169,926.50	256.77	319.10	Property Grid
552,749.80	4,169,926.50	196.25	319.10	Property Grid
550,949.80	4,170,026.50	310.39	359.29	Property Grid
551,049.80	4,170,026.50	309.69	359.29	Property Grid
551,149.80	4,170,026.50	241.08	366.05	Property Grid
551,249.80	4,170,026.50	223.98	366.05	Property Grid
551,349.80	4,170,026.50	211.33	366.05	Property Grid
551,449.80	4,170,026.50	226.50	359.29	Property Grid
551,549.80	4,170,026.50	222.55	359.29	Property Grid
551,649.80	4,170,026.50	269.84	359.29	Property Grid
551,749.80	4,170,026.50	265.88	359.29	Property Grid
551,849.80	4,170,026.50	277.02	315.46	Property Grid
551,949.80	4,170,026.50	287.24	315.46	Property Grid
552,049.80	4,170,026.50	307.61	307.61	Property Grid
552,149.80	4,170,026.50	293.46	319.10	Property Grid
552,249.80	4,170,026.50	254.04	319.10	Property Grid
552,349.80	4,170,026.50	228.10	319.10	Property Grid
552,449.80	4,170,026.50	223.56	319.10	Property Grid
552,549.80	4,170,026.50	253.15	319.10	Property Grid
552,649.80	4,170,026.50	210.23	319.10	Property Grid
552,749.80	4,170,026.50	192.26	319.10	Property Grid
552,849.80	4,170,026.50	136.69	359.29	Property Grid
552,949.80	4,170,026.50	153.86	359.29	Property Grid
553,049.80	4,170,026.50	178.25	319.10	Property Grid
550,649.80	4,170,126.50	280.48	366.05	Property Grid
550,749.80	4,170,126.50	305.38	359.29	Property Grid
550,849.80	4,170,126.50	303.70	359.29	Property Grid
550,949.80	4,170,126.50	329.36	359.29	Property Grid
551,049.80	4,170,126.50	329.27	359.29	Property Grid
551,149.80	4,170,126.50	277.41	359.29	Property Grid
551,249.80	4,170,126.50	264.79	359.29	Property Grid
551,349.80	4,170,126.50	261.22	359.29	Property Grid
551,449.80	4,170,126.50	264.33	359.29	Property Grid
551,549.80	4,170,126.50	288.60	359.29	Property Grid
551,649.80	4,170,126.50	293.61	315.10	Property Grid
551,749.80	4,170,126.50	312.43	315.10	Property Grid
551,849.80	4,170,126.50	300.86	315.10	Property Grid
551,949.80	4,170,126.50	299.78	310.83	Property Grid
552,049.80	4,170,126.50	272.95	319.10	Property Grid
552,149.80	4,170,126.50	256.16	319.10	Property Grid
552,249.80	4,170,126.50	221.59	359.29	Property Grid
552,349.80	4,170,126.50	172.56	359.29	Property Grid
552,449.80	4,170,126.50	173.28	359.29	Property Grid
552,549.80	4,170,126.50	203.37	319.10	Property Grid
552,649.80	4,170,126.50	199.37	319.10	Property Grid
552,749.80	4,170,126.50	159.52	359.29	Property Grid
552,849.80	4,170,126.50	119.69	359.29	Property Grid
552,949.80	4,170,126.50	110.05	359.29	Property Grid
553,049.80	4,170,126.50	129.15	359.29	Property Grid
553,149.80	4,170,126.50	128.00	359.29	Property Grid
553,249.80	4,170,126.50	100.99	359.29	Property Grid
553,349.80	4,170,126.50	55.24	359.29	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,449.80	4,170,226.50	248.28	400.26	Property Grid
550,549.80	4,170,226.50	239.88	400.26	Property Grid
550,649.80	4,170,226.50	287.09	366.05	Property Grid
550,749.80	4,170,226.50	323.27	359.29	Property Grid
550,849.80	4,170,226.50	347.35	359.29	Property Grid
550,949.80	4,170,226.50	349.16	359.29	Property Grid
551,049.80	4,170,226.50	330.17	359.29	Property Grid
551,149.80	4,170,226.50	325.21	359.29	Property Grid
551,249.80	4,170,226.50	308.70	359.29	Property Grid
551,349.80	4,170,226.50	305.46	359.29	Property Grid
551,449.80	4,170,226.50	308.09	314.95	Property Grid
551,549.80	4,170,226.50	307.97	313.36	Property Grid
551,649.80	4,170,226.50	279.18	359.29	Property Grid
551,749.80	4,170,226.50	256.11	359.29	Property Grid
551,849.80	4,170,226.50	255.11	359.29	Property Grid
551,949.80	4,170,226.50	284.39	315.20	Property Grid
552,049.80	4,170,226.50	243.01	359.29	Property Grid
552,149.80	4,170,226.50	197.44	359.29	Property Grid
552,249.80	4,170,226.50	204.49	359.29	Property Grid
552,349.80	4,170,226.50	153.86	359.29	Property Grid
552,449.80	4,170,226.50	133.39	366.05	Property Grid
552,549.80	4,170,226.50	141.10	359.29	Property Grid
552,649.80	4,170,226.50	145.00	359.29	Property Grid
552,749.80	4,170,226.50	152.90	359.29	Property Grid
552,849.80	4,170,226.50	128.03	359.29	Property Grid
552,949.80	4,170,226.50	82.18	366.05	Property Grid
553,049.80	4,170,226.50	89.52	359.29	Property Grid
553,149.80	4,170,226.50	103.53	359.29	Property Grid
553,249.80	4,170,226.50	81.52	359.29	Property Grid
553,349.80	4,170,226.50	53.86	359.29	Property Grid
553,449.80	4,170,226.50	21.99	366.05	Property Grid
553,549.80	4,170,226.50	10.62	366.05	Property Grid
550,249.80	4,170,326.50	246.37	400.26	Property Grid
550,349.80	4,170,326.50	244.46	400.26	Property Grid
550,449.80	4,170,326.50	275.49	400.26	Property Grid
550,549.80	4,170,326.50	265.96	400.26	Property Grid
550,649.80	4,170,326.50	301.19	359.29	Property Grid
550,749.80	4,170,326.50	321.76	359.29	Property Grid
550,849.80	4,170,326.50	348.62	359.29	Property Grid
550,949.80	4,170,326.50	345.85	359.29	Property Grid
551,049.80	4,170,326.50	339.36	359.29	Property Grid
551,149.80	4,170,326.50	312.75	359.29	Property Grid
551,249.80	4,170,326.50	302.75	359.29	Property Grid
551,349.80	4,170,326.50	287.82	359.29	Property Grid
551,449.80	4,170,326.50	286.95	359.29	Property Grid
551,549.80	4,170,326.50	262.10	359.29	Property Grid
551,649.80	4,170,326.50	245.07	359.29	Property Grid
551,749.80	4,170,326.50	205.50	366.05	Property Grid
551,849.80	4,170,326.50	211.78	359.29	Property Grid
551,949.80	4,170,326.50	259.28	319.10	Property Grid
552,049.80	4,170,326.50	229.32	359.29	Property Grid
552,149.80	4,170,326.50	172.90	359.29	Property Grid
552,249.80	4,170,326.50	154.05	366.05	Property Grid
552,349.80	4,170,326.50	138.20	366.05	Property Grid
552,449.80	4,170,326.50	99.13	400.26	Property Grid
552,549.80	4,170,326.50	99.23	400.26	Property Grid
552,649.80	4,170,326.50	103.57	366.05	Property Grid
552,749.80	4,170,326.50	115.69	359.29	Property Grid
552,849.80	4,170,326.50	97.70	366.05	Property Grid
552,949.80	4,170,326.50	69.10	399.98	Property Grid
553,049.80	4,170,326.50	64.93	366.05	Property Grid
553,149.80	4,170,326.50	87.27	359.29	Property Grid
553,249.80	4,170,326.50	47.65	366.05	Property Grid
553,349.80	4,170,326.50	30.87	366.05	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,449.80	4,170,326.50	14.64	400.26	Property Grid
553,549.80	4,170,326.50	5.12	400.26	Property Grid
553,649.80	4,170,326.50	6.67	366.05	Property Grid
550,149.80	4,170,426.50	233.14	400.26	Property Grid
550,249.80	4,170,426.50	281.72	400.26	Property Grid
550,349.80	4,170,426.50	272.51	400.26	Property Grid
550,449.80	4,170,426.50	301.20	366.05	Property Grid
550,549.80	4,170,426.50	307.58	366.05	Property Grid
550,649.80	4,170,426.50	335.01	346.15	Property Grid
550,749.80	4,170,426.50	325.21	359.29	Property Grid
550,849.80	4,170,426.50	305.39	359.29	Property Grid
550,949.80	4,170,426.50	310.54	359.29	Property Grid
551,049.80	4,170,426.50	301.69	359.29	Property Grid
551,149.80	4,170,426.50	283.37	359.29	Property Grid
551,249.80	4,170,426.50	262.13	359.29	Property Grid
551,349.80	4,170,426.50	233.43	366.05	Property Grid
551,449.80	4,170,426.50	231.10	366.05	Property Grid
551,549.80	4,170,426.50	247.72	359.29	Property Grid
551,649.80	4,170,426.50	197.53	366.05	Property Grid
551,749.80	4,170,426.50	169.90	400.26	Property Grid
551,849.80	4,170,426.50	195.75	366.05	Property Grid
551,949.80	4,170,426.50	216.32	359.29	Property Grid
552,049.80	4,170,426.50	192.53	359.29	Property Grid
552,149.80	4,170,426.50	146.92	399.98	Property Grid
552,249.80	4,170,426.50	111.79	400.26	Property Grid
552,349.80	4,170,426.50	111.17	400.26	Property Grid
552,449.80	4,170,426.50	82.17	400.26	Property Grid
552,549.80	4,170,426.50	75.14	400.26	Property Grid
552,649.80	4,170,426.50	73.00	400.26	Property Grid
552,749.80	4,170,426.50	82.00	400.26	Property Grid
552,849.80	4,170,426.50	66.47	400.26	Property Grid
552,949.80	4,170,426.50	53.18	400.26	Property Grid
553,049.80	4,170,426.50	47.99	400.26	Property Grid
553,149.80	4,170,426.50	60.09	366.05	Property Grid
553,249.80	4,170,426.50	47.67	366.05	Property Grid
553,349.80	4,170,426.50	16.97	400.26	Property Grid
553,449.80	4,170,426.50	9.61	400.26	Property Grid
553,549.80	4,170,426.50	5.12	400.26	Property Grid
553,649.80	4,170,426.50	5.28	366.05	Property Grid
553,749.80	4,170,426.50	5.12	366.05	Property Grid
553,849.80	4,170,426.50	5.24	366.05	Property Grid
549,949.80	4,170,526.50	229.99	400.26	Property Grid
550,049.80	4,170,526.50	214.32	400.26	Property Grid
550,149.80	4,170,526.50	267.24	400.26	Property Grid
550,249.80	4,170,526.50	288.89	400.26	Property Grid
550,349.80	4,170,526.50	301.38	400.26	Property Grid
550,449.80	4,170,526.50	322.38	366.05	Property Grid
550,549.80	4,170,526.50	333.43	337.17	Property Grid
550,649.80	4,170,526.50	318.59	359.29	Property Grid
550,749.80	4,170,526.50	293.24	366.05	Property Grid
550,849.80	4,170,526.50	265.39	400.26	Property Grid
550,949.80	4,170,526.50	273.24	366.05	Property Grid
551,049.80	4,170,526.50	275.29	366.05	Property Grid
551,149.80	4,170,526.50	267.44	366.05	Property Grid
551,249.80	4,170,526.50	211.28	400.26	Property Grid
551,349.80	4,170,526.50	207.46	400.26	Property Grid
551,449.80	4,170,526.50	176.58	400.26	Property Grid
551,549.80	4,170,526.50	189.51	400.26	Property Grid
551,649.80	4,170,526.50	196.36	399.98	Property Grid
551,749.80	4,170,526.50	143.65	400.26	Property Grid
551,849.80	4,170,526.50	142.34	400.26	Property Grid
551,949.80	4,170,526.50	159.98	400.26	Property Grid
552,049.80	4,170,526.50	178.89	366.05	Property Grid
552,149.80	4,170,526.50	140.67	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,249.80	4,170,526.50	104.92	400.26	Property Grid
552,349.80	4,170,526.50	76.57	400.26	Property Grid
552,449.80	4,170,526.50	63.30	400.26	Property Grid
552,549.80	4,170,526.50	53.04	400.26	Property Grid
552,649.80	4,170,526.50	48.25	400.26	Property Grid
552,749.80	4,170,526.50	50.82	400.26	Property Grid
552,849.80	4,170,526.50	47.92	400.26	Property Grid
552,949.80	4,170,526.50	37.58	400.26	Property Grid
553,049.80	4,170,526.50	39.29	400.26	Property Grid
553,149.80	4,170,526.50	65.70	366.05	Property Grid
553,249.80	4,170,526.50	58.82	366.05	Property Grid
553,349.80	4,170,526.50	24.62	400.26	Property Grid
553,449.80	4,170,526.50	7.40	400.26	Property Grid
553,549.80	4,170,526.50	5.12	400.26	Property Grid
553,649.80	4,170,526.50	5.12	399.98	Property Grid
553,749.80	4,170,526.50	5.12	366.05	Property Grid
553,849.80	4,170,526.50	5.12	366.05	Property Grid
553,949.80	4,170,526.50	4.09	359.29	Property Grid
549,849.80	4,170,626.50	222.71	400.26	Property Grid
549,949.80	4,170,626.50	272.53	400.26	Property Grid
550,049.80	4,170,626.50	251.47	400.26	Property Grid
550,149.80	4,170,626.50	261.63	400.26	Property Grid
550,249.80	4,170,626.50	296.79	400.26	Property Grid
550,349.80	4,170,626.50	332.27	366.05	Property Grid
550,449.80	4,170,626.50	342.04	347.71	Property Grid
550,549.80	4,170,626.50	317.39	366.05	Property Grid
550,649.80	4,170,626.50	302.71	366.05	Property Grid
550,749.80	4,170,626.50	266.53	400.26	Property Grid
550,849.80	4,170,626.50	222.69	400.26	Property Grid
550,949.80	4,170,626.50	249.51	400.26	Property Grid
551,049.80	4,170,626.50	248.51	400.26	Property Grid
551,149.80	4,170,626.50	260.38	366.05	Property Grid
551,249.80	4,170,626.50	210.37	400.26	Property Grid
551,349.80	4,170,626.50	148.45	400.26	Property Grid
551,449.80	4,170,626.50	144.21	400.26	Property Grid
551,549.80	4,170,626.50	134.95	400.26	Property Grid
551,649.80	4,170,626.50	174.88	400.26	Property Grid
551,749.80	4,170,626.50	135.39	400.26	Property Grid
551,849.80	4,170,626.50	115.28	400.26	Property Grid
551,949.80	4,170,626.50	125.98	400.26	Property Grid
552,049.80	4,170,626.50	145.17	400.26	Property Grid
552,149.80	4,170,626.50	136.49	400.26	Property Grid
552,249.80	4,170,626.50	104.50	400.26	Property Grid
552,349.80	4,170,626.50	74.03	400.26	Property Grid
552,449.80	4,170,626.50	51.33	400.26	Property Grid
552,549.80	4,170,626.50	39.99	400.26	Property Grid
552,649.80	4,170,626.50	30.10	400.26	Property Grid
552,749.80	4,170,626.50	24.88	400.26	Property Grid
552,849.80	4,170,626.50	28.32	400.26	Property Grid
552,949.80	4,170,626.50	30.27	400.26	Property Grid
553,049.80	4,170,626.50	36.35	400.26	Property Grid
553,149.80	4,170,626.50	78.41	364.62	Property Grid
553,249.80	4,170,626.50	72.10	359.29	Property Grid
553,349.80	4,170,626.50	24.46	400.26	Property Grid
553,449.80	4,170,626.50	5.12	400.26	Property Grid
553,549.80	4,170,626.50	5.12	400.26	Property Grid
553,649.80	4,170,626.50	5.12	400.26	Property Grid
553,749.80	4,170,626.50	5.12	366.05	Property Grid
553,849.80	4,170,626.50	5.12	366.05	Property Grid
553,949.80	4,170,626.50	2.32	359.29	Property Grid
554,049.80	4,170,626.50	0.00	359.29	Property Grid
549,749.80	4,170,726.50	275.67	400.26	Property Grid
549,849.80	4,170,726.50	254.08	400.26	Property Grid
549,949.80	4,170,726.50	287.16	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,049.80	4,170,726.50	287.23	400.26	Property Grid
550,149.80	4,170,726.50	280.83	400.26	Property Grid
550,249.80	4,170,726.50	317.29	400.26	Property Grid
550,349.80	4,170,726.50	334.29	366.05	Property Grid
550,449.80	4,170,726.50	328.62	366.05	Property Grid
550,549.80	4,170,726.50	279.82	400.26	Property Grid
550,649.80	4,170,726.50	290.94	400.26	Property Grid
550,749.80	4,170,726.50	255.64	400.26	Property Grid
550,849.80	4,170,726.50	202.60	400.26	Property Grid
550,949.80	4,170,726.50	207.22	400.26	Property Grid
551,049.80	4,170,726.50	207.42	400.26	Property Grid
551,149.80	4,170,726.50	229.14	400.26	Property Grid
551,249.80	4,170,726.50	208.97	400.26	Property Grid
551,349.80	4,170,726.50	157.81	400.26	Property Grid
551,449.80	4,170,726.50	114.46	400.26	Property Grid
551,549.80	4,170,726.50	105.65	400.26	Property Grid
551,649.80	4,170,726.50	140.66	400.26	Property Grid
551,749.80	4,170,726.50	125.55	400.26	Property Grid
551,849.80	4,170,726.50	88.18	400.26	Property Grid
551,949.80	4,170,726.50	89.95	400.26	Property Grid
552,049.80	4,170,726.50	122.71	400.26	Property Grid
552,149.80	4,170,726.50	123.28	400.26	Property Grid
552,249.80	4,170,726.50	89.61	400.26	Property Grid
552,349.80	4,170,726.50	67.57	400.26	Property Grid
552,449.80	4,170,726.50	45.51	400.26	Property Grid
552,549.80	4,170,726.50	28.25	400.26	Property Grid
552,649.80	4,170,726.50	20.37	400.26	Property Grid
552,749.80	4,170,726.50	14.81	400.26	Property Grid
552,849.80	4,170,726.50	17.36	400.26	Property Grid
552,949.80	4,170,726.50	22.25	400.26	Property Grid
553,049.80	4,170,726.50	36.54	400.26	Property Grid
553,149.80	4,170,726.50	63.58	366.05	Property Grid
553,249.80	4,170,726.50	39.30	400.26	Property Grid
553,349.80	4,170,726.50	6.91	400.26	Property Grid
553,449.80	4,170,726.50	5.12	400.26	Property Grid
553,549.80	4,170,726.50	5.12	400.26	Property Grid
553,649.80	4,170,726.50	5.12	400.26	Property Grid
553,749.80	4,170,726.50	5.12	366.05	Property Grid
553,849.80	4,170,726.50	5.26	366.05	Property Grid
553,949.80	4,170,726.50	2.03	359.29	Property Grid
554,049.80	4,170,726.50	0.00	359.29	Property Grid
554,149.80	4,170,726.50	0.00	359.29	Property Grid
549,649.80	4,170,826.50	287.91	400.26	Property Grid
549,749.80	4,170,826.50	312.97	400.26	Property Grid
549,849.80	4,170,826.50	310.69	400.26	Property Grid
549,949.80	4,170,826.50	283.98	400.26	Property Grid
550,049.80	4,170,826.50	328.42	400.26	Property Grid
550,149.80	4,170,826.50	329.59	400.26	Property Grid
550,249.80	4,170,826.50	327.53	400.26	Property Grid
550,349.80	4,170,826.50	349.83	366.05	Property Grid
550,449.80	4,170,826.50	323.75	366.05	Property Grid
550,549.80	4,170,826.50	265.59	400.26	Property Grid
550,649.80	4,170,826.50	241.84	400.26	Property Grid
550,749.80	4,170,826.50	250.23	400.26	Property Grid
550,849.80	4,170,826.50	207.33	400.26	Property Grid
550,949.80	4,170,826.50	135.06	400.26	Property Grid
551,049.80	4,170,826.50	117.92	400.26	Property Grid
551,149.80	4,170,826.50	197.70	400.26	Property Grid
551,249.80	4,170,826.50	172.66	400.26	Property Grid
551,349.80	4,170,826.50	143.71	400.26	Property Grid
551,449.80	4,170,826.50	112.92	400.26	Property Grid
551,549.80	4,170,826.50	85.53	400.26	Property Grid
551,649.80	4,170,826.50	121.66	400.26	Property Grid
551,749.80	4,170,826.50	107.48	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,849.80	4,170,826.50	82.06	400.26	Property Grid
551,949.80	4,170,826.50	81.25	400.26	Property Grid
552,049.80	4,170,826.50	115.00	400.26	Property Grid
552,149.80	4,170,826.50	112.05	400.26	Property Grid
552,249.80	4,170,826.50	94.95	400.26	Property Grid
552,349.80	4,170,826.50	67.09	400.26	Property Grid
552,449.80	4,170,826.50	38.91	400.26	Property Grid
552,549.80	4,170,826.50	22.12	400.26	Property Grid
552,649.80	4,170,826.50	14.22	400.26	Property Grid
552,749.80	4,170,826.50	10.85	400.26	Property Grid
552,849.80	4,170,826.50	12.47	400.26	Property Grid
552,949.80	4,170,826.50	17.00	400.26	Property Grid
553,049.80	4,170,826.50	40.53	400.26	Property Grid
553,149.80	4,170,826.50	49.20	400.26	Property Grid
553,249.80	4,170,826.50	18.03	400.26	Property Grid
553,349.80	4,170,826.50	5.71	400.26	Property Grid
553,449.80	4,170,826.50	5.12	400.26	Property Grid
553,549.80	4,170,826.50	5.12	400.26	Property Grid
553,649.80	4,170,826.50	5.12	400.26	Property Grid
553,749.80	4,170,826.50	5.12	366.05	Property Grid
553,849.80	4,170,826.50	6.33	366.05	Property Grid
553,949.80	4,170,826.50	0.00	359.29	Property Grid
554,049.80	4,170,826.50	0.00	359.29	Property Grid
554,149.80	4,170,826.50	0.00	359.29	Property Grid
554,249.80	4,170,826.50	0.00	359.29	Property Grid
549,549.80	4,170,926.50	228.52	400.26	Property Grid
549,649.80	4,170,926.50	294.27	400.26	Property Grid
549,749.80	4,170,926.50	336.71	400.26	Property Grid
549,849.80	4,170,926.50	340.60	400.26	Property Grid
549,949.80	4,170,926.50	336.01	400.26	Property Grid
550,049.80	4,170,926.50	334.37	400.26	Property Grid
550,149.80	4,170,926.50	347.38	399.98	Property Grid
550,249.80	4,170,926.50	353.29	366.05	Property Grid
550,349.80	4,170,926.50	342.12	366.05	Property Grid
550,449.80	4,170,926.50	300.26	400.26	Property Grid
550,549.80	4,170,926.50	244.85	400.26	Property Grid
550,649.80	4,170,926.50	198.40	400.26	Property Grid
550,749.80	4,170,926.50	190.17	400.26	Property Grid
550,849.80	4,170,926.50	202.66	400.26	Property Grid
550,949.80	4,170,926.50	134.00	400.26	Property Grid
551,049.80	4,170,926.50	104.15	400.26	Property Grid
551,149.80	4,170,926.50	146.30	400.26	Property Grid
551,249.80	4,170,926.50	147.07	400.26	Property Grid
551,349.80	4,170,926.50	107.88	400.26	Property Grid
551,449.80	4,170,926.50	90.91	400.26	Property Grid
551,549.80	4,170,926.50	70.56	400.26	Property Grid
551,649.80	4,170,926.50	97.02	400.26	Property Grid
551,749.80	4,170,926.50	77.93	400.26	Property Grid
551,849.80	4,170,926.50	62.99	400.26	Property Grid
551,949.80	4,170,926.50	63.19	400.26	Property Grid
552,049.80	4,170,926.50	92.66	400.26	Property Grid
552,149.80	4,170,926.50	91.66	400.26	Property Grid
552,249.80	4,170,926.50	77.54	400.26	Property Grid
552,349.80	4,170,926.50	56.35	400.26	Property Grid
552,449.80	4,170,926.50	38.07	400.26	Property Grid
552,549.80	4,170,926.50	17.92	400.26	Property Grid
552,649.80	4,170,926.50	9.22	400.26	Property Grid
552,749.80	4,170,926.50	6.05	400.26	Property Grid
552,849.80	4,170,926.50	6.23	400.26	Property Grid
552,949.80	4,170,926.50	17.04	400.26	Property Grid
553,049.80	4,170,926.50	40.82	400.26	Property Grid
553,149.80	4,170,926.50	30.58	400.26	Property Grid
553,249.80	4,170,926.50	6.51	400.26	Property Grid
553,349.80	4,170,926.50	5.12	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,449.80	4,170,926.50	5.12	400.26	Property Grid
553,549.80	4,170,926.50	5.12	400.26	Property Grid
553,649.80	4,170,926.50	5.12	400.26	Property Grid
553,749.80	4,170,926.50	5.12	366.05	Property Grid
553,849.80	4,170,926.50	6.13	366.05	Property Grid
553,949.80	4,170,926.50	0.00	359.29	Property Grid
554,049.80	4,170,926.50	0.00	359.29	Property Grid
554,149.80	4,170,926.50	0.00	359.29	Property Grid
554,249.80	4,170,926.50	0.00	359.29	Property Grid
554,349.80	4,170,926.50	0.00	359.29	Property Grid
549,449.80	4,171,026.50	294.59	400.26	Property Grid
549,549.80	4,171,026.50	272.48	400.26	Property Grid
549,649.80	4,171,026.50	293.05	400.26	Property Grid
549,749.80	4,171,026.50	316.69	400.26	Property Grid
549,849.80	4,171,026.50	376.99	383.18	Property Grid
549,949.80	4,171,026.50	366.93	399.98	Property Grid
550,049.80	4,171,026.50	332.30	400.26	Property Grid
550,149.80	4,171,026.50	326.78	400.26	Property Grid
550,249.80	4,171,026.50	315.10	400.26	Property Grid
550,349.80	4,171,026.50	305.06	400.26	Property Grid
550,449.80	4,171,026.50	295.62	400.26	Property Grid
550,549.80	4,171,026.50	270.40	400.26	Property Grid
550,649.80	4,171,026.50	224.32	400.26	Property Grid
550,749.80	4,171,026.50	155.30	400.26	Property Grid
550,849.80	4,171,026.50	156.88	400.26	Property Grid
550,949.80	4,171,026.50	135.38	400.26	Property Grid
551,049.80	4,171,026.50	100.53	400.26	Property Grid
551,149.80	4,171,026.50	105.40	400.26	Property Grid
551,249.80	4,171,026.50	118.58	400.26	Property Grid
551,349.80	4,171,026.50	88.81	400.26	Property Grid
551,449.80	4,171,026.50	72.20	400.26	Property Grid
551,549.80	4,171,026.50	59.05	400.26	Property Grid
551,649.80	4,171,026.50	74.50	400.26	Property Grid
551,749.80	4,171,026.50	52.84	400.26	Property Grid
551,849.80	4,171,026.50	46.80	400.26	Property Grid
551,949.80	4,171,026.50	61.67	400.26	Property Grid
552,049.80	4,171,026.50	69.28	400.26	Property Grid
552,149.80	4,171,026.50	66.38	400.26	Property Grid
552,249.80	4,171,026.50	58.91	400.26	Property Grid
552,349.80	4,171,026.50	36.09	400.26	Property Grid
552,449.80	4,171,026.50	34.56	400.26	Property Grid
552,549.80	4,171,026.50	14.90	400.26	Property Grid
552,649.80	4,171,026.50	5.73	400.26	Property Grid
552,749.80	4,171,026.50	5.72	400.26	Property Grid
552,849.80	4,171,026.50	5.72	400.26	Property Grid
552,949.80	4,171,026.50	8.69	400.26	Property Grid
553,049.80	4,171,026.50	9.28	400.26	Property Grid
553,149.80	4,171,026.50	8.28	400.26	Property Grid
553,249.80	4,171,026.50	5.25	400.26	Property Grid
553,349.80	4,171,026.50	5.12	400.26	Property Grid
553,449.80	4,171,026.50	5.12	400.26	Property Grid
553,549.80	4,171,026.50	5.12	400.26	Property Grid
553,649.80	4,171,026.50	5.12	400.26	Property Grid
553,749.80	4,171,026.50	5.26	366.05	Property Grid
553,849.80	4,171,026.50	6.47	366.05	Property Grid
553,949.80	4,171,026.50	0.00	359.29	Property Grid
554,049.80	4,171,026.50	0.00	359.29	Property Grid
554,149.80	4,171,026.50	0.00	359.29	Property Grid
554,249.80	4,171,026.50	0.00	359.29	Property Grid
554,349.80	4,171,026.50	0.00	359.29	Property Grid
554,449.80	4,171,026.50	0.00	319.10	Property Grid
549,449.80	4,171,126.50	309.40	400.26	Property Grid
549,549.80	4,171,126.50	321.97	400.26	Property Grid
549,649.80	4,171,126.50	326.34	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,749.80	4,171,126.50	336.63	400.26	Property Grid
549,849.80	4,171,126.50	369.95	400.26	Property Grid
549,949.80	4,171,126.50	336.28	400.26	Property Grid
550,049.80	4,171,126.50	330.69	400.26	Property Grid
550,149.80	4,171,126.50	305.29	400.26	Property Grid
550,249.80	4,171,126.50	292.68	400.26	Property Grid
550,349.80	4,171,126.50	277.68	400.26	Property Grid
550,449.80	4,171,126.50	248.95	400.26	Property Grid
550,549.80	4,171,126.50	228.33	400.26	Property Grid
550,649.80	4,171,126.50	225.63	400.26	Property Grid
550,749.80	4,171,126.50	186.62	400.26	Property Grid
550,849.80	4,171,126.50	120.65	400.26	Property Grid
550,949.80	4,171,126.50	107.95	400.26	Property Grid
551,049.80	4,171,126.50	86.98	400.26	Property Grid
551,149.80	4,171,126.50	98.17	400.26	Property Grid
551,249.80	4,171,126.50	97.96	400.26	Property Grid
551,349.80	4,171,126.50	77.01	400.26	Property Grid
551,449.80	4,171,126.50	53.64	400.26	Property Grid
551,549.80	4,171,126.50	46.60	400.26	Property Grid
551,649.80	4,171,126.50	46.30	400.26	Property Grid
551,749.80	4,171,126.50	38.62	400.26	Property Grid
551,849.80	4,171,126.50	35.38	400.26	Property Grid
551,949.80	4,171,126.50	40.72	400.26	Property Grid
552,049.80	4,171,126.50	41.20	400.26	Property Grid
552,149.80	4,171,126.50	36.91	400.26	Property Grid
552,249.80	4,171,126.50	24.75	400.26	Property Grid
552,349.80	4,171,126.50	17.27	400.26	Property Grid
552,449.80	4,171,126.50	9.70	400.26	Property Grid
552,549.80	4,171,126.50	5.71	400.26	Property Grid
552,649.80	4,171,126.50	5.72	400.26	Property Grid
552,749.80	4,171,126.50	5.72	400.26	Property Grid
552,849.80	4,171,126.50	5.72	400.26	Property Grid
552,949.80	4,171,126.50	5.72	400.26	Property Grid
553,049.80	4,171,126.50	5.72	400.26	Property Grid
553,149.80	4,171,126.50	7.73	400.26	Property Grid
553,249.80	4,171,126.50	5.12	400.26	Property Grid
553,349.80	4,171,126.50	5.12	400.26	Property Grid
553,449.80	4,171,126.50	5.12	400.26	Property Grid
553,549.80	4,171,126.50	5.12	400.26	Property Grid
553,649.80	4,171,126.50	5.12	400.26	Property Grid
553,749.80	4,171,126.50	5.12	366.05	Property Grid
553,849.80	4,171,126.50	5.25	366.05	Property Grid
553,949.80	4,171,126.50	0.00	359.29	Property Grid
554,049.80	4,171,126.50	0.00	359.29	Property Grid
554,149.80	4,171,126.50	0.00	359.29	Property Grid
554,249.80	4,171,126.50	0.00	359.29	Property Grid
554,349.80	4,171,126.50	0.00	359.29	Property Grid
554,449.80	4,171,126.50	0.00	319.10	Property Grid
554,549.80	4,171,126.50	0.00	319.10	Property Grid
549,349.80	4,171,226.50	278.61	400.26	Property Grid
549,449.80	4,171,226.50	292.77	400.26	Property Grid
549,549.80	4,171,226.50	340.09	400.26	Property Grid
549,649.80	4,171,226.50	344.61	400.26	Property Grid
549,749.80	4,171,226.50	365.33	400.26	Property Grid
549,849.80	4,171,226.50	368.96	400.26	Property Grid
549,949.80	4,171,226.50	335.57	400.26	Property Grid
550,049.80	4,171,226.50	298.13	400.26	Property Grid
550,149.80	4,171,226.50	281.94	400.26	Property Grid
550,249.80	4,171,226.50	293.07	400.26	Property Grid
550,349.80	4,171,226.50	270.57	400.26	Property Grid
550,449.80	4,171,226.50	211.62	400.26	Property Grid
550,549.80	4,171,226.50	199.97	400.26	Property Grid
550,649.80	4,171,226.50	167.78	400.26	Property Grid
550,749.80	4,171,226.50	176.06	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,849.80	4,171,226.50	158.11	400.26	Property Grid
550,949.80	4,171,226.50	113.28	400.26	Property Grid
551,049.80	4,171,226.50	78.23	400.26	Property Grid
551,149.80	4,171,226.50	71.42	400.26	Property Grid
551,249.80	4,171,226.50	70.32	400.26	Property Grid
551,349.80	4,171,226.50	54.01	400.26	Property Grid
551,449.80	4,171,226.50	45.22	400.26	Property Grid
551,549.80	4,171,226.50	39.94	400.26	Property Grid
551,649.80	4,171,226.50	36.13	400.26	Property Grid
551,749.80	4,171,226.50	31.59	400.26	Property Grid
551,849.80	4,171,226.50	28.07	400.26	Property Grid
551,949.80	4,171,226.50	26.98	400.26	Property Grid
552,049.80	4,171,226.50	23.37	400.26	Property Grid
552,149.80	4,171,226.50	27.38	400.26	Property Grid
552,249.80	4,171,226.50	18.02	400.26	Property Grid
552,349.80	4,171,226.50	9.22	400.26	Property Grid
552,449.80	4,171,226.50	5.88	400.26	Property Grid
552,549.80	4,171,226.50	5.72	400.26	Property Grid
552,649.80	4,171,226.50	5.72	400.26	Property Grid
552,749.80	4,171,226.50	5.72	400.26	Property Grid
552,849.80	4,171,226.50	5.72	400.26	Property Grid
552,949.80	4,171,226.50	5.72	400.26	Property Grid
553,049.80	4,171,226.50	5.73	400.26	Property Grid
553,149.80	4,171,226.50	5.12	400.26	Property Grid
553,249.80	4,171,226.50	5.12	400.26	Property Grid
553,349.80	4,171,226.50	5.12	400.26	Property Grid
553,449.80	4,171,226.50	5.12	400.26	Property Grid
553,549.80	4,171,226.50	5.12	400.26	Property Grid
553,649.80	4,171,226.50	5.12	400.26	Property Grid
553,749.80	4,171,226.50	5.12	366.05	Property Grid
553,849.80	4,171,226.50	5.48	366.05	Property Grid
553,949.80	4,171,226.50	0.00	359.29	Property Grid
554,049.80	4,171,226.50	0.00	359.29	Property Grid
554,149.80	4,171,226.50	0.00	359.29	Property Grid
554,249.80	4,171,226.50	0.00	359.29	Property Grid
554,349.80	4,171,226.50	0.00	359.29	Property Grid
554,449.80	4,171,226.50	0.00	319.10	Property Grid
554,549.80	4,171,226.50	0.00	319.10	Property Grid
549,249.80	4,171,326.50	276.67	400.26	Property Grid
549,349.80	4,171,326.50	319.27	400.26	Property Grid
549,449.80	4,171,326.50	341.27	400.26	Property Grid
549,549.80	4,171,326.50	336.77	400.26	Property Grid
549,649.80	4,171,326.50	337.94	400.26	Property Grid
549,749.80	4,171,326.50	391.70	400.26	Property Grid
549,849.80	4,171,326.50	369.48	400.26	Property Grid
549,949.80	4,171,326.50	335.30	400.26	Property Grid
550,049.80	4,171,326.50	291.63	400.26	Property Grid
550,149.80	4,171,326.50	256.17	400.26	Property Grid
550,249.80	4,171,326.50	288.07	400.26	Property Grid
550,349.80	4,171,326.50	251.31	400.26	Property Grid
550,449.80	4,171,326.50	204.42	400.26	Property Grid
550,549.80	4,171,326.50	154.53	400.26	Property Grid
550,649.80	4,171,326.50	143.02	400.26	Property Grid
550,749.80	4,171,326.50	128.73	400.26	Property Grid
550,849.80	4,171,326.50	136.95	400.26	Property Grid
550,949.80	4,171,326.50	113.79	400.26	Property Grid
551,049.80	4,171,326.50	80.61	400.26	Property Grid
551,149.80	4,171,326.50	65.00	400.26	Property Grid
551,249.80	4,171,326.50	57.94	400.26	Property Grid
551,349.80	4,171,326.50	46.09	400.26	Property Grid
551,449.80	4,171,326.50	42.11	400.26	Property Grid
551,549.80	4,171,326.50	35.96	400.26	Property Grid
551,649.80	4,171,326.50	31.95	400.26	Property Grid
551,749.80	4,171,326.50	27.08	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,849.80	4,171,326.50	20.69	400.26	Property Grid
551,949.80	4,171,326.50	17.97	400.26	Property Grid
552,049.80	4,171,326.50	14.43	400.26	Property Grid
552,149.80	4,171,326.50	12.36	400.26	Property Grid
552,249.80	4,171,326.50	8.60	400.26	Property Grid
552,349.80	4,171,326.50	5.85	400.26	Property Grid
552,449.80	4,171,326.50	5.72	400.26	Property Grid
552,549.80	4,171,326.50	5.72	400.26	Property Grid
552,649.80	4,171,326.50	5.72	400.26	Property Grid
552,749.80	4,171,326.50	7.98	400.26	Property Grid
552,849.80	4,171,326.50	7.79	400.26	Property Grid
552,949.80	4,171,326.50	5.99	400.26	Property Grid
553,049.80	4,171,326.50	5.66	400.26	Property Grid
553,149.80	4,171,326.50	5.12	400.26	Property Grid
553,249.80	4,171,326.50	5.12	400.26	Property Grid
553,349.80	4,171,326.50	5.12	400.26	Property Grid
553,449.80	4,171,326.50	5.12	400.26	Property Grid
553,549.80	4,171,326.50	5.12	400.26	Property Grid
553,649.80	4,171,326.50	5.12	400.26	Property Grid
553,749.80	4,171,326.50	5.33	366.05	Property Grid
553,849.80	4,171,326.50	1.18	366.05	Property Grid
553,949.80	4,171,326.50	0.00	359.29	Property Grid
554,049.80	4,171,326.50	0.00	359.29	Property Grid
554,149.80	4,171,326.50	0.00	359.29	Property Grid
554,249.80	4,171,326.50	0.00	359.29	Property Grid
554,349.80	4,171,326.50	0.00	359.29	Property Grid
554,449.80	4,171,326.50	0.00	319.10	Property Grid
554,549.80	4,171,326.50	0.00	319.10	Property Grid
554,649.80	4,171,326.50	0.00	319.10	Property Grid
549,249.80	4,171,426.50	291.37	400.26	Property Grid
549,349.80	4,171,426.50	328.56	400.26	Property Grid
549,449.80	4,171,426.50	337.99	400.26	Property Grid
549,549.80	4,171,426.50	363.06	400.26	Property Grid
549,649.80	4,171,426.50	367.62	400.26	Property Grid
549,749.80	4,171,426.50	358.68	400.26	Property Grid
549,849.80	4,171,426.50	328.42	400.26	Property Grid
549,949.80	4,171,426.50	302.50	400.26	Property Grid
550,049.80	4,171,426.50	271.41	400.26	Property Grid
550,149.80	4,171,426.50	236.28	400.26	Property Grid
550,249.80	4,171,426.50	264.21	400.26	Property Grid
550,349.80	4,171,426.50	239.19	400.26	Property Grid
550,449.80	4,171,426.50	204.30	400.26	Property Grid
550,549.80	4,171,426.50	158.91	400.26	Property Grid
550,649.80	4,171,426.50	124.78	400.26	Property Grid
550,749.80	4,171,426.50	108.28	400.26	Property Grid
550,849.80	4,171,426.50	102.65	400.26	Property Grid
550,949.80	4,171,426.50	104.20	400.26	Property Grid
551,049.80	4,171,426.50	93.71	400.26	Property Grid
551,149.80	4,171,426.50	64.72	400.26	Property Grid
551,249.80	4,171,426.50	49.78	400.26	Property Grid
551,349.80	4,171,426.50	44.16	400.26	Property Grid
551,449.80	4,171,426.50	41.69	400.26	Property Grid
551,549.80	4,171,426.50	36.70	400.26	Property Grid
551,649.80	4,171,426.50	28.21	400.26	Property Grid
551,749.80	4,171,426.50	24.08	400.26	Property Grid
551,849.80	4,171,426.50	15.61	400.26	Property Grid
551,949.80	4,171,426.50	12.84	400.26	Property Grid
552,049.80	4,171,426.50	10.44	400.26	Property Grid
552,149.80	4,171,426.50	8.37	400.26	Property Grid
552,249.80	4,171,426.50	5.95	400.26	Property Grid
552,349.80	4,171,426.50	5.72	400.26	Property Grid
552,449.80	4,171,426.50	5.72	400.26	Property Grid
552,549.80	4,171,426.50	5.72	400.26	Property Grid
552,649.80	4,171,426.50	5.73	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,749.80	4,171,426.50	8.52	400.26	Property Grid
552,849.80	4,171,426.50	7.63	400.26	Property Grid
552,949.80	4,171,426.50	7.44	400.26	Property Grid
553,049.80	4,171,426.50	6.97	400.26	Property Grid
553,149.80	4,171,426.50	6.15	400.26	Property Grid
553,249.80	4,171,426.50	5.24	400.26	Property Grid
553,349.80	4,171,426.50	7.25	400.26	Property Grid
553,449.80	4,171,426.50	6.41	400.26	Property Grid
553,549.80	4,171,426.50	6.45	400.26	Property Grid
553,649.80	4,171,426.50	6.36	400.26	Property Grid
553,749.80	4,171,426.50	6.54	366.05	Property Grid
553,849.80	4,171,426.50	0.00	366.05	Property Grid
553,949.80	4,171,426.50	0.00	359.29	Property Grid
554,049.80	4,171,426.50	0.00	359.29	Property Grid
554,149.80	4,171,426.50	0.00	359.29	Property Grid
554,249.80	4,171,426.50	0.00	359.29	Property Grid
554,349.80	4,171,426.50	0.00	319.10	Property Grid
554,449.80	4,171,426.50	0.00	319.10	Property Grid
554,549.80	4,171,426.50	0.00	319.10	Property Grid
554,649.80	4,171,426.50	0.00	319.10	Property Grid
554,749.80	4,171,426.50	0.00	319.10	Property Grid
549,149.80	4,171,526.50	281.62	400.26	Property Grid
549,249.80	4,171,526.50	309.03	400.26	Property Grid
549,349.80	4,171,526.50	315.39	400.26	Property Grid
549,449.80	4,171,526.50	341.30	400.26	Property Grid
549,549.80	4,171,526.50	365.90	400.26	Property Grid
549,649.80	4,171,526.50	356.13	400.26	Property Grid
549,749.80	4,171,526.50	354.43	400.26	Property Grid
549,849.80	4,171,526.50	336.01	400.26	Property Grid
549,949.80	4,171,526.50	310.82	400.26	Property Grid
550,049.80	4,171,526.50	278.27	400.26	Property Grid
550,149.80	4,171,526.50	232.35	400.26	Property Grid
550,249.80	4,171,526.50	229.49	400.26	Property Grid
550,349.80	4,171,526.50	223.03	400.26	Property Grid
550,449.80	4,171,526.50	199.86	400.26	Property Grid
550,549.80	4,171,526.50	155.99	400.26	Property Grid
550,649.80	4,171,526.50	143.17	400.26	Property Grid
550,749.80	4,171,526.50	102.88	400.26	Property Grid
550,849.80	4,171,526.50	78.84	400.26	Property Grid
550,949.80	4,171,526.50	72.40	400.26	Property Grid
551,049.80	4,171,526.50	64.05	400.26	Property Grid
551,149.80	4,171,526.50	51.69	400.26	Property Grid
551,249.80	4,171,526.50	41.87	400.26	Property Grid
551,349.80	4,171,526.50	38.76	400.26	Property Grid
551,449.80	4,171,526.50	35.80	400.26	Property Grid
551,549.80	4,171,526.50	29.24	400.26	Property Grid
551,649.80	4,171,526.50	24.19	400.26	Property Grid
551,749.80	4,171,526.50	19.24	400.26	Property Grid
551,849.80	4,171,526.50	15.97	400.26	Property Grid
551,949.80	4,171,526.50	13.52	400.26	Property Grid
552,049.80	4,171,526.50	13.46	400.26	Property Grid
552,149.80	4,171,526.50	13.10	400.26	Property Grid
552,249.80	4,171,526.50	7.85	400.26	Property Grid
552,349.80	4,171,526.50	7.15	400.26	Property Grid
552,449.80	4,171,526.50	6.65	400.26	Property Grid
552,549.80	4,171,526.50	5.73	400.26	Property Grid
552,649.80	4,171,526.50	16.27	400.26	Property Grid
552,749.80	4,171,526.50	7.25	400.26	Property Grid
552,849.80	4,171,526.50	6.94	400.26	Property Grid
552,949.80	4,171,526.50	7.56	400.26	Property Grid
553,049.80	4,171,526.50	7.87	400.26	Property Grid
553,149.80	4,171,526.50	6.09	400.26	Property Grid
553,249.80	4,171,526.50	5.12	400.26	Property Grid
553,349.80	4,171,526.50	6.86	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,449.80	4,171,526.50	6.89	400.26	Property Grid
553,549.80	4,171,526.50	6.30	400.26	Property Grid
553,649.80	4,171,526.50	6.03	400.26	Property Grid
553,749.80	4,171,526.50	6.10	366.05	Property Grid
553,849.80	4,171,526.50	0.00	366.05	Property Grid
553,949.80	4,171,526.50	0.00	359.29	Property Grid
554,049.80	4,171,526.50	0.00	359.29	Property Grid
554,149.80	4,171,526.50	0.00	359.29	Property Grid
554,249.80	4,171,526.50	0.00	359.29	Property Grid
554,349.80	4,171,526.50	0.00	319.10	Property Grid
554,449.80	4,171,526.50	0.00	319.10	Property Grid
554,549.80	4,171,526.50	0.00	319.10	Property Grid
554,649.80	4,171,526.50	0.00	319.10	Property Grid
554,749.80	4,171,526.50	0.00	319.10	Property Grid
549,149.80	4,171,626.50	309.30	400.26	Property Grid
549,249.80	4,171,626.50	296.46	400.26	Property Grid
549,349.80	4,171,626.50	307.43	400.26	Property Grid
549,449.80	4,171,626.50	325.02	400.26	Property Grid
549,549.80	4,171,626.50	354.64	400.26	Property Grid
549,649.80	4,171,626.50	315.60	400.26	Property Grid
549,749.80	4,171,626.50	339.20	400.26	Property Grid
549,849.80	4,171,626.50	333.36	400.26	Property Grid
549,949.80	4,171,626.50	327.89	400.26	Property Grid
550,049.80	4,171,626.50	295.20	400.26	Property Grid
550,149.80	4,171,626.50	252.88	400.26	Property Grid
550,249.80	4,171,626.50	187.48	400.26	Property Grid
550,349.80	4,171,626.50	176.00	400.26	Property Grid
550,449.80	4,171,626.50	180.36	400.26	Property Grid
550,549.80	4,171,626.50	151.50	400.26	Property Grid
550,649.80	4,171,626.50	110.91	400.26	Property Grid
550,749.80	4,171,626.50	108.99	400.26	Property Grid
550,849.80	4,171,626.50	84.75	400.26	Property Grid
550,949.80	4,171,626.50	59.64	400.26	Property Grid
551,049.80	4,171,626.50	52.94	400.26	Property Grid
551,149.80	4,171,626.50	44.00	400.26	Property Grid
551,249.80	4,171,626.50	37.33	400.26	Property Grid
551,349.80	4,171,626.50	35.30	400.26	Property Grid
551,449.80	4,171,626.50	31.70	400.26	Property Grid
551,549.80	4,171,626.50	26.80	400.26	Property Grid
551,649.80	4,171,626.50	22.82	400.26	Property Grid
551,749.80	4,171,626.50	18.34	400.26	Property Grid
551,849.80	4,171,626.50	19.33	400.26	Property Grid
551,949.80	4,171,626.50	28.31	400.26	Property Grid
552,049.80	4,171,626.50	46.56	400.26	Property Grid
552,149.80	4,171,626.50	35.77	400.26	Property Grid
552,249.80	4,171,626.50	26.39	400.26	Property Grid
552,349.80	4,171,626.50	25.22	400.26	Property Grid
552,449.80	4,171,626.50	20.45	400.26	Property Grid
552,549.80	4,171,626.50	13.06	400.26	Property Grid
552,649.80	4,171,626.50	12.58	400.26	Property Grid
552,749.80	4,171,626.50	8.10	400.26	Property Grid
552,849.80	4,171,626.50	6.94	400.26	Property Grid
552,949.80	4,171,626.50	7.43	400.26	Property Grid
553,049.80	4,171,626.50	8.20	400.26	Property Grid
553,149.80	4,171,626.50	6.33	400.26	Property Grid
553,249.80	4,171,626.50	6.74	400.26	Property Grid
553,349.80	4,171,626.50	6.86	400.26	Property Grid
553,449.80	4,171,626.50	6.94	400.26	Property Grid
553,549.80	4,171,626.50	7.03	400.26	Property Grid
553,649.80	4,171,626.50	6.63	400.26	Property Grid
553,749.80	4,171,626.50	6.35	366.05	Property Grid
553,849.80	4,171,626.50	0.00	366.05	Property Grid
553,949.80	4,171,626.50	0.00	359.29	Property Grid
554,049.80	4,171,626.50	0.00	359.29	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,149.80	4,171,626.50	0.00	359.29	Property Grid
554,249.80	4,171,626.50	0.00	344.79	Property Grid
554,349.80	4,171,626.50	0.00	319.10	Property Grid
554,449.80	4,171,626.50	0.00	319.10	Property Grid
554,549.80	4,171,626.50	0.00	319.10	Property Grid
554,649.80	4,171,626.50	0.00	319.10	Property Grid
554,749.80	4,171,626.50	0.00	319.10	Property Grid
554,849.80	4,171,626.50	0.00	319.10	Property Grid
549,049.80	4,171,726.50	272.95	400.26	Property Grid
549,149.80	4,171,726.50	291.66	400.26	Property Grid
549,249.80	4,171,726.50	274.04	400.26	Property Grid
549,349.80	4,171,726.50	298.96	400.26	Property Grid
549,449.80	4,171,726.50	330.08	400.26	Property Grid
549,549.80	4,171,726.50	315.30	400.26	Property Grid
549,649.80	4,171,726.50	291.32	400.26	Property Grid
549,749.80	4,171,726.50	311.48	400.26	Property Grid
549,849.80	4,171,726.50	308.84	400.26	Property Grid
549,949.80	4,171,726.50	318.00	400.26	Property Grid
550,049.80	4,171,726.50	265.21	400.26	Property Grid
550,149.80	4,171,726.50	248.59	400.26	Property Grid
550,249.80	4,171,726.50	202.62	400.26	Property Grid
550,349.80	4,171,726.50	134.52	400.26	Property Grid
550,449.80	4,171,726.50	136.79	400.26	Property Grid
550,549.80	4,171,726.50	131.76	400.26	Property Grid
550,649.80	4,171,726.50	108.03	400.26	Property Grid
550,749.80	4,171,726.50	78.00	400.26	Property Grid
550,849.80	4,171,726.50	64.55	400.26	Property Grid
550,949.80	4,171,726.50	51.81	400.26	Property Grid
551,049.80	4,171,726.50	47.24	400.26	Property Grid
551,149.80	4,171,726.50	42.01	400.26	Property Grid
551,249.80	4,171,726.50	36.32	400.26	Property Grid
551,349.80	4,171,726.50	32.52	400.26	Property Grid
551,449.80	4,171,726.50	30.23	400.26	Property Grid
551,549.80	4,171,726.50	23.75	400.26	Property Grid
551,649.80	4,171,726.50	24.44	400.26	Property Grid
551,749.80	4,171,726.50	22.74	400.26	Property Grid
551,849.80	4,171,726.50	27.10	400.26	Property Grid
551,949.80	4,171,726.50	40.40	400.26	Property Grid
552,049.80	4,171,726.50	73.87	400.26	Property Grid
552,149.80	4,171,726.50	78.70	400.26	Property Grid
552,249.80	4,171,726.50	53.68	400.26	Property Grid
552,349.80	4,171,726.50	29.13	400.26	Property Grid
552,449.80	4,171,726.50	31.87	400.26	Property Grid
552,549.80	4,171,726.50	30.85	400.26	Property Grid
552,649.80	4,171,726.50	34.54	400.26	Property Grid
552,749.80	4,171,726.50	23.61	400.26	Property Grid
552,849.80	4,171,726.50	10.62	400.26	Property Grid
552,949.80	4,171,726.50	8.26	400.26	Property Grid
553,049.80	4,171,726.50	7.35	400.26	Property Grid
553,149.80	4,171,726.50	6.71	400.26	Property Grid
553,249.80	4,171,726.50	6.98	400.26	Property Grid
553,349.80	4,171,726.50	7.07	400.26	Property Grid
553,449.80	4,171,726.50	6.86	400.26	Property Grid
553,549.80	4,171,726.50	7.05	400.26	Property Grid
553,649.80	4,171,726.50	6.70	400.26	Property Grid
553,749.80	4,171,726.50	1.26	366.05	Property Grid
553,849.80	4,171,726.50	0.00	364.62	Property Grid
553,949.80	4,171,726.50	0.00	359.29	Property Grid
554,049.80	4,171,726.50	0.00	359.29	Property Grid
554,149.80	4,171,726.50	0.00	359.29	Property Grid
554,249.80	4,171,726.50	0.00	319.10	Property Grid
554,349.80	4,171,726.50	0.00	319.10	Property Grid
554,449.80	4,171,726.50	0.00	319.10	Property Grid
554,549.80	4,171,726.50	0.00	319.10	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,649.80	4,171,726.50	0.00	319.10	Property Grid
554,749.80	4,171,726.50	0.00	319.10	Property Grid
554,849.80	4,171,726.50	0.00	319.10	Property Grid
549,049.80	4,171,826.50	249.72	400.26	Property Grid
549,149.80	4,171,826.50	261.20	400.26	Property Grid
549,249.80	4,171,826.50	266.69	400.26	Property Grid
549,349.80	4,171,826.50	292.66	400.26	Property Grid
549,449.80	4,171,826.50	307.01	400.26	Property Grid
549,549.80	4,171,826.50	280.39	400.26	Property Grid
549,649.80	4,171,826.50	271.04	400.26	Property Grid
549,749.80	4,171,826.50	300.93	400.26	Property Grid
549,849.80	4,171,826.50	275.95	400.26	Property Grid
549,949.80	4,171,826.50	293.68	400.26	Property Grid
550,049.80	4,171,826.50	278.91	400.26	Property Grid
550,149.80	4,171,826.50	232.03	400.26	Property Grid
550,249.80	4,171,826.50	182.15	400.26	Property Grid
550,349.80	4,171,826.50	136.45	400.26	Property Grid
550,449.80	4,171,826.50	99.01	400.26	Property Grid
550,549.80	4,171,826.50	98.21	400.26	Property Grid
550,649.80	4,171,826.50	80.55	400.26	Property Grid
550,749.80	4,171,826.50	67.36	400.26	Property Grid
550,849.80	4,171,826.50	58.94	400.26	Property Grid
550,949.80	4,171,826.50	47.21	400.26	Property Grid
551,049.80	4,171,826.50	43.91	400.26	Property Grid
551,149.80	4,171,826.50	39.25	400.26	Property Grid
551,249.80	4,171,826.50	43.97	400.26	Property Grid
551,349.80	4,171,826.50	42.68	400.26	Property Grid
551,449.80	4,171,826.50	34.90	400.26	Property Grid
551,549.80	4,171,826.50	32.06	400.26	Property Grid
551,649.80	4,171,826.50	34.02	400.26	Property Grid
551,749.80	4,171,826.50	36.53	400.26	Property Grid
551,849.80	4,171,826.50	47.43	400.26	Property Grid
551,949.80	4,171,826.50	55.08	400.26	Property Grid
552,049.80	4,171,826.50	55.61	400.26	Property Grid
552,149.80	4,171,826.50	80.22	400.26	Property Grid
552,249.80	4,171,826.50	66.42	400.26	Property Grid
552,349.80	4,171,826.50	30.42	400.26	Property Grid
552,449.80	4,171,826.50	35.54	400.26	Property Grid
552,549.80	4,171,826.50	33.76	400.26	Property Grid
552,649.80	4,171,826.50	58.69	400.26	Property Grid
552,749.80	4,171,826.50	11.12	400.26	Property Grid
552,849.80	4,171,826.50	21.04	400.26	Property Grid
552,949.80	4,171,826.50	6.94	400.26	Property Grid
553,049.80	4,171,826.50	7.52	400.26	Property Grid
553,149.80	4,171,826.50	7.45	400.26	Property Grid
553,249.80	4,171,826.50	7.25	400.26	Property Grid
553,349.80	4,171,826.50	7.84	400.26	Property Grid
553,449.80	4,171,826.50	7.80	400.26	Property Grid
553,549.80	4,171,826.50	6.34	400.26	Property Grid
553,649.80	4,171,826.50	7.02	400.26	Property Grid
553,749.80	4,171,826.50	0.15	366.05	Property Grid
553,849.80	4,171,826.50	0.00	359.29	Property Grid
553,949.80	4,171,826.50	0.00	359.29	Property Grid
554,049.80	4,171,826.50	0.00	359.29	Property Grid
554,149.80	4,171,826.50	0.00	359.29	Property Grid
554,249.80	4,171,826.50	0.00	319.10	Property Grid
554,349.80	4,171,826.50	0.00	319.10	Property Grid
554,449.80	4,171,826.50	0.00	319.10	Property Grid
554,549.80	4,171,826.50	0.00	319.10	Property Grid
554,649.80	4,171,826.50	0.00	319.10	Property Grid
554,749.80	4,171,826.50	0.00	319.10	Property Grid
554,849.80	4,171,826.50	0.00	317.26	Property Grid
548,949.80	4,171,926.50	231.25	400.26	Property Grid
549,049.80	4,171,926.50	229.76	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,149.80	4,171,926.50	250.11	400.26	Property Grid
549,249.80	4,171,926.50	272.45	400.26	Property Grid
549,349.80	4,171,926.50	293.58	400.26	Property Grid
549,449.80	4,171,926.50	285.43	400.26	Property Grid
549,549.80	4,171,926.50	255.98	400.26	Property Grid
549,649.80	4,171,926.50	265.73	400.26	Property Grid
549,749.80	4,171,926.50	269.01	400.26	Property Grid
549,849.80	4,171,926.50	254.48	400.26	Property Grid
549,949.80	4,171,926.50	266.33	400.26	Property Grid
550,049.80	4,171,926.50	264.08	400.26	Property Grid
550,149.80	4,171,926.50	244.47	400.26	Property Grid
550,249.80	4,171,926.50	209.08	400.26	Property Grid
550,349.80	4,171,926.50	147.95	400.26	Property Grid
550,449.80	4,171,926.50	106.09	400.26	Property Grid
550,549.80	4,171,926.50	80.59	400.26	Property Grid
550,649.80	4,171,926.50	70.90	400.26	Property Grid
550,749.80	4,171,926.50	61.78	400.26	Property Grid
550,849.80	4,171,926.50	57.09	400.26	Property Grid
550,949.80	4,171,926.50	57.66	400.26	Property Grid
551,049.80	4,171,926.50	50.85	400.26	Property Grid
551,149.80	4,171,926.50	44.66	400.26	Property Grid
551,249.80	4,171,926.50	70.08	400.26	Property Grid
551,349.80	4,171,926.50	72.96	400.26	Property Grid
551,449.80	4,171,926.50	59.79	400.26	Property Grid
551,549.80	4,171,926.50	57.18	400.26	Property Grid
551,649.80	4,171,926.50	48.49	400.26	Property Grid
551,749.80	4,171,926.50	54.29	400.26	Property Grid
551,849.80	4,171,926.50	74.42	400.26	Property Grid
551,949.80	4,171,926.50	99.74	400.26	Property Grid
552,049.80	4,171,926.50	90.18	400.26	Property Grid
552,149.80	4,171,926.50	82.23	400.26	Property Grid
552,249.80	4,171,926.50	53.31	400.26	Property Grid
552,349.80	4,171,926.50	33.19	400.26	Property Grid
552,449.80	4,171,926.50	39.15	400.26	Property Grid
552,549.80	4,171,926.50	36.55	400.26	Property Grid
552,649.80	4,171,926.50	54.64	400.26	Property Grid
552,749.80	4,171,926.50	6.94	400.26	Property Grid
552,849.80	4,171,926.50	22.26	400.26	Property Grid
552,949.80	4,171,926.50	6.94	400.26	Property Grid
553,049.80	4,171,926.50	6.94	400.26	Property Grid
553,149.80	4,171,926.50	7.44	400.26	Property Grid
553,249.80	4,171,926.50	7.68	400.26	Property Grid
553,349.80	4,171,926.50	8.23	400.26	Property Grid
553,449.80	4,171,926.50	7.87	400.26	Property Grid
553,549.80	4,171,926.50	6.79	400.26	Property Grid
553,649.80	4,171,926.50	6.78	399.98	Property Grid
553,749.80	4,171,926.50	0.00	366.05	Property Grid
553,849.80	4,171,926.50	0.00	359.29	Property Grid
553,949.80	4,171,926.50	0.00	359.29	Property Grid
554,049.80	4,171,926.50	0.00	359.29	Property Grid
554,149.80	4,171,926.50	0.00	319.10	Property Grid
554,249.80	4,171,926.50	0.00	319.10	Property Grid
554,349.80	4,171,926.50	0.00	319.10	Property Grid
554,449.80	4,171,926.50	0.00	319.10	Property Grid
554,549.80	4,171,926.50	0.00	319.10	Property Grid
554,649.80	4,171,926.50	0.00	319.10	Property Grid
554,749.80	4,171,926.50	0.00	317.26	Property Grid
554,849.80	4,171,926.50	0.00	317.03	Property Grid
554,949.80	4,171,926.50	0.00	0.00	Property Grid
548,949.80	4,172,026.50	213.26	400.26	Property Grid
549,049.80	4,172,026.50	241.85	400.26	Property Grid
549,149.80	4,172,026.50	262.31	400.26	Property Grid
549,249.80	4,172,026.50	279.15	400.26	Property Grid
549,349.80	4,172,026.50	277.10	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,449.80	4,172,026.50	261.97	400.26	Property Grid
549,549.80	4,172,026.50	242.74	400.26	Property Grid
549,649.80	4,172,026.50	240.95	400.26	Property Grid
549,749.80	4,172,026.50	243.97	400.26	Property Grid
549,849.80	4,172,026.50	232.94	400.26	Property Grid
549,949.80	4,172,026.50	245.33	400.26	Property Grid
550,049.80	4,172,026.50	231.80	400.26	Property Grid
550,149.80	4,172,026.50	232.33	400.26	Property Grid
550,249.80	4,172,026.50	219.08	400.26	Property Grid
550,349.80	4,172,026.50	175.12	400.26	Property Grid
550,449.80	4,172,026.50	134.99	400.26	Property Grid
550,549.80	4,172,026.50	91.97	400.26	Property Grid
550,649.80	4,172,026.50	73.41	400.26	Property Grid
550,749.80	4,172,026.50	80.64	400.26	Property Grid
550,849.80	4,172,026.50	81.32	400.26	Property Grid
550,949.80	4,172,026.50	86.24	400.26	Property Grid
551,049.80	4,172,026.50	64.43	400.26	Property Grid
551,149.80	4,172,026.50	52.10	400.26	Property Grid
551,249.80	4,172,026.50	64.85	400.26	Property Grid
551,349.80	4,172,026.50	86.64	400.26	Property Grid
551,449.80	4,172,026.50	95.39	400.26	Property Grid
551,549.80	4,172,026.50	91.90	400.26	Property Grid
551,649.80	4,172,026.50	67.73	400.26	Property Grid
551,749.80	4,172,026.50	81.47	400.26	Property Grid
551,849.80	4,172,026.50	95.13	400.26	Property Grid
551,949.80	4,172,026.50	120.83	400.26	Property Grid
552,049.80	4,172,026.50	96.21	400.26	Property Grid
552,149.80	4,172,026.50	80.47	400.26	Property Grid
552,249.80	4,172,026.50	42.95	400.26	Property Grid
552,349.80	4,172,026.50	27.42	400.26	Property Grid
552,449.80	4,172,026.50	26.57	400.26	Property Grid
552,549.80	4,172,026.50	20.59	400.26	Property Grid
552,649.80	4,172,026.50	26.35	400.26	Property Grid
552,749.80	4,172,026.50	7.03	400.26	Property Grid
552,849.80	4,172,026.50	6.97	400.26	Property Grid
552,949.80	4,172,026.50	8.07	400.26	Property Grid
553,049.80	4,172,026.50	7.84	400.26	Property Grid
553,149.80	4,172,026.50	7.63	400.26	Property Grid
553,249.80	4,172,026.50	8.29	400.26	Property Grid
553,349.80	4,172,026.50	8.36	400.26	Property Grid
553,449.80	4,172,026.50	8.16	400.26	Property Grid
553,549.80	4,172,026.50	7.91	400.26	Property Grid
553,649.80	4,172,026.50	6.04	399.98	Property Grid
553,749.80	4,172,026.50	0.00	366.05	Property Grid
553,849.80	4,172,026.50	0.00	359.29	Property Grid
553,949.80	4,172,026.50	0.00	359.29	Property Grid
554,049.80	4,172,026.50	0.00	359.29	Property Grid
554,149.80	4,172,026.50	0.00	319.10	Property Grid
554,249.80	4,172,026.50	0.00	319.10	Property Grid
554,349.80	4,172,026.50	0.00	319.10	Property Grid
554,449.80	4,172,026.50	0.00	319.10	Property Grid
554,549.80	4,172,026.50	0.00	319.10	Property Grid
554,649.80	4,172,026.50	0.00	319.10	Property Grid
554,749.80	4,172,026.50	0.00	317.26	Property Grid
554,849.80	4,172,026.50	0.00	0.00	Property Grid
554,949.80	4,172,026.50	0.00	0.00	Property Grid
548,849.80	4,172,126.50	205.79	400.26	Property Grid
548,949.80	4,172,126.50	214.35	400.26	Property Grid
549,049.80	4,172,126.50	237.21	400.26	Property Grid
549,149.80	4,172,126.50	252.16	400.26	Property Grid
549,249.80	4,172,126.50	257.02	400.26	Property Grid
549,349.80	4,172,126.50	250.73	400.26	Property Grid
549,449.80	4,172,126.50	238.10	400.26	Property Grid
549,549.80	4,172,126.50	223.96	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,649.80	4,172,126.50	225.75	400.26	Property Grid
549,749.80	4,172,126.50	226.51	400.26	Property Grid
549,849.80	4,172,126.50	225.47	400.26	Property Grid
549,949.80	4,172,126.50	225.36	400.26	Property Grid
550,049.80	4,172,126.50	216.57	400.26	Property Grid
550,149.80	4,172,126.50	210.93	400.26	Property Grid
550,249.80	4,172,126.50	211.76	400.26	Property Grid
550,349.80	4,172,126.50	178.59	400.26	Property Grid
550,449.80	4,172,126.50	144.96	400.26	Property Grid
550,549.80	4,172,126.50	94.23	400.26	Property Grid
550,649.80	4,172,126.50	110.29	400.26	Property Grid
550,749.80	4,172,126.50	122.16	400.26	Property Grid
550,849.80	4,172,126.50	119.28	400.26	Property Grid
550,949.80	4,172,126.50	100.38	400.26	Property Grid
551,049.80	4,172,126.50	72.49	400.26	Property Grid
551,149.80	4,172,126.50	61.87	400.26	Property Grid
551,249.80	4,172,126.50	68.62	400.26	Property Grid
551,349.80	4,172,126.50	98.05	400.26	Property Grid
551,449.80	4,172,126.50	117.53	400.26	Property Grid
551,549.80	4,172,126.50	121.00	400.26	Property Grid
551,649.80	4,172,126.50	100.29	400.26	Property Grid
551,749.80	4,172,126.50	101.59	400.26	Property Grid
551,849.80	4,172,126.50	132.99	400.26	Property Grid
551,949.80	4,172,126.50	118.88	400.26	Property Grid
552,049.80	4,172,126.50	76.83	400.26	Property Grid
552,149.80	4,172,126.50	50.47	400.26	Property Grid
552,249.80	4,172,126.50	36.30	400.26	Property Grid
552,349.80	4,172,126.50	21.46	400.26	Property Grid
552,449.80	4,172,126.50	8.90	400.26	Property Grid
552,549.80	4,172,126.50	6.94	400.26	Property Grid
552,649.80	4,172,126.50	7.14	400.26	Property Grid
552,749.80	4,172,126.50	6.94	400.26	Property Grid
552,849.80	4,172,126.50	6.94	400.26	Property Grid
552,949.80	4,172,126.50	7.97	400.26	Property Grid
553,049.80	4,172,126.50	7.86	400.26	Property Grid
553,149.80	4,172,126.50	7.66	400.26	Property Grid
553,249.80	4,172,126.50	8.29	400.26	Property Grid
553,349.80	4,172,126.50	8.36	400.26	Property Grid
553,449.80	4,172,126.50	8.16	400.26	Property Grid
553,549.80	4,172,126.50	8.16	400.26	Property Grid
553,649.80	4,172,126.50	6.52	366.05	Property Grid
553,749.80	4,172,126.50	0.00	359.29	Property Grid
553,849.80	4,172,126.50	0.00	359.29	Property Grid
553,949.80	4,172,126.50	0.00	359.29	Property Grid
554,049.80	4,172,126.50	0.00	319.10	Property Grid
554,149.80	4,172,126.50	0.00	319.10	Property Grid
554,249.80	4,172,126.50	0.00	319.10	Property Grid
554,349.80	4,172,126.50	0.00	319.10	Property Grid
554,449.80	4,172,126.50	0.00	319.10	Property Grid
554,549.80	4,172,126.50	0.00	319.10	Property Grid
554,649.80	4,172,126.50	0.00	317.26	Property Grid
554,749.80	4,172,126.50	0.00	0.00	Property Grid
554,849.80	4,172,126.50	0.00	0.00	Property Grid
554,949.80	4,172,126.50	0.00	0.00	Property Grid
548,849.80	4,172,226.50	214.18	400.26	Property Grid
548,949.80	4,172,226.50	191.93	400.26	Property Grid
549,049.80	4,172,226.50	220.10	400.26	Property Grid
549,149.80	4,172,226.50	238.43	400.26	Property Grid
549,249.80	4,172,226.50	230.90	400.26	Property Grid
549,349.80	4,172,226.50	226.62	400.26	Property Grid
549,449.80	4,172,226.50	214.45	400.26	Property Grid
549,549.80	4,172,226.50	203.96	400.26	Property Grid
549,649.80	4,172,226.50	209.71	400.26	Property Grid
549,749.80	4,172,226.50	215.79	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,849.80	4,172,226.50	218.21	400.26	Property Grid
549,949.80	4,172,226.50	216.15	400.26	Property Grid
550,049.80	4,172,226.50	204.41	400.26	Property Grid
550,149.80	4,172,226.50	195.03	400.26	Property Grid
550,249.80	4,172,226.50	194.46	400.26	Property Grid
550,349.80	4,172,226.50	161.69	400.26	Property Grid
550,449.80	4,172,226.50	141.07	400.26	Property Grid
550,549.80	4,172,226.50	157.20	400.26	Property Grid
550,649.80	4,172,226.50	160.09	400.26	Property Grid
550,749.80	4,172,226.50	158.02	400.26	Property Grid
550,849.80	4,172,226.50	144.88	400.26	Property Grid
550,949.80	4,172,226.50	103.05	400.26	Property Grid
551,049.80	4,172,226.50	79.26	400.26	Property Grid
551,149.80	4,172,226.50	68.49	400.26	Property Grid
551,249.80	4,172,226.50	77.69	400.26	Property Grid
551,349.80	4,172,226.50	91.85	400.26	Property Grid
551,449.80	4,172,226.50	130.22	400.26	Property Grid
551,549.80	4,172,226.50	144.85	400.26	Property Grid
551,649.80	4,172,226.50	122.79	400.26	Property Grid
551,749.80	4,172,226.50	123.58	400.26	Property Grid
551,849.80	4,172,226.50	135.79	400.26	Property Grid
551,949.80	4,172,226.50	114.39	400.26	Property Grid
552,049.80	4,172,226.50	80.13	400.26	Property Grid
552,149.80	4,172,226.50	69.58	400.26	Property Grid
552,249.80	4,172,226.50	57.30	400.26	Property Grid
552,349.80	4,172,226.50	23.74	400.26	Property Grid
552,449.80	4,172,226.50	6.94	400.26	Property Grid
552,549.80	4,172,226.50	6.94	400.26	Property Grid
552,649.80	4,172,226.50	6.94	400.26	Property Grid
552,749.80	4,172,226.50	6.94	400.26	Property Grid
552,849.80	4,172,226.50	7.02	400.26	Property Grid
552,949.80	4,172,226.50	8.15	400.26	Property Grid
553,049.80	4,172,226.50	8.16	400.26	Property Grid
553,149.80	4,172,226.50	7.63	400.26	Property Grid
553,249.80	4,172,226.50	7.31	400.26	Property Grid
553,349.80	4,172,226.50	8.37	400.26	Property Grid
553,449.80	4,172,226.50	8.16	400.26	Property Grid
553,549.80	4,172,226.50	8.16	400.26	Property Grid
553,649.80	4,172,226.50	7.87	359.29	Property Grid
553,749.80	4,172,226.50	0.00	359.29	Property Grid
553,849.80	4,172,226.50	0.00	359.29	Property Grid
553,949.80	4,172,226.50	0.00	319.10	Property Grid
554,049.80	4,172,226.50	0.00	319.10	Property Grid
554,149.80	4,172,226.50	0.00	319.10	Property Grid
554,249.80	4,172,226.50	0.00	319.10	Property Grid
554,349.80	4,172,226.50	0.00	319.10	Property Grid
554,449.80	4,172,226.50	0.00	319.10	Property Grid
554,549.80	4,172,226.50	0.00	317.03	Property Grid
554,649.80	4,172,226.50	0.00	0.00	Property Grid
554,749.80	4,172,226.50	0.00	0.00	Property Grid
554,849.80	4,172,226.50	0.00	0.00	Property Grid
554,949.80	4,172,226.50	0.00	0.00	Property Grid
555,049.80	4,172,226.50	0.00	0.00	Property Grid
548,849.80	4,172,326.50	224.57	400.26	Property Grid
548,949.80	4,172,326.50	185.69	400.26	Property Grid
549,049.80	4,172,326.50	205.75	400.26	Property Grid
549,149.80	4,172,326.50	217.81	400.26	Property Grid
549,249.80	4,172,326.50	201.18	400.26	Property Grid
549,349.80	4,172,326.50	202.02	400.26	Property Grid
549,449.80	4,172,326.50	187.58	400.26	Property Grid
549,549.80	4,172,326.50	195.17	400.26	Property Grid
549,649.80	4,172,326.50	199.73	400.26	Property Grid
549,749.80	4,172,326.50	205.87	400.26	Property Grid
549,849.80	4,172,326.50	210.74	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,949.80	4,172,326.50	209.25	400.26	Property Grid
550,049.80	4,172,326.50	198.57	400.26	Property Grid
550,149.80	4,172,326.50	185.86	400.26	Property Grid
550,249.80	4,172,326.50	175.60	400.26	Property Grid
550,349.80	4,172,326.50	146.93	400.26	Property Grid
550,449.80	4,172,326.50	169.61	400.26	Property Grid
550,549.80	4,172,326.50	180.99	400.26	Property Grid
550,649.80	4,172,326.50	188.74	400.26	Property Grid
550,749.80	4,172,326.50	174.45	400.26	Property Grid
550,849.80	4,172,326.50	137.89	400.26	Property Grid
550,949.80	4,172,326.50	117.65	400.26	Property Grid
551,049.80	4,172,326.50	86.23	400.26	Property Grid
551,149.80	4,172,326.50	86.28	400.26	Property Grid
551,249.80	4,172,326.50	99.19	400.26	Property Grid
551,349.80	4,172,326.50	96.73	400.26	Property Grid
551,449.80	4,172,326.50	127.69	400.26	Property Grid
551,549.80	4,172,326.50	144.49	400.26	Property Grid
551,649.80	4,172,326.50	126.64	400.26	Property Grid
551,749.80	4,172,326.50	132.61	400.26	Property Grid
551,849.80	4,172,326.50	125.13	400.26	Property Grid
551,949.80	4,172,326.50	110.77	400.26	Property Grid
552,049.80	4,172,326.50	88.17	400.26	Property Grid
552,149.80	4,172,326.50	62.40	400.26	Property Grid
552,249.80	4,172,326.50	44.05	400.26	Property Grid
552,349.80	4,172,326.50	9.45	400.26	Property Grid
552,449.80	4,172,326.50	6.94	400.26	Property Grid
552,549.80	4,172,326.50	6.94	400.26	Property Grid
552,649.80	4,172,326.50	6.94	400.26	Property Grid
552,749.80	4,172,326.50	7.63	400.26	Property Grid
552,849.80	4,172,326.50	8.47	400.26	Property Grid
552,949.80	4,172,326.50	8.47	400.26	Property Grid
553,049.80	4,172,326.50	8.47	400.26	Property Grid
553,149.80	4,172,326.50	8.46	400.26	Property Grid
553,249.80	4,172,326.50	7.57	400.26	Property Grid
553,349.80	4,172,326.50	7.02	400.26	Property Grid
553,449.80	4,172,326.50	8.16	400.26	Property Grid
553,549.80	4,172,326.50	8.16	399.98	Property Grid
553,649.80	4,172,326.50	1.19	359.29	Property Grid
553,749.80	4,172,326.50	0.00	359.29	Property Grid
553,849.80	4,172,326.50	0.00	359.29	Property Grid
553,949.80	4,172,326.50	0.00	319.10	Property Grid
554,049.80	4,172,326.50	0.00	319.10	Property Grid
554,149.80	4,172,326.50	0.00	319.10	Property Grid
554,249.80	4,172,326.50	0.00	319.10	Property Grid
554,349.80	4,172,326.50	0.00	319.10	Property Grid
554,449.80	4,172,326.50	0.00	0.00	Property Grid
554,549.80	4,172,326.50	0.00	0.00	Property Grid
554,649.80	4,172,326.50	0.00	0.00	Property Grid
554,749.80	4,172,326.50	0.00	0.00	Property Grid
554,849.80	4,172,326.50	0.00	0.00	Property Grid
554,949.80	4,172,326.50	0.00	0.00	Property Grid
555,049.80	4,172,326.50	0.00	0.00	Property Grid
548,749.80	4,172,426.50	219.61	400.26	Property Grid
548,849.80	4,172,426.50	216.35	400.26	Property Grid
548,949.80	4,172,426.50	190.17	400.26	Property Grid
549,049.80	4,172,426.50	170.65	400.26	Property Grid
549,149.80	4,172,426.50	186.68	400.26	Property Grid
549,249.80	4,172,426.50	176.54	400.26	Property Grid
549,349.80	4,172,426.50	170.11	400.26	Property Grid
549,449.80	4,172,426.50	179.41	400.26	Property Grid
549,549.80	4,172,426.50	188.87	400.26	Property Grid
549,649.80	4,172,426.50	190.11	400.26	Property Grid
549,749.80	4,172,426.50	198.12	400.26	Property Grid
549,849.80	4,172,426.50	208.68	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,949.80	4,172,426.50	211.30	400.26	Property Grid
550,049.80	4,172,426.50	207.32	400.26	Property Grid
550,149.80	4,172,426.50	204.74	400.26	Property Grid
550,249.80	4,172,426.50	177.05	400.26	Property Grid
550,349.80	4,172,426.50	173.65	400.26	Property Grid
550,449.80	4,172,426.50	192.31	400.26	Property Grid
550,549.80	4,172,426.50	200.25	400.26	Property Grid
550,649.80	4,172,426.50	206.92	400.26	Property Grid
550,749.80	4,172,426.50	181.29	400.26	Property Grid
550,849.80	4,172,426.50	167.70	400.26	Property Grid
550,949.80	4,172,426.50	138.64	400.26	Property Grid
551,049.80	4,172,426.50	97.59	400.26	Property Grid
551,149.80	4,172,426.50	99.20	400.26	Property Grid
551,249.80	4,172,426.50	120.13	400.26	Property Grid
551,349.80	4,172,426.50	125.34	400.26	Property Grid
551,449.80	4,172,426.50	135.28	400.26	Property Grid
551,549.80	4,172,426.50	117.27	400.26	Property Grid
552,449.80	4,172,426.50	6.94	400.26	Property Grid
552,549.80	4,172,426.50	6.94	400.26	Property Grid
552,649.80	4,172,426.50	6.94	400.26	Property Grid
552,749.80	4,172,426.50	7.54	400.26	Property Grid
552,849.80	4,172,426.50	8.47	400.26	Property Grid
552,949.80	4,172,426.50	8.47	400.26	Property Grid
553,049.80	4,172,426.50	8.47	400.26	Property Grid
553,149.80	4,172,426.50	8.47	400.26	Property Grid
553,249.80	4,172,426.50	8.47	400.26	Property Grid
553,349.80	4,172,426.50	7.30	400.26	Property Grid
553,449.80	4,172,426.50	6.80	400.26	Property Grid
553,549.80	4,172,426.50	8.11	359.29	Property Grid
553,649.80	4,172,426.50	0.00	359.29	Property Grid
553,749.80	4,172,426.50	0.00	359.29	Property Grid
553,849.80	4,172,426.50	0.00	319.10	Property Grid
553,949.80	4,172,426.50	0.00	319.10	Property Grid
554,049.80	4,172,426.50	0.00	319.10	Property Grid
554,149.80	4,172,426.50	0.00	319.10	Property Grid
554,249.80	4,172,426.50	0.00	317.26	Property Grid
554,349.80	4,172,426.50	0.00	0.00	Property Grid
554,449.80	4,172,426.50	0.00	0.00	Property Grid
554,549.80	4,172,426.50	0.00	0.00	Property Grid
554,649.80	4,172,426.50	0.00	0.00	Property Grid
554,749.80	4,172,426.50	0.00	0.00	Property Grid
554,849.80	4,172,426.50	0.00	0.00	Property Grid
554,949.80	4,172,426.50	0.00	0.00	Property Grid
555,049.80	4,172,426.50	0.00	0.00	Property Grid
548,749.80	4,172,526.50	217.52	400.26	Property Grid
548,849.80	4,172,526.50	208.90	400.26	Property Grid
548,949.80	4,172,526.50	190.60	400.26	Property Grid
549,049.80	4,172,526.50	162.72	400.26	Property Grid
549,149.80	4,172,526.50	159.11	400.26	Property Grid
549,249.80	4,172,526.50	163.93	400.26	Property Grid
549,349.80	4,172,526.50	180.20	400.26	Property Grid
549,449.80	4,172,526.50	183.22	400.26	Property Grid
549,549.80	4,172,526.50	182.50	400.26	Property Grid
549,649.80	4,172,526.50	194.22	400.26	Property Grid
549,749.80	4,172,526.50	205.91	400.26	Property Grid
549,849.80	4,172,526.50	214.15	400.26	Property Grid
549,949.80	4,172,526.50	219.99	400.26	Property Grid
550,049.80	4,172,526.50	219.40	400.26	Property Grid
550,149.80	4,172,526.50	209.72	400.26	Property Grid
550,249.80	4,172,526.50	196.44	400.26	Property Grid
550,349.80	4,172,526.50	187.39	400.26	Property Grid
550,449.80	4,172,526.50	208.27	400.26	Property Grid
550,549.80	4,172,526.50	213.81	400.26	Property Grid
550,649.80	4,172,526.50	218.61	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,749.80	4,172,526.50	197.29	400.26	Property Grid
550,849.80	4,172,526.50	164.45	400.26	Property Grid
550,949.80	4,172,526.50	130.59	400.26	Property Grid
551,049.80	4,172,526.50	108.50	400.26	Property Grid
551,149.80	4,172,526.50	120.89	400.26	Property Grid
551,249.80	4,172,526.50	134.21	400.26	Property Grid
551,349.80	4,172,526.50	117.58	400.26	Property Grid
551,449.80	4,172,526.50	108.85	400.26	Property Grid
552,549.80	4,172,526.50	6.94	400.26	Property Grid
552,649.80	4,172,526.50	6.94	400.26	Property Grid
552,749.80	4,172,526.50	7.29	400.26	Property Grid
552,849.80	4,172,526.50	8.24	400.26	Property Grid
552,949.80	4,172,526.50	8.47	400.26	Property Grid
553,049.80	4,172,526.50	8.47	400.26	Property Grid
553,149.80	4,172,526.50	8.47	400.26	Property Grid
553,249.80	4,172,526.50	8.47	400.26	Property Grid
553,349.80	4,172,526.50	8.47	400.26	Property Grid
553,449.80	4,172,526.50	6.76	400.26	Property Grid
553,549.80	4,172,526.50	6.20	359.29	Property Grid
553,649.80	4,172,526.50	0.00	359.29	Property Grid
553,749.80	4,172,526.50	0.00	319.10	Property Grid
553,849.80	4,172,526.50	0.00	319.10	Property Grid
553,949.80	4,172,526.50	0.00	319.10	Property Grid
554,049.80	4,172,526.50	0.00	319.10	Property Grid
554,149.80	4,172,526.50	0.00	317.03	Property Grid
554,249.80	4,172,526.50	0.00	0.00	Property Grid
554,349.80	4,172,526.50	0.00	0.00	Property Grid
554,449.80	4,172,526.50	0.00	0.00	Property Grid
554,549.80	4,172,526.50	0.00	0.00	Property Grid
554,649.80	4,172,526.50	0.00	0.00	Property Grid
554,749.80	4,172,526.50	0.00	0.00	Property Grid
554,849.80	4,172,526.50	0.00	0.00	Property Grid
554,949.80	4,172,526.50	0.00	0.00	Property Grid
555,049.80	4,172,526.50	0.00	0.00	Property Grid
555,149.80	4,172,526.50	0.00	0.00	Property Grid
548,749.80	4,172,626.50	201.73	400.26	Property Grid
548,849.80	4,172,626.50	183.74	400.26	Property Grid
548,949.80	4,172,626.50	156.02	400.26	Property Grid
549,049.80	4,172,626.50	150.33	400.26	Property Grid
549,149.80	4,172,626.50	167.97	400.26	Property Grid
549,249.80	4,172,626.50	183.79	400.26	Property Grid
549,349.80	4,172,626.50	198.42	400.26	Property Grid
549,449.80	4,172,626.50	198.01	400.26	Property Grid
549,549.80	4,172,626.50	195.23	400.26	Property Grid
549,649.80	4,172,626.50	193.49	400.26	Property Grid
549,749.80	4,172,626.50	213.57	400.26	Property Grid
549,849.80	4,172,626.50	220.70	400.26	Property Grid
549,949.80	4,172,626.50	229.01	400.26	Property Grid
550,049.80	4,172,626.50	229.82	400.26	Property Grid
550,149.80	4,172,626.50	219.35	400.26	Property Grid
550,249.80	4,172,626.50	203.00	400.26	Property Grid
550,349.80	4,172,626.50	201.34	400.26	Property Grid
550,449.80	4,172,626.50	217.93	400.26	Property Grid
550,549.80	4,172,626.50	230.89	400.26	Property Grid
550,649.80	4,172,626.50	222.27	400.26	Property Grid
550,749.80	4,172,626.50	192.53	400.26	Property Grid
550,849.80	4,172,626.50	157.62	400.26	Property Grid
550,949.80	4,172,626.50	136.27	400.26	Property Grid
551,049.80	4,172,626.50	127.00	400.26	Property Grid
551,149.80	4,172,626.50	129.22	400.26	Property Grid
551,249.80	4,172,626.50	111.14	400.26	Property Grid
551,349.80	4,172,626.50	88.54	400.26	Property Grid
552,649.80	4,172,626.50	6.94	400.26	Property Grid
552,749.80	4,172,626.50	7.66	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,849.80	4,172,626.50	8.22	400.26	Property Grid
552,949.80	4,172,626.50	8.47	400.26	Property Grid
553,049.80	4,172,626.50	8.47	400.26	Property Grid
553,149.80	4,172,626.50	8.47	400.26	Property Grid
553,249.80	4,172,626.50	8.47	400.26	Property Grid
553,349.80	4,172,626.50	8.26	400.26	Property Grid
553,449.80	4,172,626.50	8.20	400.26	Property Grid
553,549.80	4,172,626.50	6.56	319.10	Property Grid
553,649.80	4,172,626.50	0.00	319.10	Property Grid
553,749.80	4,172,626.50	0.00	319.10	Property Grid
553,849.80	4,172,626.50	0.00	319.10	Property Grid
553,949.80	4,172,626.50	0.00	317.26	Property Grid
554,049.80	4,172,626.50	0.00	0.00	Property Grid
554,149.80	4,172,626.50	0.00	0.00	Property Grid
554,249.80	4,172,626.50	0.00	0.00	Property Grid
554,349.80	4,172,626.50	0.00	0.00	Property Grid
554,449.80	4,172,626.50	0.00	0.00	Property Grid
554,549.80	4,172,626.50	0.00	0.00	Property Grid
554,649.80	4,172,626.50	0.00	0.00	Property Grid
554,749.80	4,172,626.50	0.00	0.00	Property Grid
554,849.80	4,172,626.50	0.00	0.00	Property Grid
554,949.80	4,172,626.50	0.00	0.00	Property Grid
555,049.80	4,172,626.50	0.00	0.00	Property Grid
555,149.80	4,172,626.50	0.00	0.00	Property Grid
548,749.80	4,172,726.50	163.00	400.26	Property Grid
548,849.80	4,172,726.50	147.32	400.26	Property Grid
548,949.80	4,172,726.50	153.34	400.26	Property Grid
549,049.80	4,172,726.50	164.74	400.26	Property Grid
549,149.80	4,172,726.50	186.13	400.26	Property Grid
549,249.80	4,172,726.50	201.47	400.26	Property Grid
549,349.80	4,172,726.50	210.72	400.26	Property Grid
549,449.80	4,172,726.50	214.29	400.26	Property Grid
549,549.80	4,172,726.50	212.22	400.26	Property Grid
549,649.80	4,172,726.50	201.78	400.26	Property Grid
549,749.80	4,172,726.50	212.11	400.26	Property Grid
549,849.80	4,172,726.50	228.20	400.26	Property Grid
549,949.80	4,172,726.50	237.74	400.26	Property Grid
550,049.80	4,172,726.50	241.01	400.26	Property Grid
550,149.80	4,172,726.50	234.23	400.26	Property Grid
550,249.80	4,172,726.50	223.24	400.26	Property Grid
550,349.80	4,172,726.50	220.27	400.26	Property Grid
550,449.80	4,172,726.50	232.99	400.26	Property Grid
550,549.80	4,172,726.50	223.12	400.26	Property Grid
550,649.80	4,172,726.50	186.31	400.26	Property Grid
550,749.80	4,172,726.50	174.46	400.26	Property Grid
550,849.80	4,172,726.50	125.64	400.26	Property Grid
550,949.80	4,172,726.50	105.46	400.26	Property Grid
551,049.80	4,172,726.50	99.45	400.26	Property Grid
551,149.80	4,172,726.50	93.95	400.26	Property Grid
551,249.80	4,172,726.50	84.84	400.26	Property Grid
552,649.80	4,172,726.50	7.44	400.26	Property Grid
552,749.80	4,172,726.50	8.47	400.26	Property Grid
552,849.80	4,172,726.50	8.28	400.26	Property Grid
552,949.80	4,172,726.50	8.47	400.26	Property Grid
553,049.80	4,172,726.50	8.47	400.26	Property Grid
553,149.80	4,172,726.50	8.47	400.26	Property Grid
553,249.80	4,172,726.50	8.47	400.26	Property Grid
553,349.80	4,172,726.50	8.18	400.26	Property Grid
553,449.80	4,172,726.50	8.16	319.10	Property Grid
553,549.80	4,172,726.50	8.07	319.10	Property Grid
553,649.80	4,172,726.50	0.00	319.10	Property Grid
553,749.80	4,172,726.50	0.00	319.10	Property Grid
553,849.80	4,172,726.50	0.00	0.00	Property Grid
553,949.80	4,172,726.50	0.00	0.00	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,049.80	4,172,726.50	0.00	0.00	Property Grid
554,149.80	4,172,726.50	0.00	0.00	Property Grid
554,249.80	4,172,726.50	0.00	0.00	Property Grid
554,349.80	4,172,726.50	0.00	0.00	Property Grid
554,449.80	4,172,726.50	0.00	0.00	Property Grid
554,549.80	4,172,726.50	0.00	0.00	Property Grid
554,649.80	4,172,726.50	0.00	0.00	Property Grid
554,749.80	4,172,726.50	0.00	0.00	Property Grid
554,849.80	4,172,726.50	0.00	0.00	Property Grid
554,949.80	4,172,726.50	0.00	0.00	Property Grid
555,049.80	4,172,726.50	0.00	0.00	Property Grid
555,149.80	4,172,726.50	0.00	0.00	Property Grid
548,749.80	4,172,826.50	140.47	400.26	Property Grid
548,849.80	4,172,826.50	162.90	400.26	Property Grid
548,949.80	4,172,826.50	173.60	400.26	Property Grid
549,049.80	4,172,826.50	187.30	400.26	Property Grid
549,149.80	4,172,826.50	198.60	400.26	Property Grid
549,249.80	4,172,826.50	211.29	400.26	Property Grid
549,349.80	4,172,826.50	218.93	400.26	Property Grid
549,449.80	4,172,826.50	222.33	400.26	Property Grid
549,549.80	4,172,826.50	221.92	400.26	Property Grid
549,649.80	4,172,826.50	215.15	400.26	Property Grid
549,749.80	4,172,826.50	207.83	400.26	Property Grid
549,849.80	4,172,826.50	223.61	400.26	Property Grid
549,949.80	4,172,826.50	235.65	400.26	Property Grid
550,049.80	4,172,826.50	243.72	400.26	Property Grid
550,149.80	4,172,826.50	253.51	261.36	Property Grid
550,249.80	4,172,826.50	249.52	261.36	Property Grid
550,349.80	4,172,826.50	234.65	400.26	Property Grid
550,449.80	4,172,826.50	224.71	400.26	Property Grid
550,549.80	4,172,826.50	199.59	400.26	Property Grid
550,649.80	4,172,826.50	169.39	400.26	Property Grid
550,749.80	4,172,826.50	102.40	400.26	Property Grid
550,849.80	4,172,826.50	113.93	400.26	Property Grid
550,949.80	4,172,826.50	78.70	400.26	Property Grid
551,049.80	4,172,826.50	75.70	400.26	Property Grid
551,149.80	4,172,826.50	65.38	400.26	Property Grid
551,249.80	4,172,826.50	56.77	400.26	Property Grid
552,649.80	4,172,826.50	6.97	400.26	Property Grid
552,749.80	4,172,826.50	7.75	400.26	Property Grid
552,849.80	4,172,826.50	8.47	400.26	Property Grid
552,949.80	4,172,826.50	8.47	400.26	Property Grid
553,049.80	4,172,826.50	8.47	400.26	Property Grid
553,149.80	4,172,826.50	8.35	400.26	Property Grid
553,249.80	4,172,826.50	8.47	400.26	Property Grid
553,349.80	4,172,826.50	8.43	400.26	Property Grid
553,449.80	4,172,826.50	7.95	7.95	Property Grid
553,549.80	4,172,826.50	1.91	8.75	Property Grid
553,649.80	4,172,826.50	0.00	0.00	Property Grid
553,749.80	4,172,826.50	0.00	0.00	Property Grid
553,849.80	4,172,826.50	0.00	0.00	Property Grid
553,949.80	4,172,826.50	0.00	0.00	Property Grid
554,049.80	4,172,826.50	0.00	0.00	Property Grid
554,149.80	4,172,826.50	0.00	0.00	Property Grid
554,249.80	4,172,826.50	0.00	0.00	Property Grid
554,349.80	4,172,826.50	0.00	0.00	Property Grid
554,449.80	4,172,826.50	0.00	0.00	Property Grid
554,549.80	4,172,826.50	0.00	0.00	Property Grid
554,649.80	4,172,826.50	0.00	0.00	Property Grid
554,749.80	4,172,826.50	0.00	0.00	Property Grid
554,849.80	4,172,826.50	0.00	0.00	Property Grid
554,949.80	4,172,826.50	0.00	0.00	Property Grid
555,049.80	4,172,826.50	0.00	0.00	Property Grid
555,149.80	4,172,826.50	0.00	0.00	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
548,749.80	4,172,926.50	172.07	400.26	Property Grid
548,849.80	4,172,926.50	188.34	400.26	Property Grid
548,949.80	4,172,926.50	188.53	400.26	Property Grid
549,049.80	4,172,926.50	194.19	400.26	Property Grid
549,149.80	4,172,926.50	201.41	400.26	Property Grid
549,249.80	4,172,926.50	214.01	400.26	Property Grid
549,349.80	4,172,926.50	226.27	400.26	Property Grid
549,449.80	4,172,926.50	235.20	400.26	Property Grid
549,549.80	4,172,926.50	230.21	400.26	Property Grid
549,649.80	4,172,926.50	224.14	400.26	Property Grid
549,749.80	4,172,926.50	222.66	400.26	Property Grid
549,849.80	4,172,926.50	228.34	400.26	Property Grid
549,949.80	4,172,926.50	234.94	400.26	Property Grid
550,049.80	4,172,926.50	240.37	261.36	Property Grid
550,149.80	4,172,926.50	254.10	258.97	Property Grid
550,249.80	4,172,926.50	247.48	261.36	Property Grid
550,349.80	4,172,926.50	228.12	400.26	Property Grid
550,449.80	4,172,926.50	201.25	400.26	Property Grid
550,549.80	4,172,926.50	166.71	400.26	Property Grid
550,649.80	4,172,926.50	126.41	400.26	Property Grid
550,749.80	4,172,926.50	102.59	400.26	Property Grid
550,849.80	4,172,926.50	74.48	400.26	Property Grid
550,949.80	4,172,926.50	69.67	400.26	Property Grid
551,049.80	4,172,926.50	70.54	400.26	Property Grid
551,149.80	4,172,926.50	51.86	400.26	Property Grid
552,749.80	4,172,926.50	6.96	400.26	Property Grid
552,849.80	4,172,926.50	8.26	400.26	Property Grid
552,949.80	4,172,926.50	8.47	400.26	Property Grid
553,049.80	4,172,926.50	8.47	400.26	Property Grid
553,149.80	4,172,926.50	8.47	400.26	Property Grid
553,249.80	4,172,926.50	7.86	400.26	Property Grid
553,349.80	4,172,926.50	8.23	8.23	Property Grid
553,449.80	4,172,926.50	7.60	7.60	Property Grid
553,549.80	4,172,926.50	0.00	7.55	Property Grid
553,649.80	4,172,926.50	0.00	0.00	Property Grid
553,749.80	4,172,926.50	0.00	0.00	Property Grid
553,849.80	4,172,926.50	0.00	0.00	Property Grid
553,949.80	4,172,926.50	0.00	0.00	Property Grid
554,049.80	4,172,926.50	0.00	0.00	Property Grid
554,149.80	4,172,926.50	0.00	0.00	Property Grid
554,249.80	4,172,926.50	0.00	0.00	Property Grid
554,349.80	4,172,926.50	0.00	0.00	Property Grid
554,449.80	4,172,926.50	0.00	0.00	Property Grid
554,549.80	4,172,926.50	0.00	0.00	Property Grid
554,649.80	4,172,926.50	0.00	0.00	Property Grid
554,749.80	4,172,926.50	0.00	0.00	Property Grid
554,849.80	4,172,926.50	0.00	0.00	Property Grid
554,949.80	4,172,926.50	0.00	0.00	Property Grid
555,049.80	4,172,926.50	0.00	0.00	Property Grid
555,149.80	4,172,926.50	0.00	0.00	Property Grid
548,749.80	4,173,026.50	195.87	400.26	Property Grid
548,849.80	4,173,026.50	200.84	400.26	Property Grid
548,949.80	4,173,026.50	196.49	400.26	Property Grid
549,049.80	4,173,026.50	198.44	400.26	Property Grid
549,149.80	4,173,026.50	202.43	400.26	Property Grid
549,249.80	4,173,026.50	218.15	400.26	Property Grid
549,349.80	4,173,026.50	232.46	245.35	Property Grid
549,449.80	4,173,026.50	243.95	243.95	Property Grid
549,549.80	4,173,026.50	234.82	234.82	Property Grid
549,649.80	4,173,026.50	229.23	229.23	Property Grid
549,749.80	4,173,026.50	232.13	237.03	Property Grid
549,849.80	4,173,026.50	234.20	234.20	Property Grid
549,949.80	4,173,026.50	237.72	237.72	Property Grid
550,049.80	4,173,026.50	239.70	260.29	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,149.80	4,173,026.50	248.86	254.41	Property Grid
550,249.80	4,173,026.50	245.48	253.07	Property Grid
550,349.80	4,173,026.50	213.55	400.26	Property Grid
550,449.80	4,173,026.50	178.87	400.26	Property Grid
550,549.80	4,173,026.50	148.68	400.26	Property Grid
550,649.80	4,173,026.50	112.12	400.26	Property Grid
550,749.80	4,173,026.50	91.71	400.26	Property Grid
550,849.80	4,173,026.50	69.18	400.26	Property Grid
550,949.80	4,173,026.50	58.84	400.26	Property Grid
551,049.80	4,173,026.50	43.94	400.26	Property Grid
551,149.80	4,173,026.50	30.77	400.26	Property Grid
552,749.80	4,173,026.50	6.94	400.26	Property Grid
552,849.80	4,173,026.50	7.74	400.26	Property Grid
552,949.80	4,173,026.50	8.47	400.26	Property Grid
553,049.80	4,173,026.50	8.30	400.26	Property Grid
553,149.80	4,173,026.50	7.98	400.26	Property Grid
553,249.80	4,173,026.50	8.16	400.26	Property Grid
553,349.80	4,173,026.50	7.30	7.30	Property Grid
553,449.80	4,173,026.50	7.27	7.27	Property Grid
553,549.80	4,173,026.50	0.00	128.50	Property Grid
553,649.80	4,173,026.50	0.00	128.50	Property Grid
553,749.80	4,173,026.50	0.00	128.50	Property Grid
553,849.80	4,173,026.50	0.00	0.00	Property Grid
553,949.80	4,173,026.50	0.00	0.00	Property Grid
554,049.80	4,173,026.50	0.00	0.00	Property Grid
554,149.80	4,173,026.50	0.00	0.00	Property Grid
554,249.80	4,173,026.50	0.00	0.00	Property Grid
554,349.80	4,173,026.50	0.00	0.00	Property Grid
554,449.80	4,173,026.50	0.00	0.00	Property Grid
554,549.80	4,173,026.50	0.00	0.00	Property Grid
554,649.80	4,173,026.50	0.00	0.00	Property Grid
554,749.80	4,173,026.50	0.00	0.00	Property Grid
554,849.80	4,173,026.50	0.00	0.00	Property Grid
554,949.80	4,173,026.50	0.00	0.00	Property Grid
555,049.80	4,173,026.50	0.00	0.00	Property Grid
555,149.80	4,173,026.50	0.00	0.00	Property Grid
548,749.80	4,173,126.50	185.41	400.26	Property Grid
548,849.80	4,173,126.50	202.12	209.14	Property Grid
548,949.80	4,173,126.50	206.78	206.78	Property Grid
549,049.80	4,173,126.50	189.89	400.26	Property Grid
549,149.80	4,173,126.50	194.80	400.26	Property Grid
549,249.80	4,173,126.50	209.24	400.26	Property Grid
549,349.80	4,173,126.50	218.75	245.35	Property Grid
549,449.80	4,173,126.50	226.94	245.35	Property Grid
549,549.80	4,173,126.50	229.56	245.26	Property Grid
549,649.80	4,173,126.50	236.45	236.45	Property Grid
549,749.80	4,173,126.50	238.64	238.64	Property Grid
549,849.80	4,173,126.50	238.42	238.42	Property Grid
549,949.80	4,173,126.50	239.76	245.17	Property Grid
550,049.80	4,173,126.50	231.99	259.60	Property Grid
550,149.80	4,173,126.50	237.60	255.25	Property Grid
550,249.80	4,173,126.50	236.23	254.41	Property Grid
550,349.80	4,173,126.50	187.73	400.26	Property Grid
550,449.80	4,173,126.50	143.22	400.26	Property Grid
550,549.80	4,173,126.50	119.82	400.26	Property Grid
550,649.80	4,173,126.50	99.25	400.26	Property Grid
550,749.80	4,173,126.50	82.82	400.26	Property Grid
550,849.80	4,173,126.50	62.88	400.26	Property Grid
550,949.80	4,173,126.50	46.66	400.26	Property Grid
551,049.80	4,173,126.50	41.44	400.26	Property Grid
551,149.80	4,173,126.50	29.77	400.26	Property Grid
552,749.80	4,173,126.50	6.94	400.26	Property Grid
552,849.80	4,173,126.50	6.96	400.26	Property Grid
552,949.80	4,173,126.50	8.00	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,049.80	4,173,126.50	8.17	400.26	Property Grid
553,149.80	4,173,126.50	7.54	400.26	Property Grid
553,249.80	4,173,126.50	7.27	399.98	Property Grid
553,349.80	4,173,126.50	7.20	128.50	Property Grid
553,449.80	4,173,126.50	6.66	128.82	Property Grid
553,549.80	4,173,126.50	4.07	128.82	Property Grid
553,649.80	4,173,126.50	0.00	128.82	Property Grid
553,749.80	4,173,126.50	0.00	128.82	Property Grid
553,849.80	4,173,126.50	0.00	128.82	Property Grid
553,949.80	4,173,126.50	0.00	128.82	Property Grid
554,049.80	4,173,126.50	0.00	128.64	Property Grid
554,149.80	4,173,126.50	0.00	128.50	Property Grid
554,249.80	4,173,126.50	0.00	0.00	Property Grid
554,349.80	4,173,126.50	0.00	0.00	Property Grid
554,449.80	4,173,126.50	0.00	0.00	Property Grid
554,549.80	4,173,126.50	0.00	0.00	Property Grid
554,649.80	4,173,126.50	0.00	0.00	Property Grid
554,749.80	4,173,126.50	0.00	0.00	Property Grid
554,849.80	4,173,126.50	0.00	0.00	Property Grid
554,949.80	4,173,126.50	0.00	0.00	Property Grid
555,049.80	4,173,126.50	0.00	0.00	Property Grid
555,149.80	4,173,126.50	0.00	0.00	Property Grid
548,749.80	4,173,226.50	156.53	400.26	Property Grid
548,849.80	4,173,226.50	179.10	400.26	Property Grid
548,949.80	4,173,226.50	174.74	400.26	Property Grid
549,049.80	4,173,226.50	183.26	400.26	Property Grid
549,149.80	4,173,226.50	170.41	400.26	Property Grid
549,249.80	4,173,226.50	183.01	400.26	Property Grid
549,349.80	4,173,226.50	187.71	400.26	Property Grid
549,449.80	4,173,226.50	195.63	400.26	Property Grid
549,549.80	4,173,226.50	214.59	245.35	Property Grid
549,649.80	4,173,226.50	222.03	240.43	Property Grid
549,749.80	4,173,226.50	209.01	400.26	Property Grid
549,849.80	4,173,226.50	202.07	400.26	Property Grid
549,949.80	4,173,226.50	207.74	400.26	Property Grid
550,049.80	4,173,226.50	185.54	400.26	Property Grid
550,149.80	4,173,226.50	228.42	254.41	Property Grid
550,249.80	4,173,226.50	200.09	400.26	Property Grid
550,349.80	4,173,226.50	174.44	400.26	Property Grid
550,449.80	4,173,226.50	133.56	400.26	Property Grid
550,549.80	4,173,226.50	106.73	400.26	Property Grid
550,649.80	4,173,226.50	82.71	400.26	Property Grid
550,749.80	4,173,226.50	66.31	400.26	Property Grid
550,849.80	4,173,226.50	52.50	400.26	Property Grid
550,949.80	4,173,226.50	45.06	400.26	Property Grid
551,049.80	4,173,226.50	38.17	400.26	Property Grid
551,149.80	4,173,226.50	29.27	400.26	Property Grid
552,749.80	4,173,226.50	6.94	400.26	Property Grid
552,849.80	4,173,226.50	6.94	400.26	Property Grid
552,949.80	4,173,226.50	6.94	400.26	Property Grid
553,049.80	4,173,226.50	7.07	400.26	Property Grid
553,149.80	4,173,226.50	7.04	400.26	Property Grid
553,249.80	4,173,226.50	6.83	128.82	Property Grid
553,349.80	4,173,226.50	6.71	128.82	Property Grid
553,449.80	4,173,226.50	6.33	128.82	Property Grid
553,549.80	4,173,226.50	6.08	128.82	Property Grid
553,649.80	4,173,226.50	0.00	128.82	Property Grid
553,749.80	4,173,226.50	0.00	128.82	Property Grid
553,849.80	4,173,226.50	0.00	128.82	Property Grid
553,949.80	4,173,226.50	0.00	128.82	Property Grid
554,049.80	4,173,226.50	0.00	128.82	Property Grid
554,149.80	4,173,226.50	0.00	128.82	Property Grid
554,249.80	4,173,226.50	0.00	128.82	Property Grid
554,349.80	4,173,226.50	0.00	0.00	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,449.80	4,173,226.50	0.00	0.00	Property Grid
554,549.80	4,173,226.50	0.00	0.00	Property Grid
554,649.80	4,173,226.50	0.00	0.00	Property Grid
554,749.80	4,173,226.50	0.00	0.00	Property Grid
554,849.80	4,173,226.50	0.00	0.00	Property Grid
554,949.80	4,173,226.50	0.00	0.00	Property Grid
555,049.80	4,173,226.50	0.00	0.00	Property Grid
555,149.80	4,173,226.50	0.00	0.00	Property Grid
548,749.80	4,173,326.50	140.07	400.26	Property Grid
548,849.80	4,173,326.50	148.51	400.26	Property Grid
548,949.80	4,173,326.50	156.21	400.26	Property Grid
549,049.80	4,173,326.50	162.68	400.26	Property Grid
549,149.80	4,173,326.50	152.84	400.26	Property Grid
549,249.80	4,173,326.50	151.99	400.26	Property Grid
549,349.80	4,173,326.50	158.77	400.26	Property Grid
549,449.80	4,173,326.50	181.78	400.26	Property Grid
549,549.80	4,173,326.50	182.45	400.26	Property Grid
549,649.80	4,173,326.50	194.21	400.26	Property Grid
549,749.80	4,173,326.50	173.49	400.26	Property Grid
549,849.80	4,173,326.50	168.00	400.26	Property Grid
549,949.80	4,173,326.50	180.83	400.26	Property Grid
550,049.80	4,173,326.50	163.62	400.26	Property Grid
550,149.80	4,173,326.50	186.67	400.26	Property Grid
550,249.80	4,173,326.50	171.48	400.26	Property Grid
550,349.80	4,173,326.50	176.07	400.26	Property Grid
550,449.80	4,173,326.50	141.84	400.26	Property Grid
550,549.80	4,173,326.50	113.02	400.26	Property Grid
550,649.80	4,173,326.50	92.70	400.26	Property Grid
550,749.80	4,173,326.50	69.59	400.26	Property Grid
550,849.80	4,173,326.50	52.48	400.26	Property Grid
550,949.80	4,173,326.50	47.85	400.26	Property Grid
551,049.80	4,173,326.50	40.38	400.26	Property Grid
551,149.80	4,173,326.50	31.08	400.26	Property Grid
552,749.80	4,173,326.50	6.94	400.26	Property Grid
552,849.80	4,173,326.50	6.94	400.26	Property Grid
552,949.80	4,173,326.50	6.94	400.26	Property Grid
553,049.80	4,173,326.50	7.21	400.26	Property Grid
553,149.80	4,173,326.50	7.21	128.82	Property Grid
553,249.80	4,173,326.50	7.49	128.82	Property Grid
553,349.80	4,173,326.50	7.13	128.82	Property Grid
553,449.80	4,173,326.50	5.72	128.82	Property Grid
553,549.80	4,173,326.50	5.80	128.82	Property Grid
553,649.80	4,173,326.50	0.00	128.82	Property Grid
553,749.80	4,173,326.50	0.00	128.82	Property Grid
553,849.80	4,173,326.50	0.00	128.82	Property Grid
553,949.80	4,173,326.50	0.00	128.82	Property Grid
554,049.80	4,173,326.50	0.00	128.82	Property Grid
554,149.80	4,173,326.50	0.00	128.82	Property Grid
554,249.80	4,173,326.50	0.00	128.82	Property Grid
554,349.80	4,173,326.50	0.00	128.82	Property Grid
554,449.80	4,173,326.50	0.00	128.50	Property Grid
554,549.80	4,173,326.50	0.00	0.00	Property Grid
554,649.80	4,173,326.50	0.00	0.00	Property Grid
554,749.80	4,173,326.50	0.00	0.00	Property Grid
554,849.80	4,173,326.50	0.00	0.00	Property Grid
554,949.80	4,173,326.50	0.00	0.00	Property Grid
555,049.80	4,173,326.50	0.00	0.00	Property Grid
555,149.80	4,173,326.50	0.00	0.00	Property Grid
548,749.80	4,173,426.50	125.75	400.26	Property Grid
548,849.80	4,173,426.50	133.14	400.26	Property Grid
548,949.80	4,173,426.50	140.53	400.26	Property Grid
549,049.80	4,173,426.50	147.44	400.26	Property Grid
549,149.80	4,173,426.50	147.93	400.26	Property Grid
549,249.80	4,173,426.50	147.94	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,349.80	4,173,426.50	151.76	400.26	Property Grid
549,449.80	4,173,426.50	159.51	400.26	Property Grid
549,549.80	4,173,426.50	172.34	400.26	Property Grid
549,649.80	4,173,426.50	167.44	400.26	Property Grid
549,749.80	4,173,426.50	156.45	400.26	Property Grid
549,849.80	4,173,426.50	135.90	400.26	Property Grid
549,949.80	4,173,426.50	148.54	400.26	Property Grid
550,049.80	4,173,426.50	143.11	400.26	Property Grid
550,149.80	4,173,426.50	171.02	400.26	Property Grid
550,249.80	4,173,426.50	153.33	400.26	Property Grid
550,349.80	4,173,426.50	157.88	400.26	Property Grid
550,449.80	4,173,426.50	145.85	400.26	Property Grid
550,549.80	4,173,426.50	118.71	400.26	Property Grid
550,649.80	4,173,426.50	89.64	400.26	Property Grid
550,749.80	4,173,426.50	70.78	400.26	Property Grid
550,849.80	4,173,426.50	53.03	400.26	Property Grid
550,949.80	4,173,426.50	48.13	400.26	Property Grid
551,049.80	4,173,426.50	41.91	400.26	Property Grid
551,149.80	4,173,426.50	37.14	400.26	Property Grid
552,749.80	4,173,426.50	6.94	400.26	Property Grid
552,849.80	4,173,426.50	6.94	400.26	Property Grid
552,949.80	4,173,426.50	6.94	400.26	Property Grid
553,049.80	4,173,426.50	7.07	400.26	Property Grid
553,149.80	4,173,426.50	7.83	128.82	Property Grid
553,249.80	4,173,426.50	7.03	128.82	Property Grid
553,349.80	4,173,426.50	6.35	128.82	Property Grid
553,449.80	4,173,426.50	2.57	128.82	Property Grid
553,549.80	4,173,426.50	0.00	128.82	Property Grid
553,649.80	4,173,426.50	0.00	128.82	Property Grid
553,749.80	4,173,426.50	0.00	128.82	Property Grid
553,849.80	4,173,426.50	0.00	128.82	Property Grid
553,949.80	4,173,426.50	0.00	128.82	Property Grid
554,049.80	4,173,426.50	0.00	128.82	Property Grid
554,149.80	4,173,426.50	0.00	128.82	Property Grid
554,249.80	4,173,426.50	0.00	128.82	Property Grid
554,349.80	4,173,426.50	0.00	128.82	Property Grid
554,449.80	4,173,426.50	0.00	128.82	Property Grid
554,549.80	4,173,426.50	0.00	128.50	Property Grid
554,649.80	4,173,426.50	0.00	0.00	Property Grid
554,749.80	4,173,426.50	0.00	0.00	Property Grid
554,849.80	4,173,426.50	0.00	0.00	Property Grid
554,949.80	4,173,426.50	0.00	0.00	Property Grid
555,049.80	4,173,426.50	0.00	0.00	Property Grid
555,149.80	4,173,426.50	0.00	0.00	Property Grid
555,249.80	4,173,426.50	0.00	0.00	Property Grid
548,749.80	4,173,526.50	114.87	400.26	Property Grid
548,849.80	4,173,526.50	119.92	400.26	Property Grid
548,949.80	4,173,526.50	123.95	400.26	Property Grid
549,049.80	4,173,526.50	132.42	400.26	Property Grid
549,149.80	4,173,526.50	137.63	400.26	Property Grid
549,249.80	4,173,526.50	138.92	400.26	Property Grid
549,349.80	4,173,526.50	145.94	400.26	Property Grid
549,449.80	4,173,526.50	140.43	400.26	Property Grid
549,549.80	4,173,526.50	157.30	400.26	Property Grid
549,649.80	4,173,526.50	147.40	400.26	Property Grid
549,749.80	4,173,526.50	133.78	400.26	Property Grid
549,849.80	4,173,526.50	131.24	400.26	Property Grid
549,949.80	4,173,526.50	121.31	400.26	Property Grid
550,049.80	4,173,526.50	125.30	400.26	Property Grid
550,149.80	4,173,526.50	149.24	400.26	Property Grid
550,249.80	4,173,526.50	137.19	400.26	Property Grid
550,349.80	4,173,526.50	138.05	400.26	Property Grid
550,449.80	4,173,526.50	122.64	400.26	Property Grid
550,549.80	4,173,526.50	96.21	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,649.80	4,173,526.50	84.63	400.26	Property Grid
550,749.80	4,173,526.50	66.80	400.26	Property Grid
550,849.80	4,173,526.50	54.36	400.26	Property Grid
550,949.80	4,173,526.50	46.28	400.26	Property Grid
551,049.80	4,173,526.50	41.94	400.26	Property Grid
551,149.80	4,173,526.50	38.54	400.26	Property Grid
552,649.80	4,173,526.50	6.94	400.26	Property Grid
552,749.80	4,173,526.50	6.94	400.26	Property Grid
552,849.80	4,173,526.50	6.94	400.26	Property Grid
552,949.80	4,173,526.50	6.94	400.26	Property Grid
553,049.80	4,173,526.50	7.00	128.82	Property Grid
553,149.80	4,173,526.50	9.08	128.82	Property Grid
553,249.80	4,173,526.50	7.38	128.82	Property Grid
553,349.80	4,173,526.50	6.33	128.82	Property Grid
553,449.80	4,173,526.50	0.00	128.82	Property Grid
553,549.80	4,173,526.50	0.00	128.82	Property Grid
553,649.80	4,173,526.50	0.00	128.82	Property Grid
553,749.80	4,173,526.50	0.00	128.82	Property Grid
553,849.80	4,173,526.50	0.00	128.82	Property Grid
553,949.80	4,173,526.50	0.00	128.82	Property Grid
554,049.80	4,173,526.50	0.00	128.82	Property Grid
554,149.80	4,173,526.50	0.00	128.82	Property Grid
554,249.80	4,173,526.50	0.00	128.82	Property Grid
554,349.80	4,173,526.50	0.00	128.82	Property Grid
554,449.80	4,173,526.50	0.00	128.82	Property Grid
554,549.80	4,173,526.50	0.00	128.82	Property Grid
554,649.80	4,173,526.50	0.00	128.50	Property Grid
554,749.80	4,173,526.50	0.00	0.00	Property Grid
554,849.80	4,173,526.50	0.00	0.00	Property Grid
554,949.80	4,173,526.50	0.00	0.00	Property Grid
555,049.80	4,173,526.50	0.00	0.00	Property Grid
555,149.80	4,173,526.50	0.00	0.00	Property Grid
555,249.80	4,173,526.50	0.00	0.00	Property Grid
555,349.80	4,173,526.50	0.00	0.00	Property Grid
548,749.80	4,173,626.50	107.80	400.26	Property Grid
548,849.80	4,173,626.50	113.19	400.26	Property Grid
548,949.80	4,173,626.50	117.29	400.26	Property Grid
549,049.80	4,173,626.50	118.32	400.26	Property Grid
549,149.80	4,173,626.50	122.38	400.26	Property Grid
549,249.80	4,173,626.50	127.21	400.26	Property Grid
549,349.80	4,173,626.50	123.46	400.26	Property Grid
549,449.80	4,173,626.50	131.03	400.26	Property Grid
549,549.80	4,173,626.50	146.42	400.26	Property Grid
549,649.80	4,173,626.50	133.64	400.26	Property Grid
549,749.80	4,173,626.50	120.76	400.26	Property Grid
549,849.80	4,173,626.50	115.14	400.26	Property Grid
549,949.80	4,173,626.50	112.52	400.26	Property Grid
550,049.80	4,173,626.50	112.93	400.26	Property Grid
550,149.80	4,173,626.50	127.37	400.26	Property Grid
550,249.80	4,173,626.50	112.42	400.26	Property Grid
550,349.80	4,173,626.50	128.14	400.26	Property Grid
550,449.80	4,173,626.50	116.52	400.26	Property Grid
550,549.80	4,173,626.50	88.74	400.26	Property Grid
550,649.80	4,173,626.50	72.27	400.26	Property Grid
550,749.80	4,173,626.50	62.83	400.26	Property Grid
550,849.80	4,173,626.50	52.86	400.26	Property Grid
550,949.80	4,173,626.50	45.92	400.26	Property Grid
551,049.80	4,173,626.50	40.24	400.26	Property Grid
551,149.80	4,173,626.50	38.30	400.26	Property Grid
551,249.80	4,173,626.50	39.66	400.26	Property Grid
552,549.80	4,173,626.50	6.94	400.26	Property Grid
552,649.80	4,173,626.50	6.94	400.26	Property Grid
552,749.80	4,173,626.50	6.94	400.26	Property Grid
552,849.80	4,173,626.50	6.94	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,949.80	4,173,626.50	8.06	128.82	Property Grid
553,049.80	4,173,626.50	12.80	128.82	Property Grid
553,149.80	4,173,626.50	30.29	128.82	Property Grid
553,249.80	4,173,626.50	12.07	128.82	Property Grid
553,349.80	4,173,626.50	8.56	128.82	Property Grid
553,449.80	4,173,626.50	6.09	128.82	Property Grid
553,549.80	4,173,626.50	0.00	128.82	Property Grid
553,649.80	4,173,626.50	0.00	128.82	Property Grid
553,749.80	4,173,626.50	0.00	128.82	Property Grid
553,849.80	4,173,626.50	0.00	128.82	Property Grid
553,949.80	4,173,626.50	0.00	128.82	Property Grid
554,049.80	4,173,626.50	0.00	128.82	Property Grid
554,149.80	4,173,626.50	0.00	128.82	Property Grid
554,249.80	4,173,626.50	0.00	128.82	Property Grid
554,349.80	4,173,626.50	0.00	128.82	Property Grid
554,449.80	4,173,626.50	0.00	128.82	Property Grid
554,549.80	4,173,626.50	0.00	128.82	Property Grid
554,649.80	4,173,626.50	0.00	128.82	Property Grid
554,749.80	4,173,626.50	0.00	0.00	Property Grid
554,849.80	4,173,626.50	0.00	7.53	Property Grid
554,949.80	4,173,626.50	0.13	7.53	Property Grid
555,049.80	4,173,626.50	0.00	0.00	Property Grid
555,149.80	4,173,626.50	0.00	0.00	Property Grid
555,249.80	4,173,626.50	0.00	0.00	Property Grid
555,349.80	4,173,626.50	0.00	0.00	Property Grid
555,449.80	4,173,626.50	0.00	0.00	Property Grid
548,749.80	4,173,726.50	103.81	400.26	Property Grid
548,849.80	4,173,726.50	105.12	400.26	Property Grid
548,949.80	4,173,726.50	106.68	400.26	Property Grid
549,049.80	4,173,726.50	109.47	400.26	Property Grid
549,149.80	4,173,726.50	112.64	400.26	Property Grid
549,249.80	4,173,726.50	113.47	400.26	Property Grid
549,349.80	4,173,726.50	119.40	400.26	Property Grid
549,449.80	4,173,726.50	137.99	400.26	Property Grid
549,549.80	4,173,726.50	121.00	400.26	Property Grid
549,649.80	4,173,726.50	113.59	400.26	Property Grid
549,749.80	4,173,726.50	108.66	400.26	Property Grid
549,849.80	4,173,726.50	103.06	400.26	Property Grid
549,949.80	4,173,726.50	100.64	400.26	Property Grid
550,049.80	4,173,726.50	99.47	400.26	Property Grid
550,149.80	4,173,726.50	101.04	400.26	Property Grid
550,249.80	4,173,726.50	99.09	400.26	Property Grid
550,349.80	4,173,726.50	118.24	400.26	Property Grid
550,449.80	4,173,726.50	115.11	400.26	Property Grid
550,549.80	4,173,726.50	109.28	400.26	Property Grid
550,649.80	4,173,726.50	90.31	400.26	Property Grid
550,749.80	4,173,726.50	60.25	400.26	Property Grid
550,849.80	4,173,726.50	47.14	400.26	Property Grid
550,949.80	4,173,726.50	44.72	400.26	Property Grid
551,049.80	4,173,726.50	42.67	400.26	Property Grid
551,149.80	4,173,726.50	40.20	400.26	Property Grid
551,249.80	4,173,726.50	43.84	400.26	Property Grid
551,349.80	4,173,726.50	31.29	400.26	Property Grid
552,349.80	4,173,726.50	6.94	400.26	Property Grid
552,449.80	4,173,726.50	6.94	400.26	Property Grid
552,549.80	4,173,726.50	6.94	400.26	Property Grid
552,649.80	4,173,726.50	6.94	400.26	Property Grid
552,749.80	4,173,726.50	6.94	400.26	Property Grid
552,849.80	4,173,726.50	6.94	400.26	Property Grid
552,949.80	4,173,726.50	17.66	128.82	Property Grid
553,049.80	4,173,726.50	37.57	128.82	Property Grid
553,149.80	4,173,726.50	37.89	128.82	Property Grid
553,249.80	4,173,726.50	16.26	128.82	Property Grid
553,349.80	4,173,726.50	7.57	128.82	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,449.80	4,173,726.50	6.18	128.82	Property Grid
553,549.80	4,173,726.50	6.50	128.82	Property Grid
553,649.80	4,173,726.50	0.00	128.82	Property Grid
553,749.80	4,173,726.50	1.71	128.82	Property Grid
553,849.80	4,173,726.50	0.98	128.82	Property Grid
553,949.80	4,173,726.50	6.92	128.82	Property Grid
554,049.80	4,173,726.50	0.00	128.82	Property Grid
554,149.80	4,173,726.50	0.00	128.82	Property Grid
554,249.80	4,173,726.50	0.58	128.82	Property Grid
554,349.80	4,173,726.50	0.38	128.82	Property Grid
554,449.80	4,173,726.50	1.50	128.82	Property Grid
554,549.80	4,173,726.50	2.93	128.82	Property Grid
554,649.80	4,173,726.50	0.00	128.82	Property Grid
554,749.80	4,173,726.50	1.30	128.50	Property Grid
554,849.80	4,173,726.50	0.00	7.28	Property Grid
554,949.80	4,173,726.50	5.14	5.14	Property Grid
555,049.80	4,173,726.50	0.74	0.74	Property Grid
555,149.80	4,173,726.50	0.00	0.00	Property Grid
555,249.80	4,173,726.50	0.00	0.00	Property Grid
555,349.80	4,173,726.50	0.00	0.00	Property Grid
555,449.80	4,173,726.50	0.00	0.00	Property Grid
555,549.80	4,173,726.50	0.00	0.00	Property Grid
548,749.80	4,173,826.50	98.07	400.26	Property Grid
548,849.80	4,173,826.50	100.17	400.26	Property Grid
548,949.80	4,173,826.50	101.91	400.26	Property Grid
549,049.80	4,173,826.50	104.22	400.26	Property Grid
549,149.80	4,173,826.50	106.03	400.26	Property Grid
549,249.80	4,173,826.50	113.35	400.26	Property Grid
549,349.80	4,173,826.50	117.48	400.26	Property Grid
549,449.80	4,173,826.50	113.65	400.26	Property Grid
549,549.80	4,173,826.50	103.96	400.26	Property Grid
549,649.80	4,173,826.50	100.57	400.26	Property Grid
549,749.80	4,173,826.50	97.46	400.26	Property Grid
549,849.80	4,173,826.50	97.00	400.26	Property Grid
549,949.80	4,173,826.50	95.61	400.26	Property Grid
550,049.80	4,173,826.50	93.85	400.26	Property Grid
550,149.80	4,173,826.50	95.77	400.26	Property Grid
550,249.80	4,173,826.50	104.52	400.26	Property Grid
550,349.80	4,173,826.50	104.84	400.26	Property Grid
550,449.80	4,173,826.50	90.62	400.26	Property Grid
550,549.80	4,173,826.50	60.86	400.26	Property Grid
550,649.80	4,173,826.50	68.38	400.26	Property Grid
550,749.80	4,173,826.50	55.90	400.26	Property Grid
550,849.80	4,173,826.50	62.15	400.26	Property Grid
550,949.80	4,173,826.50	51.01	400.26	Property Grid
551,049.80	4,173,826.50	47.48	400.26	Property Grid
551,149.80	4,173,826.50	42.38	400.26	Property Grid
551,249.80	4,173,826.50	33.56	400.26	Property Grid
551,349.80	4,173,826.50	28.62	400.26	Property Grid
551,449.80	4,173,826.50	24.26	400.26	Property Grid
552,049.80	4,173,826.50	13.65	400.26	Property Grid
552,149.80	4,173,826.50	12.37	400.26	Property Grid
552,249.80	4,173,826.50	10.73	400.26	Property Grid
552,349.80	4,173,826.50	9.90	400.26	Property Grid
552,449.80	4,173,826.50	8.69	400.26	Property Grid
552,549.80	4,173,826.50	7.01	400.26	Property Grid
552,649.80	4,173,826.50	6.94	400.26	Property Grid
552,749.80	4,173,826.50	7.86	400.26	Property Grid
552,849.80	4,173,826.50	10.24	128.82	Property Grid
552,949.80	4,173,826.50	17.18	128.82	Property Grid
553,049.80	4,173,826.50	19.95	128.82	Property Grid
553,149.80	4,173,826.50	14.81	128.82	Property Grid
553,249.80	4,173,826.50	10.61	128.82	Property Grid
553,349.80	4,173,826.50	6.03	128.82	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,449.80	4,173,826.50	6.03	128.82	Property Grid
553,549.80	4,173,826.50	6.07	128.82	Property Grid
553,649.80	4,173,826.50	6.42	128.82	Property Grid
553,749.80	4,173,826.50	6.67	128.82	Property Grid
553,849.80	4,173,826.50	7.04	128.82	Property Grid
553,949.80	4,173,826.50	7.38	128.82	Property Grid
554,049.80	4,173,826.50	5.55	128.82	Property Grid
554,149.80	4,173,826.50	4.38	128.82	Property Grid
554,249.80	4,173,826.50	5.57	128.82	Property Grid
554,349.80	4,173,826.50	4.43	128.82	Property Grid
554,449.80	4,173,826.50	2.71	128.82	Property Grid
554,549.80	4,173,826.50	0.54	128.82	Property Grid
554,649.80	4,173,826.50	0.00	128.82	Property Grid
554,749.80	4,173,826.50	0.00	128.82	Property Grid
554,849.80	4,173,826.50	0.00	0.00	Property Grid
554,949.80	4,173,826.50	0.06	0.06	Property Grid
555,049.80	4,173,826.50	0.00	0.00	Property Grid
555,149.80	4,173,826.50	0.00	0.00	Property Grid
555,249.80	4,173,826.50	0.00	0.00	Property Grid
555,349.80	4,173,826.50	0.00	0.00	Property Grid
555,449.80	4,173,826.50	0.00	0.00	Property Grid
555,549.80	4,173,826.50	0.00	0.00	Property Grid
548,749.80	4,173,926.50	89.49	400.26	Property Grid
548,849.80	4,173,926.50	89.04	400.26	Property Grid
548,949.80	4,173,926.50	91.19	400.26	Property Grid
549,049.80	4,173,926.50	97.68	400.26	Property Grid
549,149.80	4,173,926.50	103.29	400.26	Property Grid
549,249.80	4,173,926.50	109.34	400.26	Property Grid
549,349.80	4,173,926.50	106.08	400.26	Property Grid
549,449.80	4,173,926.50	100.77	400.26	Property Grid
549,549.80	4,173,926.50	94.32	400.26	Property Grid
549,649.80	4,173,926.50	91.80	400.26	Property Grid
549,749.80	4,173,926.50	91.38	400.26	Property Grid
549,849.80	4,173,926.50	91.72	400.26	Property Grid
549,949.80	4,173,926.50	90.97	400.26	Property Grid
550,049.80	4,173,926.50	89.24	400.26	Property Grid
550,149.80	4,173,926.50	93.41	400.26	Property Grid
550,249.80	4,173,926.50	95.12	400.26	Property Grid
550,349.80	4,173,926.50	85.04	400.26	Property Grid
550,449.80	4,173,926.50	69.12	400.26	Property Grid
550,549.80	4,173,926.50	58.84	400.26	Property Grid
550,649.80	4,173,926.50	63.68	400.26	Property Grid
550,749.80	4,173,926.50	76.46	400.26	Property Grid
550,849.80	4,173,926.50	78.95	400.26	Property Grid
550,949.80	4,173,926.50	65.58	400.26	Property Grid
551,049.80	4,173,926.50	59.24	400.26	Property Grid
551,149.80	4,173,926.50	47.98	400.26	Property Grid
551,249.80	4,173,926.50	39.61	400.26	Property Grid
551,349.80	4,173,926.50	30.96	400.26	Property Grid
551,449.80	4,173,926.50	27.03	400.26	Property Grid
551,549.80	4,173,926.50	24.80	400.26	Property Grid
551,649.80	4,173,926.50	23.40	400.26	Property Grid
551,749.80	4,173,926.50	21.30	400.26	Property Grid
551,849.80	4,173,926.50	19.55	400.26	Property Grid
551,949.80	4,173,926.50	18.27	400.26	Property Grid
552,049.80	4,173,926.50	17.91	400.26	Property Grid
552,149.80	4,173,926.50	17.09	400.26	Property Grid
552,249.80	4,173,926.50	15.24	400.26	Property Grid
552,349.80	4,173,926.50	13.58	400.26	Property Grid
552,449.80	4,173,926.50	12.02	400.26	Property Grid
552,549.80	4,173,926.50	10.32	400.26	Property Grid
552,649.80	4,173,926.50	9.80	400.26	Property Grid
552,749.80	4,173,926.50	8.10	128.82	Property Grid
552,849.80	4,173,926.50	12.88	128.82	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,949.80	4,173,926.50	13.63	128.82	Property Grid
553,049.80	4,173,926.50	11.93	128.82	Property Grid
553,149.80	4,173,926.50	10.60	128.82	Property Grid
553,249.80	4,173,926.50	15.23	128.82	Property Grid
553,349.80	4,173,926.50	8.64	128.82	Property Grid
553,449.80	4,173,926.50	8.51	128.82	Property Grid
553,549.80	4,173,926.50	11.71	128.82	Property Grid
553,649.80	4,173,926.50	16.39	128.82	Property Grid
553,749.80	4,173,926.50	21.56	128.82	Property Grid
553,849.80	4,173,926.50	22.01	128.82	Property Grid
553,949.80	4,173,926.50	9.48	128.82	Property Grid
554,049.80	4,173,926.50	7.50	128.82	Property Grid
554,149.80	4,173,926.50	6.55	128.82	Property Grid
554,249.80	4,173,926.50	5.12	128.82	Property Grid
554,349.80	4,173,926.50	5.84	128.82	Property Grid
554,449.80	4,173,926.50	3.89	128.82	Property Grid
554,549.80	4,173,926.50	1.45	128.82	Property Grid
554,649.80	4,173,926.50	0.00	128.82	Property Grid
554,749.80	4,173,926.50	0.00	128.82	Property Grid
554,849.80	4,173,926.50	0.00	128.50	Property Grid
554,949.80	4,173,926.50	0.00	0.00	Property Grid
555,049.80	4,173,926.50	0.00	0.00	Property Grid
555,149.80	4,173,926.50	0.00	0.00	Property Grid
555,249.80	4,173,926.50	0.00	0.00	Property Grid
555,349.80	4,173,926.50	0.00	0.00	Property Grid
555,449.80	4,173,926.50	0.00	0.00	Property Grid
555,549.80	4,173,926.50	0.00	0.00	Property Grid
555,649.80	4,173,926.50	0.00	0.00	Property Grid
548,849.80	4,174,026.50	83.02	400.26	Property Grid
548,949.80	4,174,026.50	83.15	400.26	Property Grid
549,049.80	4,174,026.50	89.73	400.26	Property Grid
549,149.80	4,174,026.50	96.08	400.26	Property Grid
549,249.80	4,174,026.50	100.12	400.26	Property Grid
549,349.80	4,174,026.50	93.63	400.26	Property Grid
549,449.80	4,174,026.50	90.01	400.26	Property Grid
549,549.80	4,174,026.50	86.27	400.26	Property Grid
549,649.80	4,174,026.50	84.04	400.26	Property Grid
549,749.80	4,174,026.50	84.62	400.26	Property Grid
549,849.80	4,174,026.50	85.50	400.26	Property Grid
549,949.80	4,174,026.50	83.63	400.26	Property Grid
550,049.80	4,174,026.50	82.87	400.26	Property Grid
550,149.80	4,174,026.50	86.06	400.26	Property Grid
550,249.80	4,174,026.50	77.82	400.26	Property Grid
550,349.80	4,174,026.50	69.04	400.26	Property Grid
550,449.80	4,174,026.50	67.89	400.26	Property Grid
550,549.80	4,174,026.50	78.38	400.26	Property Grid
550,649.80	4,174,026.50	91.56	400.26	Property Grid
550,749.80	4,174,026.50	97.87	400.26	Property Grid
550,849.80	4,174,026.50	83.25	400.26	Property Grid
550,949.80	4,174,026.50	68.35	400.26	Property Grid
551,049.80	4,174,026.50	54.88	400.26	Property Grid
551,149.80	4,174,026.50	44.84	400.26	Property Grid
551,249.80	4,174,026.50	39.33	400.26	Property Grid
551,349.80	4,174,026.50	33.42	400.26	Property Grid
551,449.80	4,174,026.50	30.05	400.26	Property Grid
551,549.80	4,174,026.50	28.58	400.26	Property Grid
551,649.80	4,174,026.50	27.42	400.26	Property Grid
551,749.80	4,174,026.50	25.47	400.26	Property Grid
551,849.80	4,174,026.50	22.90	400.26	Property Grid
551,949.80	4,174,026.50	21.90	400.26	Property Grid
552,049.80	4,174,026.50	21.37	400.26	Property Grid
552,149.80	4,174,026.50	21.38	400.26	Property Grid
552,249.80	4,174,026.50	20.65	400.26	Property Grid
552,349.80	4,174,026.50	18.25	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,449.80	4,174,026.50	16.05	400.26	Property Grid
552,549.80	4,174,026.50	15.61	128.82	Property Grid
552,649.80	4,174,026.50	16.60	128.82	Property Grid
552,749.80	4,174,026.50	14.11	128.82	Property Grid
552,849.80	4,174,026.50	18.55	128.82	Property Grid
552,949.80	4,174,026.50	18.17	128.82	Property Grid
553,049.80	4,174,026.50	17.22	128.82	Property Grid
553,149.80	4,174,026.50	15.65	128.82	Property Grid
553,249.80	4,174,026.50	21.81	128.82	Property Grid
553,349.80	4,174,026.50	17.33	128.82	Property Grid
553,449.80	4,174,026.50	23.19	128.82	Property Grid
553,549.80	4,174,026.50	29.17	128.82	Property Grid
553,649.80	4,174,026.50	43.46	128.82	Property Grid
553,749.80	4,174,026.50	55.56	128.82	Property Grid
553,849.80	4,174,026.50	54.20	128.82	Property Grid
553,949.80	4,174,026.50	44.16	128.82	Property Grid
554,049.80	4,174,026.50	17.09	128.82	Property Grid
554,149.80	4,174,026.50	7.62	128.82	Property Grid
554,249.80	4,174,026.50	6.40	128.82	Property Grid
554,349.80	4,174,026.50	5.17	128.82	Property Grid
554,449.80	4,174,026.50	4.32	128.82	Property Grid
554,549.80	4,174,026.50	3.16	128.82	Property Grid
554,649.80	4,174,026.50	0.89	128.82	Property Grid
554,749.80	4,174,026.50	0.00	128.82	Property Grid
554,849.80	4,174,026.50	0.00	128.64	Property Grid
554,949.80	4,174,026.50	0.00	0.00	Property Grid
555,049.80	4,174,026.50	0.00	0.00	Property Grid
555,149.80	4,174,026.50	0.00	0.00	Property Grid
555,249.80	4,174,026.50	0.00	0.00	Property Grid
555,349.80	4,174,026.50	0.00	0.00	Property Grid
555,449.80	4,174,026.50	0.00	0.00	Property Grid
555,549.80	4,174,026.50	0.00	0.00	Property Grid
555,649.80	4,174,026.50	0.00	0.00	Property Grid
555,749.80	4,174,026.50	0.00	0.00	Property Grid
548,849.80	4,174,126.50	78.85	400.26	Property Grid
548,949.80	4,174,126.50	77.41	400.26	Property Grid
549,049.80	4,174,126.50	77.01	400.26	Property Grid
549,149.80	4,174,126.50	82.29	400.26	Property Grid
549,249.80	4,174,126.50	83.75	400.26	Property Grid
549,349.80	4,174,126.50	82.97	400.26	Property Grid
549,449.80	4,174,126.50	80.76	400.26	Property Grid
549,549.80	4,174,126.50	78.76	400.26	Property Grid
549,649.80	4,174,126.50	77.29	400.26	Property Grid
549,749.80	4,174,126.50	77.48	400.26	Property Grid
549,849.80	4,174,126.50	78.92	400.26	Property Grid
549,949.80	4,174,126.50	79.11	400.26	Property Grid
550,049.80	4,174,126.50	77.59	400.26	Property Grid
550,149.80	4,174,126.50	75.58	400.26	Property Grid
550,249.80	4,174,126.50	71.94	400.26	Property Grid
550,349.80	4,174,126.50	71.23	400.26	Property Grid
550,449.80	4,174,126.50	69.55	400.26	Property Grid
550,549.80	4,174,126.50	79.92	400.26	Property Grid
550,649.80	4,174,126.50	88.15	400.26	Property Grid
550,749.80	4,174,126.50	78.07	400.26	Property Grid
550,849.80	4,174,126.50	64.95	400.26	Property Grid
550,949.80	4,174,126.50	58.01	400.26	Property Grid
551,049.80	4,174,126.50	49.15	400.26	Property Grid
551,149.80	4,174,126.50	43.80	400.26	Property Grid
551,249.80	4,174,126.50	40.52	400.26	Property Grid
551,349.80	4,174,126.50	36.83	400.26	Property Grid
551,449.80	4,174,126.50	34.60	400.26	Property Grid
551,549.80	4,174,126.50	33.62	400.26	Property Grid
551,649.80	4,174,126.50	32.89	400.26	Property Grid
551,749.80	4,174,126.50	30.57	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,849.80	4,174,126.50	28.90	400.26	Property Grid
551,949.80	4,174,126.50	27.63	400.26	Property Grid
552,049.80	4,174,126.50	26.91	400.26	Property Grid
552,149.80	4,174,126.50	26.45	400.26	Property Grid
552,249.80	4,174,126.50	25.52	135.75	Property Grid
552,349.80	4,174,126.50	22.60	135.75	Property Grid
552,449.80	4,174,126.50	22.32	135.75	Property Grid
552,549.80	4,174,126.50	22.28	128.82	Property Grid
552,649.80	4,174,126.50	27.71	128.82	Property Grid
552,749.80	4,174,126.50	24.54	128.82	Property Grid
552,849.80	4,174,126.50	23.98	128.82	Property Grid
552,949.80	4,174,126.50	27.77	128.82	Property Grid
553,049.80	4,174,126.50	32.31	128.82	Property Grid
553,149.80	4,174,126.50	25.38	128.82	Property Grid
553,249.80	4,174,126.50	27.37	128.82	Property Grid
553,349.80	4,174,126.50	33.14	128.82	Property Grid
553,449.80	4,174,126.50	45.42	128.82	Property Grid
553,549.80	4,174,126.50	49.73	128.82	Property Grid
553,649.80	4,174,126.50	68.07	128.82	Property Grid
553,749.80	4,174,126.50	88.78	128.82	Property Grid
553,849.80	4,174,126.50	86.10	128.82	Property Grid
553,949.80	4,174,126.50	63.22	128.82	Property Grid
554,049.80	4,174,126.50	46.47	128.82	Property Grid
554,149.80	4,174,126.50	31.10	128.82	Property Grid
554,249.80	4,174,126.50	4.51	128.82	Property Grid
554,349.80	4,174,126.50	4.96	128.82	Property Grid
554,449.80	4,174,126.50	3.61	128.82	Property Grid
554,549.80	4,174,126.50	5.35	128.82	Property Grid
554,649.80	4,174,126.50	1.41	128.82	Property Grid
554,749.80	4,174,126.50	0.00	128.82	Property Grid
554,849.80	4,174,126.50	0.00	128.82	Property Grid
554,949.80	4,174,126.50	0.00	0.00	Property Grid
555,049.80	4,174,126.50	0.00	0.00	Property Grid
555,149.80	4,174,126.50	0.00	0.00	Property Grid
555,249.80	4,174,126.50	0.00	0.00	Property Grid
555,349.80	4,174,126.50	0.00	0.00	Property Grid
555,449.80	4,174,126.50	0.00	0.00	Property Grid
555,549.80	4,174,126.50	0.00	0.00	Property Grid
555,649.80	4,174,126.50	0.00	0.00	Property Grid
555,749.80	4,174,126.50	0.00	0.00	Property Grid
548,849.80	4,174,226.50	74.41	400.26	Property Grid
548,949.80	4,174,226.50	73.47	400.26	Property Grid
549,049.80	4,174,226.50	74.74	400.26	Property Grid
549,149.80	4,174,226.50	76.98	400.26	Property Grid
549,249.80	4,174,226.50	75.75	400.26	Property Grid
549,349.80	4,174,226.50	74.92	400.26	Property Grid
549,449.80	4,174,226.50	74.08	400.26	Property Grid
549,549.80	4,174,226.50	72.84	400.26	Property Grid
549,649.80	4,174,226.50	71.35	400.26	Property Grid
549,749.80	4,174,226.50	71.43	400.26	Property Grid
549,849.80	4,174,226.50	74.15	400.26	Property Grid
549,949.80	4,174,226.50	75.65	400.26	Property Grid
550,049.80	4,174,226.50	74.67	400.26	Property Grid
550,149.80	4,174,226.50	73.57	400.26	Property Grid
550,249.80	4,174,226.50	73.71	400.26	Property Grid
550,349.80	4,174,226.50	74.07	400.26	Property Grid
550,449.80	4,174,226.50	74.29	400.26	Property Grid
550,549.80	4,174,226.50	86.44	400.26	Property Grid
550,649.80	4,174,226.50	88.34	400.26	Property Grid
550,749.80	4,174,226.50	74.21	400.26	Property Grid
550,849.80	4,174,226.50	62.30	400.26	Property Grid
550,949.80	4,174,226.50	55.72	400.26	Property Grid
551,049.80	4,174,226.50	51.74	400.26	Property Grid
551,149.80	4,174,226.50	48.23	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,249.80	4,174,226.50	45.80	400.26	Property Grid
551,349.80	4,174,226.50	43.19	400.26	Property Grid
551,449.80	4,174,226.50	40.71	400.26	Property Grid
551,549.80	4,174,226.50	39.67	400.26	Property Grid
551,649.80	4,174,226.50	39.52	400.26	Property Grid
551,749.80	4,174,226.50	39.10	400.26	Property Grid
551,849.80	4,174,226.50	37.13	400.26	Property Grid
551,949.80	4,174,226.50	39.78	251.91	Property Grid
552,049.80	4,174,226.50	38.77	150.40	Property Grid
552,149.80	4,174,226.50	32.90	150.40	Property Grid
552,249.80	4,174,226.50	30.24	135.75	Property Grid
552,349.80	4,174,226.50	28.51	135.75	Property Grid
552,449.80	4,174,226.50	30.47	135.75	Property Grid
552,549.80	4,174,226.50	36.80	126.88	Property Grid
552,649.80	4,174,226.50	46.23	119.25	Property Grid
552,749.80	4,174,226.50	30.72	128.82	Property Grid
552,849.80	4,174,226.50	31.77	128.82	Property Grid
552,949.80	4,174,226.50	38.90	128.82	Property Grid
553,049.80	4,174,226.50	47.27	128.82	Property Grid
553,149.80	4,174,226.50	31.25	128.82	Property Grid
553,249.80	4,174,226.50	46.73	128.82	Property Grid
553,349.80	4,174,226.50	61.64	128.82	Property Grid
553,449.80	4,174,226.50	70.96	128.82	Property Grid
553,549.80	4,174,226.50	83.45	128.82	Property Grid
553,649.80	4,174,226.50	100.22	128.82	Property Grid
553,749.80	4,174,226.50	110.90	128.64	Property Grid
553,849.80	4,174,226.50	84.35	128.82	Property Grid
553,949.80	4,174,226.50	61.69	128.82	Property Grid
554,049.80	4,174,226.50	30.61	128.82	Property Grid
554,149.80	4,174,226.50	16.77	128.82	Property Grid
554,249.80	4,174,226.50	4.50	128.82	Property Grid
554,349.80	4,174,226.50	5.34	128.82	Property Grid
554,449.80	4,174,226.50	2.83	128.82	Property Grid
554,549.80	4,174,226.50	1.59	128.82	Property Grid
554,649.80	4,174,226.50	1.23	128.82	Property Grid
554,749.80	4,174,226.50	0.00	128.82	Property Grid
554,849.80	4,174,226.50	0.00	128.82	Property Grid
554,949.80	4,174,226.50	0.00	0.00	Property Grid
555,049.80	4,174,226.50	0.00	0.00	Property Grid
555,149.80	4,174,226.50	0.00	0.00	Property Grid
555,249.80	4,174,226.50	0.00	0.00	Property Grid
555,349.80	4,174,226.50	0.00	0.00	Property Grid
555,449.80	4,174,226.50	0.00	0.00	Property Grid
555,549.80	4,174,226.50	0.00	0.00	Property Grid
555,649.80	4,174,226.50	0.00	0.00	Property Grid
555,749.80	4,174,226.50	0.00	0.00	Property Grid
555,849.80	4,174,226.50	0.00	0.00	Property Grid
548,949.80	4,174,326.50	68.40	400.26	Property Grid
549,049.80	4,174,326.50	71.03	400.26	Property Grid
549,149.80	4,174,326.50	70.96	400.26	Property Grid
549,249.80	4,174,326.50	70.96	400.26	Property Grid
549,349.80	4,174,326.50	69.87	400.26	Property Grid
549,449.80	4,174,326.50	68.44	400.26	Property Grid
549,549.80	4,174,326.50	68.26	400.26	Property Grid
549,649.80	4,174,326.50	67.69	400.26	Property Grid
549,749.80	4,174,326.50	69.12	400.26	Property Grid
549,849.80	4,174,326.50	71.11	400.26	Property Grid
549,949.80	4,174,326.50	72.90	400.26	Property Grid
550,049.80	4,174,326.50	74.24	400.26	Property Grid
550,149.80	4,174,326.50	75.89	400.26	Property Grid
550,249.80	4,174,326.50	76.78	400.26	Property Grid
550,349.80	4,174,326.50	77.20	400.26	Property Grid
550,449.80	4,174,326.50	78.47	400.26	Property Grid
550,549.80	4,174,326.50	84.78	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,649.80	4,174,326.50	78.68	400.26	Property Grid
550,749.80	4,174,326.50	73.12	400.26	Property Grid
550,849.80	4,174,326.50	63.62	400.26	Property Grid
550,949.80	4,174,326.50	62.85	400.26	Property Grid
551,049.80	4,174,326.50	58.02	400.26	Property Grid
551,149.80	4,174,326.50	56.56	400.26	Property Grid
551,249.80	4,174,326.50	52.71	400.26	Property Grid
551,349.80	4,174,326.50	50.79	400.26	Property Grid
551,449.80	4,174,326.50	51.46	400.26	Property Grid
551,549.80	4,174,326.50	50.67	261.36	Property Grid
551,649.80	4,174,326.50	48.50	261.36	Property Grid
551,749.80	4,174,326.50	54.28	162.53	Property Grid
551,849.80	4,174,326.50	60.74	150.40	Property Grid
551,949.80	4,174,326.50	54.42	150.40	Property Grid
552,049.80	4,174,326.50	45.18	150.40	Property Grid
552,149.80	4,174,326.50	38.77	150.40	Property Grid
552,249.80	4,174,326.50	34.64	135.75	Property Grid
552,349.80	4,174,326.50	32.19	135.75	Property Grid
552,449.80	4,174,326.50	39.41	126.88	Property Grid
552,549.80	4,174,326.50	54.91	126.88	Property Grid
552,649.80	4,174,326.50	52.08	112.33	Property Grid
552,749.80	4,174,326.50	43.19	128.82	Property Grid
552,849.80	4,174,326.50	44.96	128.82	Property Grid
552,949.80	4,174,326.50	41.90	128.82	Property Grid
553,049.80	4,174,326.50	47.17	128.82	Property Grid
553,149.80	4,174,326.50	52.85	128.82	Property Grid
553,249.80	4,174,326.50	74.43	128.82	Property Grid
553,349.80	4,174,326.50	88.58	128.82	Property Grid
553,449.80	4,174,326.50	106.31	128.82	Property Grid
553,549.80	4,174,326.50	124.63	128.49	Property Grid
553,649.80	4,174,326.50	123.29	128.64	Property Grid
553,749.80	4,174,326.50	98.04	128.82	Property Grid
553,849.80	4,174,326.50	57.39	128.82	Property Grid
553,949.80	4,174,326.50	32.92	128.82	Property Grid
554,049.80	4,174,326.50	11.94	128.82	Property Grid
554,149.80	4,174,326.50	6.43	128.82	Property Grid
554,249.80	4,174,326.50	6.17	128.82	Property Grid
554,349.80	4,174,326.50	4.51	128.82	Property Grid
554,449.80	4,174,326.50	3.09	128.82	Property Grid
554,549.80	4,174,326.50	2.96	128.82	Property Grid
554,649.80	4,174,326.50	1.32	128.82	Property Grid
554,749.80	4,174,326.50	0.00	128.82	Property Grid
554,849.80	4,174,326.50	0.00	128.82	Property Grid
554,949.80	4,174,326.50	0.00	0.00	Property Grid
555,049.80	4,174,326.50	0.00	0.00	Property Grid
555,149.80	4,174,326.50	0.00	0.00	Property Grid
555,249.80	4,174,326.50	0.00	0.00	Property Grid
555,349.80	4,174,326.50	0.00	0.00	Property Grid
555,449.80	4,174,326.50	0.00	0.00	Property Grid
555,549.80	4,174,326.50	0.00	0.00	Property Grid
555,649.80	4,174,326.50	0.00	0.00	Property Grid
555,749.80	4,174,326.50	0.00	0.00	Property Grid
555,849.80	4,174,326.50	0.00	0.00	Property Grid
548,949.80	4,174,426.50	64.60	400.26	Property Grid
549,049.80	4,174,426.50	67.25	400.26	Property Grid
549,149.80	4,174,426.50	67.32	400.26	Property Grid
549,249.80	4,174,426.50	67.27	400.26	Property Grid
549,349.80	4,174,426.50	66.89	400.26	Property Grid
549,449.80	4,174,426.50	66.11	400.26	Property Grid
549,549.80	4,174,426.50	65.80	400.26	Property Grid
549,649.80	4,174,426.50	66.72	400.26	Property Grid
549,749.80	4,174,426.50	68.94	400.26	Property Grid
549,849.80	4,174,426.50	71.57	400.26	Property Grid
549,949.80	4,174,426.50	74.50	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,049.80	4,174,426.50	76.04	400.26	Property Grid
550,149.80	4,174,426.50	78.01	400.26	Property Grid
550,249.80	4,174,426.50	78.39	400.26	Property Grid
550,349.80	4,174,426.50	79.99	400.26	Property Grid
550,449.80	4,174,426.50	83.15	261.36	Property Grid
550,549.80	4,174,426.50	96.65	261.36	Property Grid
550,649.80	4,174,426.50	103.06	253.07	Property Grid
550,749.80	4,174,426.50	84.39	261.36	Property Grid
550,849.80	4,174,426.50	72.18	261.36	Property Grid
550,949.80	4,174,426.50	69.59	261.36	Property Grid
551,049.80	4,174,426.50	67.51	261.36	Property Grid
551,149.80	4,174,426.50	64.34	261.36	Property Grid
551,249.80	4,174,426.50	62.26	261.36	Property Grid
551,349.80	4,174,426.50	60.37	261.36	Property Grid
551,449.80	4,174,426.50	64.31	251.91	Property Grid
551,549.80	4,174,426.50	60.28	162.53	Property Grid
551,649.80	4,174,426.50	62.86	162.53	Property Grid
551,749.80	4,174,426.50	66.29	162.53	Property Grid
551,849.80	4,174,426.50	77.57	135.75	Property Grid
551,949.80	4,174,426.50	59.33	150.40	Property Grid
552,049.80	4,174,426.50	50.35	150.40	Property Grid
552,149.80	4,174,426.50	46.13	135.75	Property Grid
552,249.80	4,174,426.50	42.72	135.75	Property Grid
552,349.80	4,174,426.50	40.80	135.75	Property Grid
552,449.80	4,174,426.50	58.81	126.88	Property Grid
552,549.80	4,174,426.50	71.60	111.55	Property Grid
552,649.80	4,174,426.50	72.04	79.95	Property Grid
552,749.80	4,174,426.50	63.25	111.55	Property Grid
552,849.80	4,174,426.50	58.61	127.44	Property Grid
552,949.80	4,174,426.50	51.91	128.82	Property Grid
553,049.80	4,174,426.50	43.95	128.82	Property Grid
553,149.80	4,174,426.50	75.20	128.82	Property Grid
553,249.80	4,174,426.50	105.51	122.38	Property Grid
553,349.80	4,174,426.50	119.21	119.21	Property Grid
553,449.80	4,174,426.50	115.61	127.44	Property Grid
553,549.80	4,174,426.50	104.34	128.82	Property Grid
553,649.80	4,174,426.50	99.67	128.82	Property Grid
553,749.80	4,174,426.50	67.36	128.82	Property Grid
553,849.80	4,174,426.50	42.02	128.82	Property Grid
553,949.80	4,174,426.50	12.31	128.82	Property Grid
554,049.80	4,174,426.50	6.48	128.82	Property Grid
554,149.80	4,174,426.50	4.92	128.82	Property Grid
554,249.80	4,174,426.50	5.10	128.82	Property Grid
554,349.80	4,174,426.50	5.98	128.82	Property Grid
554,449.80	4,174,426.50	4.90	128.82	Property Grid
554,549.80	4,174,426.50	3.09	128.82	Property Grid
554,649.80	4,174,426.50	2.85	128.82	Property Grid
554,749.80	4,174,426.50	-0.01	128.82	Property Grid
554,849.80	4,174,426.50	-0.23	128.82	Property Grid
554,949.80	4,174,426.50	-0.33	-0.33	Property Grid
555,049.80	4,174,426.50	0.00	0.00	Property Grid
555,149.80	4,174,426.50	0.00	0.00	Property Grid
555,249.80	4,174,426.50	0.00	0.00	Property Grid
555,349.80	4,174,426.50	0.00	0.00	Property Grid
555,449.80	4,174,426.50	0.00	0.00	Property Grid
555,549.80	4,174,426.50	0.00	0.00	Property Grid
555,649.80	4,174,426.50	0.00	0.00	Property Grid
555,749.80	4,174,426.50	0.00	0.00	Property Grid
555,849.80	4,174,426.50	0.00	0.00	Property Grid
555,949.80	4,174,426.50	0.00	0.00	Property Grid
549,049.80	4,174,526.50	63.84	400.26	Property Grid
549,149.80	4,174,526.50	64.35	400.26	Property Grid
549,249.80	4,174,526.50	63.96	400.26	Property Grid
549,349.80	4,174,526.50	62.76	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,449.80	4,174,526.50	63.28	400.26	Property Grid
549,549.80	4,174,526.50	68.18	400.26	Property Grid
549,649.80	4,174,526.50	73.89	400.26	Property Grid
549,749.80	4,174,526.50	73.20	400.26	Property Grid
549,849.80	4,174,526.50	74.99	400.26	Property Grid
549,949.80	4,174,526.50	76.96	400.26	Property Grid
550,049.80	4,174,526.50	78.80	261.36	Property Grid
550,149.80	4,174,526.50	80.44	261.36	Property Grid
550,249.80	4,174,526.50	82.88	261.36	Property Grid
550,349.80	4,174,526.50	89.80	261.36	Property Grid
550,449.80	4,174,526.50	101.99	244.71	Property Grid
550,549.80	4,174,526.50	114.00	117.62	Property Grid
550,649.80	4,174,526.50	111.69	162.53	Property Grid
550,749.80	4,174,526.50	100.26	162.53	Property Grid
550,849.80	4,174,526.50	92.32	244.71	Property Grid
550,949.80	4,174,526.50	84.58	251.91	Property Grid
551,049.80	4,174,526.50	82.67	244.71	Property Grid
551,149.80	4,174,526.50	78.25	162.53	Property Grid
551,249.80	4,174,526.50	81.35	162.53	Property Grid
551,349.80	4,174,526.50	72.60	162.53	Property Grid
551,449.80	4,174,526.50	82.08	162.53	Property Grid
551,549.80	4,174,526.50	75.29	162.53	Property Grid
551,649.80	4,174,526.50	77.27	162.53	Property Grid
551,749.80	4,174,526.50	76.41	162.53	Property Grid
551,849.80	4,174,526.50	83.84	135.75	Property Grid
551,949.80	4,174,526.50	65.61	150.40	Property Grid
552,049.80	4,174,526.50	59.06	135.75	Property Grid
552,149.80	4,174,526.50	60.89	135.75	Property Grid
552,249.80	4,174,526.50	55.74	135.75	Property Grid
552,349.80	4,174,526.50	53.47	126.88	Property Grid
552,449.80	4,174,526.50	59.75	126.88	Property Grid
552,549.80	4,174,526.50	68.14	112.33	Property Grid
552,649.80	4,174,526.50	73.78	112.33	Property Grid
552,749.80	4,174,526.50	67.37	112.33	Property Grid
552,849.80	4,174,526.50	58.63	127.44	Property Grid
552,949.80	4,174,526.50	44.43	128.82	Property Grid
553,049.80	4,174,526.50	53.56	128.82	Property Grid
553,149.80	4,174,526.50	90.68	123.84	Property Grid
553,249.80	4,174,526.50	89.43	128.82	Property Grid
553,349.80	4,174,526.50	110.03	122.38	Property Grid
553,449.80	4,174,526.50	88.21	128.82	Property Grid
553,549.80	4,174,526.50	73.65	128.82	Property Grid
553,649.80	4,174,526.50	78.95	128.82	Property Grid
553,749.80	4,174,526.50	45.56	128.82	Property Grid
553,849.80	4,174,526.50	26.03	128.82	Property Grid
553,949.80	4,174,526.50	6.88	128.82	Property Grid
554,049.80	4,174,526.50	5.59	128.82	Property Grid
554,149.80	4,174,526.50	4.81	128.82	Property Grid
554,249.80	4,174,526.50	4.81	128.82	Property Grid
554,349.80	4,174,526.50	5.92	128.82	Property Grid
554,449.80	4,174,526.50	3.72	128.82	Property Grid
554,549.80	4,174,526.50	4.55	128.82	Property Grid
554,649.80	4,174,526.50	3.32	128.82	Property Grid
554,749.80	4,174,526.50	0.87	128.82	Property Grid
554,849.80	4,174,526.50	-0.47	128.82	Property Grid
554,949.80	4,174,526.50	-0.48	-0.48	Property Grid
555,049.80	4,174,526.50	0.00	0.00	Property Grid
555,149.80	4,174,526.50	0.00	0.00	Property Grid
555,249.80	4,174,526.50	0.00	0.00	Property Grid
555,349.80	4,174,526.50	0.00	0.00	Property Grid
555,449.80	4,174,526.50	0.00	0.00	Property Grid
555,549.80	4,174,526.50	0.00	0.00	Property Grid
555,649.80	4,174,526.50	0.00	0.00	Property Grid
555,749.80	4,174,526.50	0.00	0.00	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
555,849.80	4,174,526.50	1.63	1.63	Property Grid
555,949.80	4,174,526.50	1.29	1.29	Property Grid
549,049.80	4,174,626.50	60.56	400.26	Property Grid
549,149.80	4,174,626.50	61.85	400.26	Property Grid
549,249.80	4,174,626.50	60.83	400.26	Property Grid
549,349.80	4,174,626.50	60.12	400.26	Property Grid
549,449.80	4,174,626.50	63.86	400.26	Property Grid
549,549.80	4,174,626.50	73.08	261.36	Property Grid
549,649.80	4,174,626.50	80.12	254.41	Property Grid
549,749.80	4,174,626.50	82.11	255.25	Property Grid
549,849.80	4,174,626.50	80.70	261.36	Property Grid
549,949.80	4,174,626.50	80.07	261.36	Property Grid
550,049.80	4,174,626.50	80.77	261.36	Property Grid
550,149.80	4,174,626.50	83.09	261.36	Property Grid
550,249.80	4,174,626.50	88.13	254.41	Property Grid
550,349.80	4,174,626.50	101.40	101.40	Property Grid
550,449.80	4,174,626.50	109.59	116.00	Property Grid
550,549.80	4,174,626.50	112.91	162.53	Property Grid
550,649.80	4,174,626.50	114.06	162.53	Property Grid
550,749.80	4,174,626.50	121.72	162.53	Property Grid
550,849.80	4,174,626.50	127.88	162.53	Property Grid
550,949.80	4,174,626.50	112.42	162.53	Property Grid
551,049.80	4,174,626.50	102.53	162.53	Property Grid
551,149.80	4,174,626.50	111.51	162.53	Property Grid
551,249.80	4,174,626.50	109.41	162.53	Property Grid
551,349.80	4,174,626.50	95.81	162.53	Property Grid
551,449.80	4,174,626.50	114.38	150.40	Property Grid
551,549.80	4,174,626.50	114.89	135.75	Property Grid
551,649.80	4,174,626.50	110.06	135.75	Property Grid
551,749.80	4,174,626.50	101.99	135.75	Property Grid
551,849.80	4,174,626.50	105.36	126.88	Property Grid
551,949.80	4,174,626.50	93.35	134.51	Property Grid
552,049.80	4,174,626.50	102.51	126.88	Property Grid
552,149.80	4,174,626.50	85.42	126.88	Property Grid
552,249.80	4,174,626.50	75.11	126.88	Property Grid
552,349.80	4,174,626.50	70.00	126.88	Property Grid
552,449.80	4,174,626.50	73.20	126.88	Property Grid
552,549.80	4,174,626.50	77.41	112.33	Property Grid
552,649.80	4,174,626.50	69.68	112.33	Property Grid
552,749.80	4,174,626.50	61.92	112.33	Property Grid
552,849.80	4,174,626.50	55.79	124.40	Property Grid
552,949.80	4,174,626.50	44.07	128.82	Property Grid
553,049.80	4,174,626.50	47.33	128.82	Property Grid
553,149.80	4,174,626.50	56.11	128.82	Property Grid
553,249.80	4,174,626.50	61.23	128.82	Property Grid
553,349.80	4,174,626.50	84.13	128.82	Property Grid
553,449.80	4,174,626.50	62.70	128.82	Property Grid
553,549.80	4,174,626.50	49.55	128.82	Property Grid
553,649.80	4,174,626.50	44.40	128.82	Property Grid
553,749.80	4,174,626.50	25.98	128.82	Property Grid
553,849.80	4,174,626.50	11.66	128.82	Property Grid
553,949.80	4,174,626.50	5.65	128.82	Property Grid
554,049.80	4,174,626.50	4.81	128.82	Property Grid
554,149.80	4,174,626.50	4.81	128.82	Property Grid
554,249.80	4,174,626.50	4.81	128.82	Property Grid
554,349.80	4,174,626.50	4.63	128.82	Property Grid
554,449.80	4,174,626.50	4.03	128.82	Property Grid
554,549.80	4,174,626.50	4.71	128.82	Property Grid
554,649.80	4,174,626.50	2.81	128.82	Property Grid
554,749.80	4,174,626.50	2.21	128.82	Property Grid
554,849.80	4,174,626.50	-0.26	128.64	Property Grid
554,949.80	4,174,626.50	0.00	0.00	Property Grid
555,049.80	4,174,626.50	0.00	0.00	Property Grid
555,149.80	4,174,626.50	0.00	0.00	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
555,249.80	4,174,626.50	0.00	0.00	Property Grid
555,349.80	4,174,626.50	0.00	0.00	Property Grid
555,449.80	4,174,626.50	0.00	0.00	Property Grid
555,549.80	4,174,626.50	0.00	0.00	Property Grid
555,649.80	4,174,626.50	0.00	0.00	Property Grid
555,749.80	4,174,626.50	0.32	0.32	Property Grid
555,849.80	4,174,626.50	2.35	2.35	Property Grid
555,949.80	4,174,626.50	2.34	2.34	Property Grid
549,049.80	4,174,726.50	54.10	245.35	Property Grid
549,149.80	4,174,726.50	56.35	245.35	Property Grid
549,249.80	4,174,726.50	57.28	254.41	Property Grid
549,349.80	4,174,726.50	57.90	258.97	Property Grid
549,449.80	4,174,726.50	60.93	259.60	Property Grid
549,549.80	4,174,726.50	68.75	254.41	Property Grid
549,649.80	4,174,726.50	76.56	245.17	Property Grid
549,749.80	4,174,726.50	92.16	92.16	Property Grid
549,849.80	4,174,726.50	89.98	93.83	Property Grid
549,949.80	4,174,726.50	84.31	245.17	Property Grid
550,049.80	4,174,726.50	81.44	251.91	Property Grid
550,149.80	4,174,726.50	84.75	244.71	Property Grid
550,249.80	4,174,726.50	90.15	102.63	Property Grid
550,349.80	4,174,726.50	98.34	162.53	Property Grid
550,449.80	4,174,726.50	103.04	162.53	Property Grid
550,549.80	4,174,726.50	106.02	162.53	Property Grid
550,649.80	4,174,726.50	115.45	162.53	Property Grid
550,749.80	4,174,726.50	128.51	162.53	Property Grid
550,849.80	4,174,726.50	136.86	162.53	Property Grid
550,949.80	4,174,726.50	141.34	162.53	Property Grid
551,049.80	4,174,726.50	136.93	162.53	Property Grid
551,149.80	4,174,726.50	147.19	150.40	Property Grid
551,249.80	4,174,726.50	130.79	162.53	Property Grid
551,349.80	4,174,726.50	124.36	150.40	Property Grid
551,449.80	4,174,726.50	130.12	131.24	Property Grid
551,549.80	4,174,726.50	123.18	135.75	Property Grid
551,649.80	4,174,726.50	116.28	135.75	Property Grid
551,749.80	4,174,726.50	114.36	134.51	Property Grid
551,849.80	4,174,726.50	119.31	119.31	Property Grid
551,949.80	4,174,726.50	125.19	125.19	Property Grid
552,049.80	4,174,726.50	111.03	126.88	Property Grid
552,149.80	4,174,726.50	94.16	126.88	Property Grid
552,249.80	4,174,726.50	81.78	126.88	Property Grid
552,349.80	4,174,726.50	79.38	126.88	Property Grid
552,449.80	4,174,726.50	82.58	117.48	Property Grid
552,549.80	4,174,726.50	93.01	112.33	Property Grid
552,649.80	4,174,726.50	85.37	112.33	Property Grid
552,749.80	4,174,726.50	66.25	112.33	Property Grid
552,849.80	4,174,726.50	52.20	124.40	Property Grid
552,949.80	4,174,726.50	42.14	128.82	Property Grid
553,049.80	4,174,726.50	39.38	128.82	Property Grid
553,149.80	4,174,726.50	43.96	128.82	Property Grid
553,249.80	4,174,726.50	46.97	128.82	Property Grid
553,349.80	4,174,726.50	53.49	128.82	Property Grid
553,449.80	4,174,726.50	43.28	128.82	Property Grid
553,549.80	4,174,726.50	31.21	128.82	Property Grid
553,649.80	4,174,726.50	25.99	128.82	Property Grid
553,749.80	4,174,726.50	14.06	128.82	Property Grid
553,849.80	4,174,726.50	4.90	128.82	Property Grid
553,949.80	4,174,726.50	4.94	128.82	Property Grid
554,049.80	4,174,726.50	5.26	128.82	Property Grid
554,149.80	4,174,726.50	4.81	128.82	Property Grid
554,249.80	4,174,726.50	5.59	128.82	Property Grid
554,349.80	4,174,726.50	4.65	128.82	Property Grid
554,449.80	4,174,726.50	4.73	128.82	Property Grid
554,549.80	4,174,726.50	5.01	128.82	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,649.80	4,174,726.50	1.79	128.82	Property Grid
554,749.80	4,174,726.50	0.00	128.82	Property Grid
554,849.80	4,174,726.50	0.00	128.50	Property Grid
554,949.80	4,174,726.50	0.00	0.00	Property Grid
555,049.80	4,174,726.50	0.00	0.00	Property Grid
555,149.80	4,174,726.50	0.00	0.00	Property Grid
555,249.80	4,174,726.50	0.00	0.00	Property Grid
555,349.80	4,174,726.50	0.00	0.00	Property Grid
555,449.80	4,174,726.50	0.00	0.00	Property Grid
555,549.80	4,174,726.50	2.01	2.01	Property Grid
555,649.80	4,174,726.50	2.02	2.02	Property Grid
555,749.80	4,174,726.50	2.36	2.36	Property Grid
555,849.80	4,174,726.50	2.67	2.67	Property Grid
555,949.80	4,174,726.50	2.62	2.62	Property Grid
556,049.80	4,174,726.50	2.08	2.08	Property Grid
549,149.80	4,174,826.50	53.63	245.35	Property Grid
549,249.80	4,174,826.50	54.22	245.35	Property Grid
549,349.80	4,174,826.50	54.57	251.91	Property Grid
549,449.80	4,174,826.50	55.88	254.41	Property Grid
549,549.80	4,174,826.50	63.50	245.26	Property Grid
549,649.80	4,174,826.50	73.17	245.17	Property Grid
549,749.80	4,174,826.50	83.00	94.69	Property Grid
549,849.80	4,174,826.50	82.57	94.69	Property Grid
549,949.80	4,174,826.50	79.60	86.72	Property Grid
550,049.80	4,174,826.50	78.64	78.64	Property Grid
550,149.80	4,174,826.50	82.84	155.71	Property Grid
550,249.80	4,174,826.50	87.00	162.53	Property Grid
550,349.80	4,174,826.50	90.96	162.53	Property Grid
550,449.80	4,174,826.50	98.80	162.53	Property Grid
550,549.80	4,174,826.50	105.31	162.53	Property Grid
550,649.80	4,174,826.50	113.28	162.53	Property Grid
550,749.80	4,174,826.50	120.34	162.53	Property Grid
550,849.80	4,174,826.50	136.21	162.53	Property Grid
550,949.80	4,174,826.50	155.49	162.53	Property Grid
551,049.80	4,174,826.50	149.58	162.53	Property Grid
551,149.80	4,174,826.50	134.71	162.53	Property Grid
551,249.80	4,174,826.50	122.73	162.53	Property Grid
551,349.80	4,174,826.50	116.66	162.53	Property Grid
551,449.80	4,174,826.50	111.41	162.53	Property Grid
551,549.80	4,174,826.50	105.46	150.40	Property Grid
551,649.80	4,174,826.50	104.87	135.75	Property Grid
551,749.80	4,174,826.50	109.57	135.75	Property Grid
551,849.80	4,174,826.50	113.88	122.72	Property Grid
551,949.80	4,174,826.50	117.07	125.12	Property Grid
552,049.80	4,174,826.50	118.31	124.59	Property Grid
552,149.80	4,174,826.50	114.35	116.17	Property Grid
552,249.80	4,174,826.50	96.58	126.88	Property Grid
552,349.80	4,174,826.50	92.11	117.48	Property Grid
552,449.80	4,174,826.50	105.02	112.33	Property Grid
552,549.80	4,174,826.50	107.27	111.55	Property Grid
552,649.80	4,174,826.50	86.31	112.33	Property Grid
552,749.80	4,174,826.50	68.29	112.33	Property Grid
552,849.80	4,174,826.50	48.06	124.40	Property Grid
552,949.80	4,174,826.50	37.95	128.82	Property Grid
553,049.80	4,174,826.50	28.99	128.82	Property Grid
553,149.80	4,174,826.50	31.25	128.82	Property Grid
553,249.80	4,174,826.50	35.20	128.82	Property Grid
553,349.80	4,174,826.50	30.83	128.82	Property Grid
553,449.80	4,174,826.50	25.54	128.82	Property Grid
553,549.80	4,174,826.50	21.11	128.82	Property Grid
553,649.80	4,174,826.50	15.58	128.82	Property Grid
553,749.80	4,174,826.50	10.80	128.82	Property Grid
553,849.80	4,174,826.50	6.30	128.82	Property Grid
553,949.80	4,174,826.50	6.32	128.82	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,049.80	4,174,826.50	5.87	128.82	Property Grid
554,149.80	4,174,826.50	7.19	128.82	Property Grid
554,249.80	4,174,826.50	6.31	128.82	Property Grid
554,349.80	4,174,826.50	3.80	128.82	Property Grid
554,449.80	4,174,826.50	3.49	128.82	Property Grid
554,549.80	4,174,826.50	0.08	128.82	Property Grid
554,649.80	4,174,826.50	0.00	128.82	Property Grid
554,749.80	4,174,826.50	0.00	128.82	Property Grid
554,849.80	4,174,826.50	0.00	0.00	Property Grid
554,949.80	4,174,826.50	0.00	0.00	Property Grid
555,049.80	4,174,826.50	0.00	0.00	Property Grid
555,149.80	4,174,826.50	1.31	1.31	Property Grid
555,249.80	4,174,826.50	1.81	1.81	Property Grid
555,349.80	4,174,826.50	1.30	1.30	Property Grid
555,449.80	4,174,826.50	2.06	2.06	Property Grid
555,549.80	4,174,826.50	2.51	2.51	Property Grid
555,649.80	4,174,826.50	2.59	2.59	Property Grid
555,749.80	4,174,826.50	2.86	2.86	Property Grid
555,849.80	4,174,826.50	3.16	3.16	Property Grid
555,949.80	4,174,826.50	2.65	2.65	Property Grid
556,049.80	4,174,826.50	1.72	1.72	Property Grid
549,249.80	4,174,926.50	51.96	281.86	Property Grid
549,349.80	4,174,926.50	52.43	245.35	Property Grid
549,449.80	4,174,926.50	52.06	245.35	Property Grid
549,549.80	4,174,926.50	55.51	245.26	Property Grid
549,649.80	4,174,926.50	63.06	245.17	Property Grid
549,749.80	4,174,926.50	67.69	94.69	Property Grid
549,849.80	4,174,926.50	69.02	94.69	Property Grid
549,949.80	4,174,926.50	72.97	86.02	Property Grid
550,049.80	4,174,926.50	76.58	155.71	Property Grid
550,149.80	4,174,926.50	80.63	155.71	Property Grid
550,249.80	4,174,926.50	84.36	162.53	Property Grid
550,349.80	4,174,926.50	91.48	162.53	Property Grid
550,449.80	4,174,926.50	96.76	162.53	Property Grid
550,549.80	4,174,926.50	103.43	162.53	Property Grid
550,649.80	4,174,926.50	111.96	162.53	Property Grid
550,749.80	4,174,926.50	123.39	162.53	Property Grid
550,849.80	4,174,926.50	141.43	162.53	Property Grid
550,949.80	4,174,926.50	146.04	162.53	Property Grid
551,049.80	4,174,926.50	143.08	162.53	Property Grid
551,149.80	4,174,926.50	136.86	162.53	Property Grid
551,249.80	4,174,926.50	115.60	162.53	Property Grid
551,349.80	4,174,926.50	95.26	162.53	Property Grid
551,449.80	4,174,926.50	88.50	162.53	Property Grid
551,549.80	4,174,926.50	89.01	162.53	Property Grid
551,649.80	4,174,926.50	96.06	150.40	Property Grid
551,749.80	4,174,926.50	101.38	135.75	Property Grid
551,849.80	4,174,926.50	104.82	110.67	Property Grid
551,949.80	4,174,926.50	106.38	126.88	Property Grid
552,049.80	4,174,926.50	105.77	125.60	Property Grid
552,149.80	4,174,926.50	104.74	124.59	Property Grid
552,249.80	4,174,926.50	103.57	103.57	Property Grid
552,349.80	4,174,926.50	101.98	112.27	Property Grid
552,449.80	4,174,926.50	94.00	112.33	Property Grid
552,549.80	4,174,926.50	85.79	112.33	Property Grid
552,649.80	4,174,926.50	76.33	112.33	Property Grid
552,749.80	4,174,926.50	63.74	112.33	Property Grid
552,849.80	4,174,926.50	43.54	123.84	Property Grid
552,949.80	4,174,926.50	34.77	128.82	Property Grid
553,049.80	4,174,926.50	23.33	128.82	Property Grid
553,149.80	4,174,926.50	22.69	128.82	Property Grid
553,249.80	4,174,926.50	23.19	128.82	Property Grid
553,349.80	4,174,926.50	21.22	128.82	Property Grid
553,449.80	4,174,926.50	17.39	128.82	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,549.80	4,174,926.50	16.52	128.82	Property Grid
553,649.80	4,174,926.50	10.57	128.82	Property Grid
553,749.80	4,174,926.50	9.02	128.82	Property Grid
553,849.80	4,174,926.50	11.82	128.82	Property Grid
553,949.80	4,174,926.50	20.29	128.82	Property Grid
554,049.80	4,174,926.50	11.87	128.82	Property Grid
554,149.80	4,174,926.50	5.15	128.82	Property Grid
554,249.80	4,174,926.50	4.83	128.82	Property Grid
554,349.80	4,174,926.50	4.18	128.82	Property Grid
554,449.80	4,174,926.50	0.00	128.82	Property Grid
554,549.80	4,174,926.50	0.00	128.82	Property Grid
554,649.80	4,174,926.50	0.00	128.82	Property Grid
554,749.80	4,174,926.50	0.00	128.64	Property Grid
554,849.80	4,174,926.50	0.00	0.00	Property Grid
554,949.80	4,174,926.50	0.00	0.00	Property Grid
555,049.80	4,174,926.50	0.00	0.00	Property Grid
555,149.80	4,174,926.50	2.17	2.17	Property Grid
555,249.80	4,174,926.50	2.47	2.47	Property Grid
555,349.80	4,174,926.50	2.67	2.67	Property Grid
555,449.80	4,174,926.50	2.65	2.65	Property Grid
555,549.80	4,174,926.50	2.94	2.94	Property Grid
555,649.80	4,174,926.50	3.08	3.08	Property Grid
555,749.80	4,174,926.50	3.26	3.26	Property Grid
555,849.80	4,174,926.50	3.36	3.36	Property Grid
555,949.80	4,174,926.50	2.88	2.88	Property Grid
556,049.80	4,174,926.50	2.22	2.22	Property Grid
549,249.80	4,175,026.50	49.69	281.86	Property Grid
549,349.80	4,175,026.50	50.06	281.86	Property Grid
549,449.80	4,175,026.50	50.43	281.86	Property Grid
549,549.80	4,175,026.50	52.48	245.17	Property Grid
549,649.80	4,175,026.50	56.95	94.69	Property Grid
549,749.80	4,175,026.50	63.17	94.69	Property Grid
549,849.80	4,175,026.50	66.84	93.72	Property Grid
549,949.80	4,175,026.50	70.99	155.71	Property Grid
550,049.80	4,175,026.50	74.90	155.71	Property Grid
550,149.80	4,175,026.50	78.99	155.71	Property Grid
550,249.80	4,175,026.50	84.10	162.53	Property Grid
550,349.80	4,175,026.50	90.47	162.53	Property Grid
550,449.80	4,175,026.50	96.78	162.53	Property Grid
550,549.80	4,175,026.50	103.70	162.53	Property Grid
550,649.80	4,175,026.50	115.97	162.53	Property Grid
550,749.80	4,175,026.50	137.25	145.93	Property Grid
550,849.80	4,175,026.50	139.17	162.53	Property Grid
550,949.80	4,175,026.50	130.99	162.53	Property Grid
551,049.80	4,175,026.50	124.59	162.53	Property Grid
551,149.80	4,175,026.50	124.17	162.53	Property Grid
551,249.80	4,175,026.50	110.15	162.53	Property Grid
551,349.80	4,175,026.50	96.79	162.53	Property Grid
551,449.80	4,175,026.50	84.20	162.53	Property Grid
551,549.80	4,175,026.50	76.45	162.53	Property Grid
551,649.80	4,175,026.50	76.61	162.53	Property Grid
551,749.80	4,175,026.50	78.38	162.53	Property Grid
551,849.80	4,175,026.50	84.18	135.75	Property Grid
551,949.80	4,175,026.50	85.85	126.88	Property Grid
552,049.80	4,175,026.50	87.37	126.88	Property Grid
552,149.80	4,175,026.50	86.81	126.88	Property Grid
552,249.80	4,175,026.50	86.98	125.60	Property Grid
552,349.80	4,175,026.50	85.59	117.48	Property Grid
552,449.80	4,175,026.50	74.62	124.59	Property Grid
552,549.80	4,175,026.50	65.33	124.59	Property Grid
552,649.80	4,175,026.50	59.08	117.48	Property Grid
552,749.80	4,175,026.50	52.69	112.33	Property Grid
552,849.80	4,175,026.50	38.62	122.38	Property Grid
552,949.80	4,175,026.50	32.76	128.82	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,049.80	4,175,026.50	19.09	128.82	Property Grid
553,249.80	4,175,026.50	14.17	128.82	Property Grid
553,349.80	4,175,026.50	12.49	128.82	Property Grid
553,449.80	4,175,026.50	8.86	128.82	Property Grid
553,549.80	4,175,026.50	8.33	128.82	Property Grid
553,649.80	4,175,026.50	6.24	128.82	Property Grid
553,749.80	4,175,026.50	6.40	128.82	Property Grid
553,849.80	4,175,026.50	8.47	128.82	Property Grid
553,949.80	4,175,026.50	19.34	128.82	Property Grid
554,049.80	4,175,026.50	16.82	128.82	Property Grid
554,149.80	4,175,026.50	5.47	128.82	Property Grid
554,249.80	4,175,026.50	5.64	128.82	Property Grid
554,349.80	4,175,026.50	1.41	128.82	Property Grid
554,449.80	4,175,026.50	2.29	128.82	Property Grid
554,549.80	4,175,026.50	0.00	128.82	Property Grid
554,649.80	4,175,026.50	0.00	128.82	Property Grid
554,749.80	4,175,026.50	0.00	0.00	Property Grid
554,849.80	4,175,026.50	0.00	0.00	Property Grid
554,949.80	4,175,026.50	0.00	0.00	Property Grid
555,049.80	4,175,026.50	2.33	2.33	Property Grid
555,149.80	4,175,026.50	2.58	2.58	Property Grid
555,249.80	4,175,026.50	2.83	2.83	Property Grid
555,349.80	4,175,026.50	3.08	3.08	Property Grid
555,449.80	4,175,026.50	3.30	3.30	Property Grid
555,549.80	4,175,026.50	3.57	3.57	Property Grid
555,649.80	4,175,026.50	3.56	3.56	Property Grid
555,749.80	4,175,026.50	3.57	3.57	Property Grid
555,849.80	4,175,026.50	3.81	3.81	Property Grid
555,949.80	4,175,026.50	3.06	3.06	Property Grid
556,049.80	4,175,026.50	2.65	2.65	Property Grid
549,349.80	4,175,126.50	47.89	281.86	Property Grid
549,449.80	4,175,126.50	48.29	281.86	Property Grid
549,549.80	4,175,126.50	50.47	281.86	Property Grid
549,649.80	4,175,126.50	53.64	94.16	Property Grid
549,749.80	4,175,126.50	59.61	59.61	Property Grid
549,849.80	4,175,126.50	64.87	155.71	Property Grid
549,949.80	4,175,126.50	69.34	155.71	Property Grid
550,049.80	4,175,126.50	74.20	155.71	Property Grid
550,149.80	4,175,126.50	78.59	155.71	Property Grid
550,249.80	4,175,126.50	83.57	162.53	Property Grid
550,349.80	4,175,126.50	90.62	162.53	Property Grid
550,449.80	4,175,126.50	99.45	162.53	Property Grid
550,549.80	4,175,126.50	107.88	162.53	Property Grid
550,649.80	4,175,126.50	121.64	155.71	Property Grid
550,749.80	4,175,126.50	132.91	155.71	Property Grid
550,849.80	4,175,126.50	138.56	144.63	Property Grid
550,949.80	4,175,126.50	125.07	162.53	Property Grid
551,049.80	4,175,126.50	104.74	162.53	Property Grid
551,149.80	4,175,126.50	95.84	162.53	Property Grid
551,249.80	4,175,126.50	90.04	162.53	Property Grid
551,349.80	4,175,126.50	86.60	162.53	Property Grid
551,449.80	4,175,126.50	80.98	162.53	Property Grid
551,549.80	4,175,126.50	71.22	162.53	Property Grid
551,649.80	4,175,126.50	63.73	162.53	Property Grid
551,749.80	4,175,126.50	57.89	162.53	Property Grid
551,849.80	4,175,126.50	57.16	162.53	Property Grid
551,949.80	4,175,126.50	57.87	162.53	Property Grid
552,049.80	4,175,126.50	59.03	135.75	Property Grid
552,149.80	4,175,126.50	63.93	126.88	Property Grid
552,249.80	4,175,126.50	78.27	125.99	Property Grid
552,349.80	4,175,126.50	80.34	115.57	Property Grid
552,449.80	4,175,126.50	64.14	126.88	Property Grid
552,549.80	4,175,126.50	47.00	126.88	Property Grid
552,649.80	4,175,126.50	41.05	126.88	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,749.80	4,175,126.50	36.72	126.88	Property Grid
553,549.80	4,175,126.50	5.16	128.82	Property Grid
553,649.80	4,175,126.50	5.51	128.82	Property Grid
553,749.80	4,175,126.50	4.12	128.82	Property Grid
553,849.80	4,175,126.50	3.76	128.82	Property Grid
553,949.80	4,175,126.50	7.68	128.82	Property Grid
554,049.80	4,175,126.50	6.03	128.82	Property Grid
554,149.80	4,175,126.50	4.69	128.82	Property Grid
554,249.80	4,175,126.50	5.24	128.82	Property Grid
554,349.80	4,175,126.50	4.63	128.82	Property Grid
554,449.80	4,175,126.50	0.00	128.82	Property Grid
554,549.80	4,175,126.50	2.97	128.82	Property Grid
554,649.80	4,175,126.50	0.00	0.00	Property Grid
554,749.80	4,175,126.50	0.00	0.00	Property Grid
554,849.80	4,175,126.50	0.00	0.00	Property Grid
554,949.80	4,175,126.50	0.53	0.53	Property Grid
555,049.80	4,175,126.50	2.12	2.12	Property Grid
555,149.80	4,175,126.50	3.13	3.13	Property Grid
555,249.80	4,175,126.50	3.12	3.12	Property Grid
555,349.80	4,175,126.50	3.78	3.78	Property Grid
555,449.80	4,175,126.50	3.74	3.74	Property Grid
555,549.80	4,175,126.50	3.96	3.96	Property Grid
555,649.80	4,175,126.50	3.95	3.95	Property Grid
555,749.80	4,175,126.50	4.23	4.23	Property Grid
555,849.80	4,175,126.50	4.04	4.04	Property Grid
555,949.80	4,175,126.50	3.26	3.26	Property Grid
556,049.80	4,175,126.50	2.07	2.07	Property Grid
549,449.80	4,175,226.50	46.21	281.86	Property Grid
549,549.80	4,175,226.50	48.23	281.86	Property Grid
549,649.80	4,175,226.50	51.73	281.86	Property Grid
549,749.80	4,175,226.50	55.80	155.71	Property Grid
549,849.80	4,175,226.50	61.86	155.71	Property Grid
549,949.80	4,175,226.50	68.70	155.71	Property Grid
550,049.80	4,175,226.50	73.02	155.71	Property Grid
550,149.80	4,175,226.50	77.09	155.71	Property Grid
550,249.80	4,175,226.50	82.15	155.71	Property Grid
550,349.80	4,175,226.50	92.51	155.71	Property Grid
550,449.80	4,175,226.50	101.95	155.71	Property Grid
550,549.80	4,175,226.50	120.89	155.71	Property Grid
550,649.80	4,175,226.50	140.22	155.71	Property Grid
550,749.80	4,175,226.50	150.62	155.71	Property Grid
550,849.80	4,175,226.50	140.11	155.71	Property Grid
550,949.80	4,175,226.50	125.72	155.71	Property Grid
551,049.80	4,175,226.50	104.71	162.53	Property Grid
551,149.80	4,175,226.50	90.82	162.53	Property Grid
551,249.80	4,175,226.50	77.93	162.53	Property Grid
551,349.80	4,175,226.50	69.74	162.53	Property Grid
551,449.80	4,175,226.50	63.66	162.53	Property Grid
551,549.80	4,175,226.50	60.38	162.53	Property Grid
551,649.80	4,175,226.50	56.93	162.53	Property Grid
551,749.80	4,175,226.50	52.75	162.53	Property Grid
551,849.80	4,175,226.50	46.00	162.53	Property Grid
551,949.80	4,175,226.50	41.86	162.53	Property Grid
552,049.80	4,175,226.50	40.42	162.53	Property Grid
552,149.80	4,175,226.50	46.09	135.75	Property Grid
552,249.80	4,175,226.50	72.54	124.80	Property Grid
552,349.80	4,175,226.50	83.13	91.22	Property Grid
552,449.80	4,175,226.50	65.31	115.57	Property Grid
552,549.80	4,175,226.50	43.43	126.88	Property Grid
552,649.80	4,175,226.50	30.20	126.88	Property Grid
553,649.80	4,175,226.50	3.84	128.82	Property Grid
553,749.80	4,175,226.50	3.02	128.82	Property Grid
553,849.80	4,175,226.50	2.98	128.82	Property Grid
553,949.80	4,175,226.50	3.78	128.82	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,049.80	4,175,226.50	3.09	128.82	Property Grid
554,149.80	4,175,226.50	3.34	128.82	Property Grid
554,249.80	4,175,226.50	2.62	128.82	Property Grid
554,349.80	4,175,226.50	2.06	128.82	Property Grid
554,449.80	4,175,226.50	5.49	128.64	Property Grid
554,549.80	4,175,226.50	4.11	4.11	Property Grid
554,649.80	4,175,226.50	0.00	0.00	Property Grid
554,749.80	4,175,226.50	0.00	0.00	Property Grid
554,849.80	4,175,226.50	0.00	0.00	Property Grid
554,949.80	4,175,226.50	1.20	1.20	Property Grid
555,049.80	4,175,226.50	3.43	3.43	Property Grid
555,149.80	4,175,226.50	3.71	3.71	Property Grid
555,249.80	4,175,226.50	3.51	3.51	Property Grid
555,349.80	4,175,226.50	4.20	4.20	Property Grid
555,449.80	4,175,226.50	4.50	4.50	Property Grid
555,549.80	4,175,226.50	4.62	4.62	Property Grid
555,649.80	4,175,226.50	4.91	4.91	Property Grid
555,749.80	4,175,226.50	4.71	4.71	Property Grid
555,849.80	4,175,226.50	4.85	4.85	Property Grid
555,949.80	4,175,226.50	3.35	3.35	Property Grid
556,049.80	4,175,226.50	2.07	2.07	Property Grid
549,449.80	4,175,326.50	45.02	281.86	Property Grid
549,549.80	4,175,326.50	46.67	281.86	Property Grid
549,649.80	4,175,326.50	50.08	281.86	Property Grid
549,749.80	4,175,326.50	53.41	281.86	Property Grid
549,849.80	4,175,326.50	58.89	155.71	Property Grid
549,949.80	4,175,326.50	64.47	155.71	Property Grid
550,049.80	4,175,326.50	70.88	155.71	Property Grid
550,149.80	4,175,326.50	75.19	155.71	Property Grid
550,249.80	4,175,326.50	80.93	155.71	Property Grid
550,349.80	4,175,326.50	88.84	155.71	Property Grid
550,449.80	4,175,326.50	100.05	155.71	Property Grid
550,549.80	4,175,326.50	120.66	155.71	Property Grid
550,649.80	4,175,326.50	131.81	155.71	Property Grid
550,749.80	4,175,326.50	143.71	155.71	Property Grid
550,849.80	4,175,326.50	132.55	155.71	Property Grid
550,949.80	4,175,326.50	126.98	155.71	Property Grid
551,049.80	4,175,326.50	108.72	162.53	Property Grid
551,149.80	4,175,326.50	90.76	162.53	Property Grid
551,249.80	4,175,326.50	77.10	162.53	Property Grid
551,349.80	4,175,326.50	69.48	162.53	Property Grid
551,449.80	4,175,326.50	60.77	162.53	Property Grid
551,549.80	4,175,326.50	58.46	162.53	Property Grid
551,649.80	4,175,326.50	54.36	162.53	Property Grid
551,749.80	4,175,326.50	54.44	162.53	Property Grid
551,849.80	4,175,326.50	55.71	162.53	Property Grid
551,949.80	4,175,326.50	50.92	162.53	Property Grid
552,049.80	4,175,326.50	36.28	162.53	Property Grid
552,149.80	4,175,326.50	33.74	162.53	Property Grid
552,249.80	4,175,326.50	34.63	135.75	Property Grid
552,349.80	4,175,326.50	40.05	126.88	Property Grid
552,449.80	4,175,326.50	38.58	126.88	Property Grid
552,549.80	4,175,326.50	31.91	126.88	Property Grid
553,649.80	4,175,326.50	2.98	128.82	Property Grid
553,749.80	4,175,326.50	2.98	128.82	Property Grid
553,849.80	4,175,326.50	2.98	128.82	Property Grid
553,949.80	4,175,326.50	2.98	128.82	Property Grid
554,049.80	4,175,326.50	2.95	128.82	Property Grid
554,149.80	4,175,326.50	0.00	128.82	Property Grid
554,249.80	4,175,326.50	1.99	128.82	Property Grid
554,349.80	4,175,326.50	5.06	128.64	Property Grid
554,449.80	4,175,326.50	6.41	6.41	Property Grid
554,549.80	4,175,326.50	4.20	4.20	Property Grid
554,649.80	4,175,326.50	4.93	4.93	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,749.80	4,175,326.50	0.00	0.00	Property Grid
554,849.80	4,175,326.50	0.00	7.96	Property Grid
554,949.80	4,175,326.50	2.07	2.07	Property Grid
555,049.80	4,175,326.50	4.66	4.66	Property Grid
555,149.80	4,175,326.50	4.70	4.70	Property Grid
555,249.80	4,175,326.50	4.32	4.32	Property Grid
555,349.80	4,175,326.50	4.93	4.93	Property Grid
555,449.80	4,175,326.50	5.29	5.29	Property Grid
555,549.80	4,175,326.50	5.37	43.36	Property Grid
555,649.80	4,175,326.50	5.33	5.33	Property Grid
555,749.80	4,175,326.50	5.59	5.59	Property Grid
555,849.80	4,175,326.50	4.74	4.74	Property Grid
555,949.80	4,175,326.50	3.21	3.21	Property Grid
556,049.80	4,175,326.50	2.52	2.52	Property Grid
556,149.80	4,175,326.50	2.11	2.11	Property Grid
549,549.80	4,175,426.50	45.87	281.86	Property Grid
549,649.80	4,175,426.50	48.90	281.86	Property Grid
549,749.80	4,175,426.50	52.71	281.86	Property Grid
549,849.80	4,175,426.50	56.98	155.71	Property Grid
549,949.80	4,175,426.50	60.92	155.71	Property Grid
550,049.80	4,175,426.50	67.53	155.71	Property Grid
550,149.80	4,175,426.50	73.82	155.71	Property Grid
550,249.80	4,175,426.50	79.42	155.71	Property Grid
550,349.80	4,175,426.50	88.92	155.71	Property Grid
550,449.80	4,175,426.50	100.86	155.71	Property Grid
550,549.80	4,175,426.50	114.55	155.71	Property Grid
550,649.80	4,175,426.50	126.55	155.71	Property Grid
550,749.80	4,175,426.50	138.47	138.47	Property Grid
550,849.80	4,175,426.50	127.10	155.71	Property Grid
550,949.80	4,175,426.50	121.05	155.71	Property Grid
551,049.80	4,175,426.50	112.66	155.71	Property Grid
551,149.80	4,175,426.50	95.64	162.53	Property Grid
551,249.80	4,175,426.50	83.74	162.53	Property Grid
551,349.80	4,175,426.50	76.51	162.53	Property Grid
551,449.80	4,175,426.50	71.22	162.53	Property Grid
551,549.80	4,175,426.50	66.21	162.53	Property Grid
551,649.80	4,175,426.50	60.30	162.53	Property Grid
551,749.80	4,175,426.50	55.88	162.53	Property Grid
551,849.80	4,175,426.50	55.71	162.53	Property Grid
551,949.80	4,175,426.50	55.19	126.88	Property Grid
552,049.80	4,175,426.50	37.75	162.53	Property Grid
552,149.80	4,175,426.50	33.43	135.75	Property Grid
552,249.80	4,175,426.50	29.80	135.75	Property Grid
552,349.80	4,175,426.50	27.24	126.88	Property Grid
552,449.80	4,175,426.50	24.81	126.88	Property Grid
552,549.80	4,175,426.50	22.95	126.88	Property Grid
553,749.80	4,175,426.50	2.98	128.82	Property Grid
553,849.80	4,175,426.50	3.23	128.82	Property Grid
553,949.80	4,175,426.50	3.95	128.82	Property Grid
554,049.80	4,175,426.50	1.48	128.82	Property Grid
554,149.80	4,175,426.50	4.29	128.82	Property Grid
554,249.80	4,175,426.50	6.19	6.19	Property Grid
554,349.80	4,175,426.50	7.42	7.42	Property Grid
554,449.80	4,175,426.50	6.21	6.21	Property Grid
554,549.80	4,175,426.50	4.97	4.97	Property Grid
554,649.80	4,175,426.50	6.00	6.00	Property Grid
554,749.80	4,175,426.50	5.19	5.19	Property Grid
554,849.80	4,175,426.50	6.21	6.21	Property Grid
554,949.80	4,175,426.50	4.50	56.83	Property Grid
555,049.80	4,175,426.50	5.12	49.88	Property Grid
555,149.80	4,175,426.50	5.94	49.88	Property Grid
555,249.80	4,175,426.50	5.11	49.88	Property Grid
555,349.80	4,175,426.50	6.00	47.77	Property Grid
555,449.80	4,175,426.50	6.19	43.36	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
555,549.80	4,175,426.50	6.02	43.36	Property Grid
555,649.80	4,175,426.50	6.31	43.36	Property Grid
555,749.80	4,175,426.50	6.37	43.36	Property Grid
555,849.80	4,175,426.50	5.67	36.11	Property Grid
555,949.80	4,175,426.50	3.14	36.11	Property Grid
556,049.80	4,175,426.50	0.80	0.80	Property Grid
556,149.80	4,175,426.50	1.46	1.46	Property Grid
549,649.80	4,175,526.50	47.42	281.86	Property Grid
549,749.80	4,175,526.50	50.81	281.86	Property Grid
549,849.80	4,175,526.50	55.28	281.86	Property Grid
549,949.80	4,175,526.50	58.90	155.71	Property Grid
550,049.80	4,175,526.50	63.51	155.71	Property Grid
550,149.80	4,175,526.50	71.17	155.71	Property Grid
550,249.80	4,175,526.50	79.10	155.71	Property Grid
550,349.80	4,175,526.50	87.54	155.71	Property Grid
550,449.80	4,175,526.50	97.08	155.71	Property Grid
550,549.80	4,175,526.50	112.76	155.71	Property Grid
550,649.80	4,175,526.50	128.01	140.61	Property Grid
550,749.80	4,175,526.50	135.55	140.61	Property Grid
550,849.80	4,175,526.50	122.04	155.71	Property Grid
550,949.80	4,175,526.50	113.96	155.71	Property Grid
551,049.80	4,175,526.50	107.85	155.71	Property Grid
551,149.80	4,175,526.50	92.11	155.71	Property Grid
551,249.80	4,175,526.50	81.56	162.53	Property Grid
551,349.80	4,175,526.50	74.84	162.53	Property Grid
551,449.80	4,175,526.50	70.94	162.53	Property Grid
551,549.80	4,175,526.50	64.33	162.53	Property Grid
551,649.80	4,175,526.50	60.22	162.53	Property Grid
551,749.80	4,175,526.50	55.81	162.53	Property Grid
551,849.80	4,175,526.50	54.41	54.41	Property Grid
551,949.80	4,175,526.50	48.03	125.60	Property Grid
552,049.80	4,175,526.50	38.72	126.88	Property Grid
552,149.80	4,175,526.50	33.52	126.88	Property Grid
552,249.80	4,175,526.50	29.35	126.88	Property Grid
552,349.80	4,175,526.50	25.54	126.88	Property Grid
552,449.80	4,175,526.50	22.31	126.88	Property Grid
552,549.80	4,175,526.50	20.19	126.88	Property Grid
553,749.80	4,175,526.50	3.17	128.82	Property Grid
553,849.80	4,175,526.50	5.02	128.82	Property Grid
553,949.80	4,175,526.50	4.10	128.82	Property Grid
554,049.80	4,175,526.50	4.96	4.96	Property Grid
554,149.80	4,175,526.50	5.02	5.02	Property Grid
554,249.80	4,175,526.50	6.69	6.69	Property Grid
554,349.80	4,175,526.50	8.47	8.47	Property Grid
554,449.80	4,175,526.50	6.43	6.43	Property Grid
554,549.80	4,175,526.50	5.95	73.32	Property Grid
554,649.80	4,175,526.50	6.44	73.32	Property Grid
554,749.80	4,175,526.50	5.89	70.83	Property Grid
554,849.80	4,175,526.50	6.57	65.28	Property Grid
554,949.80	4,175,526.50	5.32	64.62	Property Grid
555,049.80	4,175,526.50	5.90	59.47	Property Grid
555,149.80	4,175,526.50	6.96	59.47	Property Grid
555,249.80	4,175,526.50	6.33	59.47	Property Grid
555,349.80	4,175,526.50	7.31	51.03	Property Grid
555,449.80	4,175,526.50	7.20	49.60	Property Grid
555,549.80	4,175,526.50	7.27	43.36	Property Grid
555,649.80	4,175,526.50	7.30	43.36	Property Grid
555,749.80	4,175,526.50	7.38	43.36	Property Grid
555,849.80	4,175,526.50	6.68	43.36	Property Grid
555,949.80	4,175,526.50	0.10	37.52	Property Grid
556,049.80	4,175,526.50	2.78	2.78	Property Grid
556,149.80	4,175,526.50	3.50	3.50	Property Grid
549,749.80	4,175,626.50	47.39	281.86	Property Grid
549,849.80	4,175,626.50	52.31	281.86	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,949.80	4,175,626.50	56.30	281.86	Property Grid
550,049.80	4,175,626.50	59.81	155.71	Property Grid
550,149.80	4,175,626.50	65.68	155.71	Property Grid
550,249.80	4,175,626.50	71.54	155.71	Property Grid
550,349.80	4,175,626.50	81.49	155.71	Property Grid
550,449.80	4,175,626.50	89.58	155.71	Property Grid
550,549.80	4,175,626.50	95.55	155.71	Property Grid
550,649.80	4,175,626.50	108.30	155.71	Property Grid
550,749.80	4,175,626.50	122.39	140.63	Property Grid
550,849.80	4,175,626.50	112.77	155.71	Property Grid
550,949.80	4,175,626.50	104.57	155.71	Property Grid
551,049.80	4,175,626.50	93.49	155.71	Property Grid
551,149.80	4,175,626.50	87.09	155.71	Property Grid
551,249.80	4,175,626.50	78.85	162.53	Property Grid
551,349.80	4,175,626.50	71.23	162.53	Property Grid
551,449.80	4,175,626.50	64.64	162.53	Property Grid
551,549.80	4,175,626.50	59.80	162.53	Property Grid
551,649.80	4,175,626.50	58.75	58.75	Property Grid
551,749.80	4,175,626.50	55.71	55.71	Property Grid
551,849.80	4,175,626.50	54.78	54.78	Property Grid
551,949.80	4,175,626.50	49.68	49.68	Property Grid
552,049.80	4,175,626.50	40.73	88.26	Property Grid
552,149.80	4,175,626.50	33.67	126.88	Property Grid
552,249.80	4,175,626.50	29.09	126.88	Property Grid
552,349.80	4,175,626.50	25.27	126.88	Property Grid
552,449.80	4,175,626.50	22.20	126.88	Property Grid
552,549.80	4,175,626.50	18.90	126.88	Property Grid
553,749.80	4,175,626.50	5.35	5.35	Property Grid
553,849.80	4,175,626.50	4.51	4.51	Property Grid
553,949.80	4,175,626.50	5.68	5.68	Property Grid
554,049.80	4,175,626.50	5.69	5.69	Property Grid
554,149.80	4,175,626.50	6.84	6.84	Property Grid
554,249.80	4,175,626.50	6.34	79.85	Property Grid
554,349.80	4,175,626.50	6.60	81.61	Property Grid
554,449.80	4,175,626.50	6.36	79.85	Property Grid
554,549.80	4,175,626.50	5.80	79.85	Property Grid
554,649.80	4,175,626.50	6.19	79.19	Property Grid
554,749.80	4,175,626.50	6.73	74.30	Property Grid
554,849.80	4,175,626.50	6.74	74.30	Property Grid
554,949.80	4,175,626.50	6.19	72.41	Property Grid
555,049.80	4,175,626.50	7.41	65.28	Property Grid
555,149.80	4,175,626.50	7.95	59.47	Property Grid
555,249.80	4,175,626.50	9.51	59.47	Property Grid
555,349.80	4,175,626.50	8.44	56.83	Property Grid
555,449.80	4,175,626.50	8.25	51.03	Property Grid
555,549.80	4,175,626.50	15.69	43.36	Property Grid
555,649.80	4,175,626.50	8.79	43.36	Property Grid
555,749.80	4,175,626.50	24.84	36.18	Property Grid
555,849.80	4,175,626.50	9.96	43.36	Property Grid
555,949.80	4,175,626.50	5.60	37.52	Property Grid
556,049.80	4,175,626.50	5.72	5.72	Property Grid
556,149.80	4,175,626.50	4.43	4.43	Property Grid
549,949.80	4,175,726.50	50.97	281.86	Property Grid
550,049.80	4,175,726.50	54.85	281.86	Property Grid
550,149.80	4,175,726.50	59.47	155.71	Property Grid
550,249.80	4,175,726.50	62.53	155.71	Property Grid
550,349.80	4,175,726.50	71.26	155.71	Property Grid
550,449.80	4,175,726.50	78.85	155.71	Property Grid
550,549.80	4,175,726.50	85.38	155.71	Property Grid
550,649.80	4,175,726.50	92.63	155.71	Property Grid
550,749.80	4,175,726.50	97.26	155.71	Property Grid
550,849.80	4,175,726.50	95.40	155.71	Property Grid
550,949.80	4,175,726.50	88.71	155.71	Property Grid
551,049.80	4,175,726.50	85.39	155.71	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,149.80	4,175,726.50	80.86	155.71	Property Grid
551,249.80	4,175,726.50	76.64	155.71	Property Grid
551,349.80	4,175,726.50	71.07	155.71	Property Grid
551,449.80	4,175,726.50	64.80	155.71	Property Grid
551,549.80	4,175,726.50	57.23	155.71	Property Grid
551,649.80	4,175,726.50	54.72	54.72	Property Grid
551,749.80	4,175,726.50	55.44	55.44	Property Grid
551,849.80	4,175,726.50	49.41	49.41	Property Grid
551,949.80	4,175,726.50	46.26	48.63	Property Grid
552,049.80	4,175,726.50	40.95	48.60	Property Grid
552,149.80	4,175,726.50	32.36	91.22	Property Grid
552,249.80	4,175,726.50	28.55	91.22	Property Grid
552,349.80	4,175,726.50	24.34	124.59	Property Grid
552,449.80	4,175,726.50	21.37	115.57	Property Grid
552,549.80	4,175,726.50	18.34	115.57	Property Grid
553,749.80	4,175,726.50	5.30	5.30	Property Grid
553,849.80	4,175,726.50	5.71	5.71	Property Grid
553,949.80	4,175,726.50	5.72	80.13	Property Grid
554,049.80	4,175,726.50	6.20	85.31	Property Grid
554,149.80	4,175,726.50	7.58	85.31	Property Grid
554,249.80	4,175,726.50	6.38	85.31	Property Grid
554,349.80	4,175,726.50	6.64	85.31	Property Grid
554,449.80	4,175,726.50	5.79	84.09	Property Grid
554,549.80	4,175,726.50	5.78	82.44	Property Grid
554,649.80	4,175,726.50	6.37	81.61	Property Grid
554,749.80	4,175,726.50	6.14	79.85	Property Grid
554,849.80	4,175,726.50	6.70	75.38	Property Grid
554,949.80	4,175,726.50	7.23	74.30	Property Grid
555,049.80	4,175,726.50	11.69	66.02	Property Grid
555,149.80	4,175,726.50	20.42	59.47	Property Grid
555,249.80	4,175,726.50	34.80	49.88	Property Grid
555,349.80	4,175,726.50	25.44	49.88	Property Grid
555,449.80	4,175,726.50	34.19	42.63	Property Grid
555,549.80	4,175,726.50	42.76	42.76	Property Grid
555,649.80	4,175,726.50	36.33	36.33	Property Grid
555,749.80	4,175,726.50	34.18	34.18	Property Grid
555,849.80	4,175,726.50	16.85	39.94	Property Grid
555,949.80	4,175,726.50	8.12	39.94	Property Grid
556,049.80	4,175,726.50	6.88	6.88	Property Grid
556,149.80	4,175,726.50	6.03	6.03	Property Grid
550,049.80	4,175,826.50	49.10	281.86	Property Grid
550,149.80	4,175,826.50	53.55	281.86	Property Grid
550,249.80	4,175,826.50	56.42	155.71	Property Grid
550,349.80	4,175,826.50	60.32	155.71	Property Grid
550,449.80	4,175,826.50	66.59	155.71	Property Grid
550,549.80	4,175,826.50	68.04	155.71	Property Grid
550,649.80	4,175,826.50	68.47	155.71	Property Grid
550,749.80	4,175,826.50	70.67	155.71	Property Grid
550,849.80	4,175,826.50	72.98	155.71	Property Grid
550,949.80	4,175,826.50	74.90	155.71	Property Grid
551,049.80	4,175,826.50	75.71	155.71	Property Grid
551,149.80	4,175,826.50	75.93	155.71	Property Grid
551,249.80	4,175,826.50	76.44	155.71	Property Grid
551,349.80	4,175,826.50	74.00	74.00	Property Grid
551,449.80	4,175,826.50	67.31	67.31	Property Grid
551,549.80	4,175,826.50	59.45	59.45	Property Grid
551,649.80	4,175,826.50	53.32	53.32	Property Grid
551,749.80	4,175,826.50	44.09	55.52	Property Grid
551,849.80	4,175,826.50	38.55	55.79	Property Grid
551,949.80	4,175,826.50	37.49	47.13	Property Grid
552,049.80	4,175,826.50	35.69	47.13	Property Grid
552,149.80	4,175,826.50	30.94	30.94	Property Grid
552,249.80	4,175,826.50	28.38	28.38	Property Grid
552,349.80	4,175,826.50	24.91	91.22	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,449.80	4,175,826.50	21.37	91.22	Property Grid
552,549.80	4,175,826.50	17.49	91.22	Property Grid
553,649.80	4,175,826.50	6.77	6.77	Property Grid
553,749.80	4,175,826.50	7.46	7.46	Property Grid
553,849.80	4,175,826.50	7.16	85.31	Property Grid
553,949.80	4,175,826.50	7.14	85.98	Property Grid
554,049.80	4,175,826.50	9.02	85.98	Property Grid
554,149.80	4,175,826.50	9.25	85.98	Property Grid
554,249.80	4,175,826.50	8.50	85.98	Property Grid
554,349.80	4,175,826.50	8.29	85.98	Property Grid
554,449.80	4,175,826.50	8.09	85.98	Property Grid
554,549.80	4,175,826.50	6.35	85.98	Property Grid
554,649.80	4,175,826.50	8.77	82.44	Property Grid
554,749.80	4,175,826.50	12.05	81.61	Property Grid
554,849.80	4,175,826.50	23.69	74.30	Property Grid
554,949.80	4,175,826.50	30.92	64.62	Property Grid
555,049.80	4,175,826.50	33.08	59.47	Property Grid
555,149.80	4,175,826.50	39.94	51.97	Property Grid
555,249.80	4,175,826.50	45.76	45.76	Property Grid
555,349.80	4,175,826.50	37.26	37.73	Property Grid
555,449.80	4,175,826.50	29.62	42.82	Property Grid
555,549.80	4,175,826.50	34.54	41.88	Property Grid
555,649.80	4,175,826.50	36.66	39.94	Property Grid
555,749.80	4,175,826.50	23.10	41.36	Property Grid
555,849.80	4,175,826.50	14.43	41.36	Property Grid
555,949.80	4,175,826.50	9.74	36.44	Property Grid
556,049.80	4,175,826.50	7.69	7.69	Property Grid
556,149.80	4,175,826.50	5.17	5.17	Property Grid
550,149.80	4,175,926.50	47.48	281.86	Property Grid
550,249.80	4,175,926.50	49.97	281.86	Property Grid
550,349.80	4,175,926.50	52.24	210.02	Property Grid
550,449.80	4,175,926.50	54.94	155.71	Property Grid
550,549.80	4,175,926.50	54.96	155.71	Property Grid
550,649.80	4,175,926.50	55.07	155.71	Property Grid
550,749.80	4,175,926.50	56.26	155.71	Property Grid
550,849.80	4,175,926.50	51.83	162.53	Property Grid
550,949.80	4,175,926.50	53.17	162.53	Property Grid
551,049.80	4,175,926.50	62.93	155.71	Property Grid
551,149.80	4,175,926.50	71.40	155.71	Property Grid
551,249.80	4,175,926.50	76.03	76.75	Property Grid
551,349.80	4,175,926.50	74.83	77.88	Property Grid
551,449.80	4,175,926.50	62.95	77.88	Property Grid
551,549.80	4,175,926.50	57.76	57.76	Property Grid
551,649.80	4,175,926.50	51.84	51.84	Property Grid
551,749.80	4,175,926.50	44.61	44.61	Property Grid
551,849.80	4,175,926.50	39.24	39.24	Property Grid
551,949.80	4,175,926.50	36.28	36.28	Property Grid
552,049.80	4,175,926.50	33.87	33.87	Property Grid
552,149.80	4,175,926.50	31.13	31.13	Property Grid
552,249.80	4,175,926.50	28.47	28.47	Property Grid
552,349.80	4,175,926.50	25.82	25.82	Property Grid
552,449.80	4,175,926.50	23.13	23.13	Property Grid
552,549.80	4,175,926.50	16.49	16.49	Property Grid
552,649.80	4,175,926.50	17.14	17.14	Property Grid
553,649.80	4,175,926.50	11.26	11.26	Property Grid
553,749.80	4,175,926.50	11.28	85.31	Property Grid
553,849.80	4,175,926.50	11.94	85.98	Property Grid
553,949.80	4,175,926.50	12.12	85.98	Property Grid
554,049.80	4,175,926.50	14.07	85.98	Property Grid
554,149.80	4,175,926.50	13.80	85.98	Property Grid
554,249.80	4,175,926.50	13.71	85.98	Property Grid
554,349.80	4,175,926.50	14.10	85.98	Property Grid
554,449.80	4,175,926.50	15.35	85.98	Property Grid
554,549.80	4,175,926.50	14.62	85.98	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,649.80	4,175,926.50	23.43	81.61	Property Grid
554,749.80	4,175,926.50	31.38	74.30	Property Grid
554,849.80	4,175,926.50	38.56	66.02	Property Grid
554,949.80	4,175,926.50	50.29	59.47	Property Grid
555,049.80	4,175,926.50	52.09	55.24	Property Grid
555,149.80	4,175,926.50	49.00	49.00	Property Grid
555,249.80	4,175,926.50	43.24	43.24	Property Grid
555,349.80	4,175,926.50	31.79	49.60	Property Grid
555,449.80	4,175,926.50	18.24	51.03	Property Grid
555,549.80	4,175,926.50	19.18	43.36	Property Grid
555,649.80	4,175,926.50	20.89	42.40	Property Grid
555,749.80	4,175,926.50	11.34	43.36	Property Grid
555,849.80	4,175,926.50	8.52	41.88	Property Grid
555,949.80	4,175,926.50	8.24	8.24	Property Grid
556,049.80	4,175,926.50	7.36	7.36	Property Grid
556,149.80	4,175,926.50	4.22	4.22	Property Grid
550,149.80	4,176,026.50	38.09	281.86	Property Grid
550,249.80	4,176,026.50	42.41	281.86	Property Grid
550,349.80	4,176,026.50	44.67	281.86	Property Grid
550,449.80	4,176,026.50	47.97	210.02	Property Grid
550,549.80	4,176,026.50	43.94	210.02	Property Grid
550,649.80	4,176,026.50	38.87	210.02	Property Grid
550,749.80	4,176,026.50	36.35	210.02	Property Grid
550,849.80	4,176,026.50	35.04	168.68	Property Grid
550,949.80	4,176,026.50	35.82	162.53	Property Grid
551,049.80	4,176,026.50	44.20	155.71	Property Grid
551,149.80	4,176,026.50	56.80	155.71	Property Grid
551,249.80	4,176,026.50	60.03	155.71	Property Grid
551,349.80	4,176,026.50	53.92	155.71	Property Grid
551,449.80	4,176,026.50	48.37	152.66	Property Grid
551,549.80	4,176,026.50	50.37	77.88	Property Grid
551,649.80	4,176,026.50	48.83	48.83	Property Grid
551,749.80	4,176,026.50	43.40	43.40	Property Grid
551,849.80	4,176,026.50	38.89	38.89	Property Grid
551,949.80	4,176,026.50	35.22	35.22	Property Grid
552,049.80	4,176,026.50	33.16	33.16	Property Grid
552,149.80	4,176,026.50	30.44	30.44	Property Grid
552,249.80	4,176,026.50	27.90	27.90	Property Grid
552,349.80	4,176,026.50	26.15	26.15	Property Grid
552,449.80	4,176,026.50	23.71	23.71	Property Grid
552,549.80	4,176,026.50	16.39	16.39	Property Grid
552,649.80	4,176,026.50	17.88	17.88	Property Grid
552,749.80	4,176,026.50	18.07	80.14	Property Grid
553,449.80	4,176,026.50	22.05	80.14	Property Grid
553,549.80	4,176,026.50	18.85	80.14	Property Grid
553,649.80	4,176,026.50	16.74	16.74	Property Grid
553,749.80	4,176,026.50	15.63	85.98	Property Grid
553,849.80	4,176,026.50	17.20	85.98	Property Grid
553,949.80	4,176,026.50	17.53	85.98	Property Grid
554,049.80	4,176,026.50	18.71	85.98	Property Grid
554,149.80	4,176,026.50	19.52	85.98	Property Grid
554,249.80	4,176,026.50	23.24	85.98	Property Grid
554,349.80	4,176,026.50	23.38	85.98	Property Grid
554,449.80	4,176,026.50	23.64	85.98	Property Grid
554,549.80	4,176,026.50	32.31	82.44	Property Grid
554,649.80	4,176,026.50	43.61	74.32	Property Grid
554,749.80	4,176,026.50	60.15	62.72	Property Grid
554,849.80	4,176,026.50	56.49	56.49	Property Grid
554,949.80	4,176,026.50	55.45	58.04	Property Grid
555,049.80	4,176,026.50	46.27	59.47	Property Grid
555,149.80	4,176,026.50	37.89	59.47	Property Grid
555,249.80	4,176,026.50	26.06	59.47	Property Grid
555,349.80	4,176,026.50	19.21	59.47	Property Grid
555,449.80	4,176,026.50	10.10	59.47	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
555,549.80	4,176,026.50	11.55	47.29	Property Grid
555,649.80	4,176,026.50	9.13	43.36	Property Grid
555,749.80	4,176,026.50	7.30	42.40	Property Grid
555,849.80	4,176,026.50	6.32	40.60	Property Grid
555,949.80	4,176,026.50	5.90	5.90	Property Grid
556,049.80	4,176,026.50	4.95	4.95	Property Grid
550,149.80	4,176,126.50	35.60	281.86	Property Grid
550,249.80	4,176,126.50	37.64	281.86	Property Grid
550,349.80	4,176,126.50	37.56	281.86	Property Grid
550,449.80	4,176,126.50	37.74	281.86	Property Grid
550,549.80	4,176,126.50	35.14	210.02	Property Grid
550,649.80	4,176,126.50	30.94	210.02	Property Grid
550,749.80	4,176,126.50	27.99	210.02	Property Grid
550,849.80	4,176,126.50	26.57	210.02	Property Grid
550,949.80	4,176,126.50	26.44	210.02	Property Grid
551,049.80	4,176,126.50	31.17	168.68	Property Grid
551,149.80	4,176,126.50	42.18	155.71	Property Grid
551,249.80	4,176,126.50	45.21	155.71	Property Grid
551,349.80	4,176,126.50	43.45	155.71	Property Grid
551,449.80	4,176,126.50	28.96	155.71	Property Grid
551,549.80	4,176,126.50	42.20	78.06	Property Grid
551,649.80	4,176,126.50	38.95	77.88	Property Grid
551,749.80	4,176,126.50	39.80	39.80	Property Grid
551,849.80	4,176,126.50	35.51	35.51	Property Grid
551,949.80	4,176,126.50	32.25	32.25	Property Grid
552,049.80	4,176,126.50	30.29	30.29	Property Grid
552,149.80	4,176,126.50	27.79	27.79	Property Grid
552,249.80	4,176,126.50	25.47	25.47	Property Grid
552,349.80	4,176,126.50	24.95	24.95	Property Grid
552,449.80	4,176,126.50	23.97	23.97	Property Grid
552,549.80	4,176,126.50	17.34	17.34	Property Grid
552,649.80	4,176,126.50	19.15	77.02	Property Grid
552,749.80	4,176,126.50	19.97	80.14	Property Grid
552,849.80	4,176,126.50	20.62	80.14	Property Grid
552,949.80	4,176,126.50	21.69	80.14	Property Grid
553,049.80	4,176,126.50	22.95	80.14	Property Grid
553,149.80	4,176,126.50	24.01	80.14	Property Grid
553,249.80	4,176,126.50	22.87	80.14	Property Grid
553,349.80	4,176,126.50	27.58	80.14	Property Grid
553,449.80	4,176,126.50	29.09	80.14	Property Grid
553,549.80	4,176,126.50	23.77	80.14	Property Grid
553,649.80	4,176,126.50	20.95	20.95	Property Grid
553,749.80	4,176,126.50	21.04	85.98	Property Grid
553,849.80	4,176,126.50	21.27	85.98	Property Grid
553,949.80	4,176,126.50	22.72	85.98	Property Grid
554,049.80	4,176,126.50	23.61	85.98	Property Grid
554,149.80	4,176,126.50	28.10	85.98	Property Grid
554,249.80	4,176,126.50	36.50	85.98	Property Grid
554,349.80	4,176,126.50	39.34	85.98	Property Grid
554,449.80	4,176,126.50	42.98	84.09	Property Grid
554,549.80	4,176,126.50	59.19	74.30	Property Grid
554,649.80	4,176,126.50	64.22	72.41	Property Grid
554,749.80	4,176,126.50	62.17	64.64	Property Grid
554,849.80	4,176,126.50	41.53	73.60	Property Grid
554,949.80	4,176,126.50	37.62	72.41	Property Grid
555,049.80	4,176,126.50	31.70	66.02	Property Grid
555,149.80	4,176,126.50	15.48	73.32	Property Grid
555,249.80	4,176,126.50	7.58	72.72	Property Grid
555,349.80	4,176,126.50	7.58	59.47	Property Grid
555,449.80	4,176,126.50	7.03	59.47	Property Grid
555,549.80	4,176,126.50	7.38	46.36	Property Grid
555,649.80	4,176,126.50	7.27	40.60	Property Grid
555,749.80	4,176,126.50	5.27	38.93	Property Grid
555,849.80	4,176,126.50	4.45	4.45	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
555,949.80	4,176,126.50	3.75	3.75	Property Grid
556,049.80	4,176,126.50	2.81	2.81	Property Grid
550,149.80	4,176,226.50	38.83	281.86	Property Grid
550,249.80	4,176,226.50	36.80	281.86	Property Grid
550,349.80	4,176,226.50	35.26	281.86	Property Grid
550,449.80	4,176,226.50	33.88	281.86	Property Grid
550,549.80	4,176,226.50	30.48	281.86	Property Grid
550,649.80	4,176,226.50	35.60	210.02	Property Grid
550,749.80	4,176,226.50	37.60	210.02	Property Grid
550,849.80	4,176,226.50	32.59	210.02	Property Grid
550,949.80	4,176,226.50	21.51	210.02	Property Grid
551,049.80	4,176,226.50	22.14	210.02	Property Grid
551,149.80	4,176,226.50	29.15	168.68	Property Grid
551,249.80	4,176,226.50	24.57	155.71	Property Grid
551,349.80	4,176,226.50	19.62	155.71	Property Grid
551,449.80	4,176,226.50	13.97	162.53	Property Grid
551,549.80	4,176,226.50	16.74	155.71	Property Grid
551,649.80	4,176,226.50	23.70	139.88	Property Grid
551,749.80	4,176,226.50	24.77	77.88	Property Grid
551,849.80	4,176,226.50	26.77	39.90	Property Grid
551,949.80	4,176,226.50	25.97	25.97	Property Grid
552,049.80	4,176,226.50	26.29	26.29	Property Grid
552,149.80	4,176,226.50	23.65	23.65	Property Grid
552,249.80	4,176,226.50	21.99	21.99	Property Grid
552,349.80	4,176,226.50	22.00	22.00	Property Grid
552,449.80	4,176,226.50	23.05	23.05	Property Grid
552,549.80	4,176,226.50	20.71	20.71	Property Grid
552,649.80	4,176,226.50	21.49	80.14	Property Grid
552,749.80	4,176,226.50	22.62	80.14	Property Grid
552,849.80	4,176,226.50	24.17	80.14	Property Grid
552,949.80	4,176,226.50	28.49	80.14	Property Grid
553,049.80	4,176,226.50	32.01	80.14	Property Grid
553,149.80	4,176,226.50	37.38	80.14	Property Grid
553,249.80	4,176,226.50	41.31	80.14	Property Grid
553,349.80	4,176,226.50	39.21	80.14	Property Grid
553,449.80	4,176,226.50	40.40	80.14	Property Grid
553,549.80	4,176,226.50	30.35	80.14	Property Grid
553,649.80	4,176,226.50	24.76	79.45	Property Grid
553,749.80	4,176,226.50	25.74	85.98	Property Grid
553,849.80	4,176,226.50	26.75	85.98	Property Grid
553,949.80	4,176,226.50	29.71	85.98	Property Grid
554,049.80	4,176,226.50	35.10	85.98	Property Grid
554,149.80	4,176,226.50	35.84	85.98	Property Grid
554,249.80	4,176,226.50	50.34	85.98	Property Grid
554,349.80	4,176,226.50	57.82	82.44	Property Grid
554,449.80	4,176,226.50	65.76	79.85	Property Grid
554,549.80	4,176,226.50	73.70	73.70	Property Grid
554,649.80	4,176,226.50	69.53	71.72	Property Grid
554,749.80	4,176,226.50	45.41	78.34	Property Grid
554,849.80	4,176,226.50	32.83	79.19	Property Grid
554,949.80	4,176,226.50	17.54	81.61	Property Grid
555,049.80	4,176,226.50	10.68	81.61	Property Grid
555,149.80	4,176,226.50	7.66	74.30	Property Grid
555,249.80	4,176,226.50	5.60	73.32	Property Grid
555,349.80	4,176,226.50	5.36	59.47	Property Grid
555,449.80	4,176,226.50	4.66	59.47	Property Grid
555,549.80	4,176,226.50	3.26	3.26	Property Grid
555,649.80	4,176,226.50	2.88	2.88	Property Grid
555,749.80	4,176,226.50	2.85	2.85	Property Grid
555,849.80	4,176,226.50	2.51	2.51	Property Grid
555,949.80	4,176,226.50	2.17	2.17	Property Grid
556,049.80	4,176,226.50	0.05	0.05	Property Grid
550,249.80	4,176,326.50	46.22	281.86	Property Grid
550,349.80	4,176,326.50	41.89	281.86	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,449.80	4,176,326.50	44.03	281.86	Property Grid
550,549.80	4,176,326.50	43.96	210.02	Property Grid
550,649.80	4,176,326.50	43.63	210.02	Property Grid
550,749.80	4,176,326.50	43.60	210.02	Property Grid
550,849.80	4,176,326.50	42.83	210.02	Property Grid
550,949.80	4,176,326.50	41.22	210.02	Property Grid
551,049.80	4,176,326.50	27.44	210.02	Property Grid
551,149.80	4,176,326.50	13.00	210.02	Property Grid
551,249.80	4,176,326.50	11.96	210.02	Property Grid
551,349.80	4,176,326.50	13.68	168.68	Property Grid
551,449.80	4,176,326.50	13.15	155.71	Property Grid
551,549.80	4,176,326.50	12.64	155.71	Property Grid
551,649.80	4,176,326.50	11.77	155.71	Property Grid
551,749.80	4,176,326.50	11.70	146.72	Property Grid
551,849.80	4,176,326.50	12.85	146.72	Property Grid
551,949.80	4,176,326.50	18.63	146.72	Property Grid
552,049.80	4,176,326.50	18.25	146.72	Property Grid
552,149.80	4,176,326.50	17.37	17.37	Property Grid
552,249.80	4,176,326.50	16.41	16.41	Property Grid
552,349.80	4,176,326.50	18.37	18.37	Property Grid
552,449.80	4,176,326.50	21.75	21.75	Property Grid
552,549.80	4,176,326.50	23.21	23.21	Property Grid
552,649.80	4,176,326.50	24.90	80.14	Property Grid
552,749.80	4,176,326.50	29.83	80.14	Property Grid
552,849.80	4,176,326.50	32.05	80.14	Property Grid
552,949.80	4,176,326.50	38.49	80.14	Property Grid
553,049.80	4,176,326.50	49.42	80.14	Property Grid
553,149.80	4,176,326.50	57.95	80.14	Property Grid
553,249.80	4,176,326.50	55.59	80.14	Property Grid
553,349.80	4,176,326.50	49.85	80.14	Property Grid
553,449.80	4,176,326.50	44.22	80.14	Property Grid
553,549.80	4,176,326.50	30.27	80.14	Property Grid
553,649.80	4,176,326.50	27.63	80.14	Property Grid
553,749.80	4,176,326.50	28.23	85.98	Property Grid
553,849.80	4,176,326.50	32.64	85.98	Property Grid
553,949.80	4,176,326.50	36.55	85.98	Property Grid
554,049.80	4,176,326.50	47.72	85.98	Property Grid
554,149.80	4,176,326.50	54.61	85.98	Property Grid
554,249.80	4,176,326.50	67.98	84.09	Property Grid
554,349.80	4,176,326.50	75.90	81.61	Property Grid
554,449.80	4,176,326.50	75.12	79.19	Property Grid
554,549.80	4,176,326.50	65.54	78.34	Property Grid
554,649.80	4,176,326.50	54.38	79.19	Property Grid
554,749.80	4,176,326.50	33.34	82.34	Property Grid
554,849.80	4,176,326.50	16.83	85.98	Property Grid
554,949.80	4,176,326.50	9.20	85.98	Property Grid
555,049.80	4,176,326.50	4.61	82.34	Property Grid
555,149.80	4,176,326.50	2.68	81.61	Property Grid
555,249.80	4,176,326.50	3.38	73.60	Property Grid
555,349.80	4,176,326.50	3.67	59.47	Property Grid
555,449.80	4,176,326.50	2.70	2.70	Property Grid
555,549.80	4,176,326.50	0.48	0.48	Property Grid
555,649.80	4,176,326.50	0.00	0.00	Property Grid
555,749.80	4,176,326.50	0.00	0.00	Property Grid
555,849.80	4,176,326.50	1.41	1.41	Property Grid
555,949.80	4,176,326.50	1.36	1.36	Property Grid
556,049.80	4,176,326.50	0.00	0.00	Property Grid
550,249.80	4,176,426.50	54.87	281.86	Property Grid
550,349.80	4,176,426.50	48.23	281.86	Property Grid
550,449.80	4,176,426.50	51.32	210.02	Property Grid
550,549.80	4,176,426.50	52.66	210.02	Property Grid
550,649.80	4,176,426.50	52.20	210.02	Property Grid
550,749.80	4,176,426.50	51.80	210.02	Property Grid
550,849.80	4,176,426.50	50.29	210.02	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,949.80	4,176,426.50	46.45	210.02	Property Grid
551,049.80	4,176,426.50	43.81	168.68	Property Grid
551,149.80	4,176,426.50	27.97	210.02	Property Grid
551,249.80	4,176,426.50	37.07	146.72	Property Grid
551,349.80	4,176,426.50	43.29	95.27	Property Grid
551,449.80	4,176,426.50	41.29	146.72	Property Grid
551,549.80	4,176,426.50	35.94	146.72	Property Grid
551,649.80	4,176,426.50	13.04	146.72	Property Grid
551,749.80	4,176,426.50	8.90	146.72	Property Grid
551,849.80	4,176,426.50	6.84	146.72	Property Grid
551,949.80	4,176,426.50	6.64	146.72	Property Grid
552,049.80	4,176,426.50	8.62	146.72	Property Grid
552,149.80	4,176,426.50	11.81	146.72	Property Grid
552,249.80	4,176,426.50	14.72	146.72	Property Grid
552,349.80	4,176,426.50	16.02	16.02	Property Grid
552,449.80	4,176,426.50	22.75	22.75	Property Grid
552,549.80	4,176,426.50	26.51	26.51	Property Grid
552,649.80	4,176,426.50	29.70	29.70	Property Grid
552,749.80	4,176,426.50	34.54	80.14	Property Grid
552,849.80	4,176,426.50	41.33	80.14	Property Grid
552,949.80	4,176,426.50	51.91	80.14	Property Grid
553,049.80	4,176,426.50	60.61	80.14	Property Grid
553,149.80	4,176,426.50	76.60	76.60	Property Grid
553,249.80	4,176,426.50	68.12	80.14	Property Grid
553,349.80	4,176,426.50	62.21	64.60	Property Grid
553,449.80	4,176,426.50	44.53	80.14	Property Grid
553,549.80	4,176,426.50	29.37	80.14	Property Grid
553,649.80	4,176,426.50	23.62	85.98	Property Grid
553,749.80	4,176,426.50	25.22	85.98	Property Grid
553,849.80	4,176,426.50	32.01	85.98	Property Grid
553,949.80	4,176,426.50	38.85	85.98	Property Grid
554,049.80	4,176,426.50	54.76	85.98	Property Grid
554,149.80	4,176,426.50	74.42	85.31	Property Grid
554,249.80	4,176,426.50	80.91	80.91	Property Grid
554,349.80	4,176,426.50	79.78	79.78	Property Grid
554,449.80	4,176,426.50	63.90	83.02	Property Grid
554,549.80	4,176,426.50	45.63	85.98	Property Grid
554,649.80	4,176,426.50	33.51	85.98	Property Grid
554,749.80	4,176,426.50	20.49	85.98	Property Grid
554,849.80	4,176,426.50	12.60	85.98	Property Grid
554,949.80	4,176,426.50	6.65	85.98	Property Grid
555,049.80	4,176,426.50	0.00	85.98	Property Grid
555,149.80	4,176,426.50	0.00	81.61	Property Grid
555,249.80	4,176,426.50	1.91	73.32	Property Grid
555,349.80	4,176,426.50	2.62	2.62	Property Grid
555,449.80	4,176,426.50	0.59	0.59	Property Grid
555,549.80	4,176,426.50	0.00	0.00	Property Grid
555,649.80	4,176,426.50	0.00	0.00	Property Grid
555,749.80	4,176,426.50	0.00	0.00	Property Grid
555,849.80	4,176,426.50	0.00	0.00	Property Grid
555,949.80	4,176,426.50	0.00	0.00	Property Grid
556,049.80	4,176,426.50	0.00	0.00	Property Grid
550,249.80	4,176,526.50	62.56	281.86	Property Grid
550,349.80	4,176,526.50	57.36	281.86	Property Grid
550,449.80	4,176,526.50	59.91	210.02	Property Grid
550,549.80	4,176,526.50	60.46	210.02	Property Grid
550,649.80	4,176,526.50	59.74	210.02	Property Grid
550,749.80	4,176,526.50	59.30	210.02	Property Grid
550,849.80	4,176,526.50	59.09	210.02	Property Grid
550,949.80	4,176,526.50	58.16	168.68	Property Grid
551,049.80	4,176,526.50	52.15	168.68	Property Grid
551,149.80	4,176,526.50	53.57	95.27	Property Grid
551,249.80	4,176,526.50	53.96	95.27	Property Grid
551,349.80	4,176,526.50	51.07	95.27	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,449.80	4,176,526.50	44.12	146.72	Property Grid
551,549.80	4,176,526.50	36.11	146.72	Property Grid
551,649.80	4,176,526.50	22.27	146.72	Property Grid
551,749.80	4,176,526.50	11.20	146.72	Property Grid
551,849.80	4,176,526.50	8.38	146.72	Property Grid
551,949.80	4,176,526.50	6.64	146.72	Property Grid
552,049.80	4,176,526.50	6.64	146.72	Property Grid
552,149.80	4,176,526.50	7.44	146.72	Property Grid
552,249.80	4,176,526.50	10.58	146.72	Property Grid
552,349.80	4,176,526.50	17.71	146.72	Property Grid
552,449.80	4,176,526.50	26.84	41.71	Property Grid
552,549.80	4,176,526.50	29.89	29.89	Property Grid
552,649.80	4,176,526.50	32.71	32.71	Property Grid
552,749.80	4,176,526.50	36.93	80.14	Property Grid
552,849.80	4,176,526.50	47.88	80.14	Property Grid
552,949.80	4,176,526.50	60.24	60.24	Property Grid
553,049.80	4,176,526.50	62.84	80.14	Property Grid
553,149.80	4,176,526.50	71.54	80.14	Property Grid
553,249.80	4,176,526.50	66.42	80.14	Property Grid
553,349.80	4,176,526.50	64.32	64.32	Property Grid
553,449.80	4,176,526.50	46.79	80.14	Property Grid
553,549.80	4,176,526.50	28.13	80.14	Property Grid
553,649.80	4,176,526.50	21.18	85.98	Property Grid
553,749.80	4,176,526.50	22.22	85.98	Property Grid
553,849.80	4,176,526.50	27.73	85.98	Property Grid
553,949.80	4,176,526.50	34.46	85.98	Property Grid
554,049.80	4,176,526.50	46.00	85.98	Property Grid
554,149.80	4,176,526.50	77.10	85.98	Property Grid
554,249.80	4,176,526.50	85.01	85.01	Property Grid
554,349.80	4,176,526.50	76.08	77.48	Property Grid
554,449.80	4,176,526.50	59.12	85.98	Property Grid
554,549.80	4,176,526.50	43.86	85.98	Property Grid
554,649.80	4,176,526.50	38.82	85.98	Property Grid
554,749.80	4,176,526.50	32.82	85.95	Property Grid
554,849.80	4,176,526.50	25.20	83.91	Property Grid
554,949.80	4,176,526.50	6.51	85.98	Property Grid
555,049.80	4,176,526.50	1.94	85.98	Property Grid
555,149.80	4,176,526.50	0.00	81.61	Property Grid
555,249.80	4,176,526.50	0.05	72.72	Property Grid
555,349.80	4,176,526.50	0.42	0.42	Property Grid
555,449.80	4,176,526.50	0.00	0.00	Property Grid
555,549.80	4,176,526.50	0.00	0.00	Property Grid
555,649.80	4,176,526.50	0.00	0.00	Property Grid
555,749.80	4,176,526.50	0.00	0.00	Property Grid
555,849.80	4,176,526.50	0.00	0.00	Property Grid
555,949.80	4,176,526.50	0.00	0.00	Property Grid
550,349.80	4,176,626.50	68.37	210.02	Property Grid
550,449.80	4,176,626.50	61.36	210.02	Property Grid
550,549.80	4,176,626.50	68.97	210.02	Property Grid
550,649.80	4,176,626.50	69.51	210.02	Property Grid
550,749.80	4,176,626.50	65.74	210.02	Property Grid
550,849.80	4,176,626.50	67.17	210.02	Property Grid
550,949.80	4,176,626.50	67.06	168.68	Property Grid
551,049.80	4,176,626.50	66.99	95.27	Property Grid
551,149.80	4,176,626.50	66.08	95.27	Property Grid
551,249.80	4,176,626.50	60.72	95.27	Property Grid
551,349.80	4,176,626.50	51.99	146.72	Property Grid
551,449.80	4,176,626.50	45.26	146.72	Property Grid
551,549.80	4,176,626.50	35.96	146.72	Property Grid
551,649.80	4,176,626.50	24.53	146.72	Property Grid
551,749.80	4,176,626.50	26.47	146.72	Property Grid
551,849.80	4,176,626.50	16.04	146.72	Property Grid
551,949.80	4,176,626.50	7.95	146.72	Property Grid
552,049.80	4,176,626.50	6.64	146.72	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,149.80	4,176,626.50	6.64	146.72	Property Grid
552,249.80	4,176,626.50	9.07	146.72	Property Grid
552,349.80	4,176,626.50	26.80	146.72	Property Grid
552,449.80	4,176,626.50	37.14	41.71	Property Grid
552,549.80	4,176,626.50	35.72	38.83	Property Grid
552,649.80	4,176,626.50	40.17	47.29	Property Grid
552,749.80	4,176,626.50	42.07	47.02	Property Grid
552,849.80	4,176,626.50	46.47	62.10	Property Grid
552,949.80	4,176,626.50	51.16	80.14	Property Grid
553,049.80	4,176,626.50	44.99	80.14	Property Grid
553,149.80	4,176,626.50	54.76	80.14	Property Grid
553,249.80	4,176,626.50	44.00	80.14	Property Grid
553,349.80	4,176,626.50	44.57	80.14	Property Grid
553,449.80	4,176,626.50	28.54	80.14	Property Grid
553,549.80	4,176,626.50	22.11	80.14	Property Grid
553,649.80	4,176,626.50	18.88	85.98	Property Grid
553,749.80	4,176,626.50	19.64	85.98	Property Grid
553,849.80	4,176,626.50	22.69	85.98	Property Grid
553,949.80	4,176,626.50	31.65	85.98	Property Grid
554,049.80	4,176,626.50	49.07	85.98	Property Grid
554,149.80	4,176,626.50	74.60	85.66	Property Grid
554,249.80	4,176,626.50	70.41	85.98	Property Grid
554,349.80	4,176,626.50	57.47	85.98	Property Grid
554,449.80	4,176,626.50	57.01	85.98	Property Grid
554,549.80	4,176,626.50	49.12	85.98	Property Grid
554,649.80	4,176,626.50	39.72	85.98	Property Grid
554,749.80	4,176,626.50	43.03	47.69	Property Grid
554,849.80	4,176,626.50	24.38	83.91	Property Grid
554,949.80	4,176,626.50	5.95	85.98	Property Grid
555,049.80	4,176,626.50	1.34	85.98	Property Grid
555,149.80	4,176,626.50	0.00	78.34	Property Grid
555,249.80	4,176,626.50	0.00	0.00	Property Grid
555,349.80	4,176,626.50	0.00	0.00	Property Grid
555,449.80	4,176,626.50	0.00	0.00	Property Grid
555,549.80	4,176,626.50	0.00	0.00	Property Grid
555,649.80	4,176,626.50	0.00	0.00	Property Grid
555,749.80	4,176,626.50	0.00	0.00	Property Grid
555,849.80	4,176,626.50	0.00	0.00	Property Grid
555,949.80	4,176,626.50	0.00	0.00	Property Grid
550,349.80	4,176,726.50	79.66	210.02	Property Grid
550,449.80	4,176,726.50	72.45	210.02	Property Grid
550,549.80	4,176,726.50	60.29	210.02	Property Grid
550,649.80	4,176,726.50	70.95	210.02	Property Grid
550,749.80	4,176,726.50	67.33	210.02	Property Grid
550,849.80	4,176,726.50	71.36	210.02	Property Grid
550,949.80	4,176,726.50	74.26	94.43	Property Grid
551,049.80	4,176,726.50	80.84	95.27	Property Grid
551,149.80	4,176,726.50	80.98	95.27	Property Grid
551,249.80	4,176,726.50	68.11	95.27	Property Grid
551,349.80	4,176,726.50	59.01	146.72	Property Grid
551,449.80	4,176,726.50	48.85	146.72	Property Grid
551,549.80	4,176,726.50	37.30	146.72	Property Grid
551,649.80	4,176,726.50	38.73	146.72	Property Grid
551,749.80	4,176,726.50	46.21	146.72	Property Grid
551,849.80	4,176,726.50	37.38	146.72	Property Grid
551,949.80	4,176,726.50	14.65	146.72	Property Grid
552,049.80	4,176,726.50	6.64	146.72	Property Grid
552,149.80	4,176,726.50	7.30	146.72	Property Grid
552,249.80	4,176,726.50	6.39	146.72	Property Grid
552,349.80	4,176,726.50	10.98	146.72	Property Grid
552,449.80	4,176,726.50	29.56	41.71	Property Grid
552,549.80	4,176,726.50	27.33	50.71	Property Grid
552,649.80	4,176,726.50	41.25	50.71	Property Grid
552,749.80	4,176,726.50	49.87	49.87	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,849.80	4,176,726.50	44.41	56.02	Property Grid
552,949.80	4,176,726.50	37.40	80.14	Property Grid
553,049.80	4,176,726.50	31.50	80.14	Property Grid
553,149.80	4,176,726.50	25.44	80.14	Property Grid
553,249.80	4,176,726.50	24.67	80.14	Property Grid
553,349.80	4,176,726.50	25.55	80.14	Property Grid
553,449.80	4,176,726.50	19.70	80.14	Property Grid
553,549.80	4,176,726.50	15.76	85.98	Property Grid
553,649.80	4,176,726.50	15.54	85.98	Property Grid
553,749.80	4,176,726.50	15.89	85.98	Property Grid
553,849.80	4,176,726.50	20.18	85.98	Property Grid
553,949.80	4,176,726.50	33.26	85.98	Property Grid
554,049.80	4,176,726.50	55.55	85.98	Property Grid
554,149.80	4,176,726.50	58.07	85.98	Property Grid
554,249.80	4,176,726.50	50.26	85.98	Property Grid
554,349.80	4,176,726.50	39.30	85.98	Property Grid
554,449.80	4,176,726.50	39.55	85.98	Property Grid
554,549.80	4,176,726.50	37.83	85.98	Property Grid
554,649.80	4,176,726.50	23.01	85.98	Property Grid
554,749.80	4,176,726.50	24.79	85.98	Property Grid
554,849.80	4,176,726.50	16.08	85.98	Property Grid
554,949.80	4,176,726.50	6.94	85.98	Property Grid
555,049.80	4,176,726.50	0.41	85.95	Property Grid
555,149.80	4,176,726.50	0.00	47.69	Property Grid
555,249.80	4,176,726.50	0.00	0.00	Property Grid
555,349.80	4,176,726.50	0.00	0.00	Property Grid
555,449.80	4,176,726.50	0.00	0.00	Property Grid
555,549.80	4,176,726.50	0.00	0.00	Property Grid
555,649.80	4,176,726.50	0.00	0.00	Property Grid
555,749.80	4,176,726.50	0.00	0.00	Property Grid
555,849.80	4,176,726.50	0.00	0.00	Property Grid
555,949.80	4,176,726.50	0.00	0.00	Property Grid
550,349.80	4,176,826.50	91.11	210.02	Property Grid
550,449.80	4,176,826.50	79.79	210.02	Property Grid
550,549.80	4,176,826.50	67.87	210.02	Property Grid
550,649.80	4,176,826.50	59.53	210.02	Property Grid
550,749.80	4,176,826.50	66.59	210.02	Property Grid
550,849.80	4,176,826.50	69.64	210.02	Property Grid
550,949.80	4,176,826.50	77.43	95.27	Property Grid
551,049.80	4,176,826.50	86.06	95.27	Property Grid
551,149.80	4,176,826.50	92.11	92.11	Property Grid
551,249.80	4,176,826.50	77.74	95.27	Property Grid
551,349.80	4,176,826.50	63.82	146.72	Property Grid
551,449.80	4,176,826.50	52.50	146.72	Property Grid
551,549.80	4,176,826.50	46.93	146.72	Property Grid
551,649.80	4,176,826.50	49.92	146.72	Property Grid
551,749.80	4,176,826.50	50.29	146.72	Property Grid
551,849.80	4,176,826.50	42.19	146.72	Property Grid
551,949.80	4,176,826.50	28.05	146.72	Property Grid
552,049.80	4,176,826.50	14.79	146.72	Property Grid
552,149.80	4,176,826.50	5.87	146.72	Property Grid
552,249.80	4,176,826.50	5.35	146.72	Property Grid
552,349.80	4,176,826.50	5.12	146.72	Property Grid
552,449.80	4,176,826.50	5.87	146.72	Property Grid
552,549.80	4,176,826.50	10.14	146.72	Property Grid
552,649.80	4,176,826.50	33.32	50.71	Property Grid
552,749.80	4,176,826.50	31.58	50.71	Property Grid
552,849.80	4,176,826.50	27.61	80.14	Property Grid
552,949.80	4,176,826.50	26.63	80.14	Property Grid
553,049.80	4,176,826.50	20.19	80.14	Property Grid
553,149.80	4,176,826.50	18.06	80.14	Property Grid
553,249.80	4,176,826.50	16.35	80.14	Property Grid
553,349.80	4,176,826.50	15.23	80.14	Property Grid
553,449.80	4,176,826.50	14.22	80.14	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,549.80	4,176,826.50	12.81	85.98	Property Grid
553,649.80	4,176,826.50	12.54	85.98	Property Grid
553,749.80	4,176,826.50	13.50	85.98	Property Grid
553,849.80	4,176,826.50	16.87	85.98	Property Grid
553,949.80	4,176,826.50	27.57	85.98	Property Grid
554,049.80	4,176,826.50	41.76	85.98	Property Grid
554,149.80	4,176,826.50	41.27	85.98	Property Grid
554,249.80	4,176,826.50	38.39	85.98	Property Grid
554,349.80	4,176,826.50	27.15	85.98	Property Grid
554,449.80	4,176,826.50	21.76	85.98	Property Grid
554,549.80	4,176,826.50	33.09	85.98	Property Grid
554,649.80	4,176,826.50	16.99	85.98	Property Grid
554,749.80	4,176,826.50	12.60	85.98	Property Grid
554,849.80	4,176,826.50	10.34	85.98	Property Grid
554,949.80	4,176,826.50	6.79	85.95	Property Grid
555,049.80	4,176,826.50	2.55	47.69	Property Grid
555,149.80	4,176,826.50	0.16	47.69	Property Grid
555,249.80	4,176,826.50	1.23	1.23	Property Grid
555,349.80	4,176,826.50	1.28	1.28	Property Grid
555,449.80	4,176,826.50	0.21	0.21	Property Grid
555,549.80	4,176,826.50	0.00	0.00	Property Grid
555,649.80	4,176,826.50	0.00	0.00	Property Grid
555,749.80	4,176,826.50	0.00	0.00	Property Grid
555,849.80	4,176,826.50	0.00	0.00	Property Grid
550,449.80	4,176,926.50	82.61	210.02	Property Grid
550,549.80	4,176,926.50	70.94	210.02	Property Grid
550,649.80	4,176,926.50	62.66	210.02	Property Grid
550,749.80	4,176,926.50	62.19	210.02	Property Grid
550,849.80	4,176,926.50	67.56	210.02	Property Grid
550,949.80	4,176,926.50	77.16	77.16	Property Grid
551,049.80	4,176,926.50	83.79	95.27	Property Grid
551,149.80	4,176,926.50	84.62	95.27	Property Grid
551,249.80	4,176,926.50	78.89	146.72	Property Grid
551,349.80	4,176,926.50	63.23	146.72	Property Grid
551,449.80	4,176,926.50	57.15	146.72	Property Grid
551,549.80	4,176,926.50	57.23	146.72	Property Grid
551,649.80	4,176,926.50	58.13	146.72	Property Grid
551,749.80	4,176,926.50	55.63	146.72	Property Grid
551,849.80	4,176,926.50	51.45	146.72	Property Grid
551,949.80	4,176,926.50	50.54	146.72	Property Grid
552,049.80	4,176,926.50	42.51	146.72	Property Grid
552,149.80	4,176,926.50	9.93	146.72	Property Grid
552,249.80	4,176,926.50	6.98	146.72	Property Grid
552,349.80	4,176,926.50	5.12	146.72	Property Grid
552,449.80	4,176,926.50	5.12	146.72	Property Grid
552,549.80	4,176,926.50	5.91	146.72	Property Grid
552,649.80	4,176,926.50	9.39	146.72	Property Grid
552,749.80	4,176,926.50	13.49	146.72	Property Grid
552,849.80	4,176,926.50	13.23	80.14	Property Grid
552,949.80	4,176,926.50	13.70	80.14	Property Grid
553,049.80	4,176,926.50	9.88	80.14	Property Grid
553,149.80	4,176,926.50	9.14	80.14	Property Grid
553,249.80	4,176,926.50	10.31	80.14	Property Grid
553,349.80	4,176,926.50	9.77	80.14	Property Grid
553,449.80	4,176,926.50	8.86	80.14	Property Grid
553,549.80	4,176,926.50	9.20	85.66	Property Grid
553,649.80	4,176,926.50	10.16	85.98	Property Grid
553,749.80	4,176,926.50	10.77	85.98	Property Grid
553,849.80	4,176,926.50	13.68	85.98	Property Grid
553,949.80	4,176,926.50	20.93	85.98	Property Grid
554,049.80	4,176,926.50	24.22	85.98	Property Grid
554,149.80	4,176,926.50	25.86	85.98	Property Grid
554,249.80	4,176,926.50	25.72	85.98	Property Grid
554,349.80	4,176,926.50	18.65	85.98	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,449.80	4,176,926.50	13.39	85.98	Property Grid
554,549.80	4,176,926.50	10.52	85.98	Property Grid
554,649.80	4,176,926.50	7.09	85.98	Property Grid
554,749.80	4,176,926.50	5.93	85.98	Property Grid
554,849.80	4,176,926.50	2.20	85.98	Property Grid
554,949.80	4,176,926.50	4.66	85.69	Property Grid
555,049.80	4,176,926.50	0.41	47.69	Property Grid
555,149.80	4,176,926.50	2.23	2.23	Property Grid
555,249.80	4,176,926.50	2.01	2.01	Property Grid
555,349.80	4,176,926.50	1.63	1.63	Property Grid
555,449.80	4,176,926.50	1.74	1.74	Property Grid
555,549.80	4,176,926.50	1.69	1.69	Property Grid
555,649.80	4,176,926.50	1.08	1.08	Property Grid
555,749.80	4,176,926.50	0.00	0.00	Property Grid
555,849.80	4,176,926.50	0.00	0.00	Property Grid
550,449.80	4,177,026.50	80.06	210.02	Property Grid
550,549.80	4,177,026.50	70.86	210.02	Property Grid
550,649.80	4,177,026.50	62.42	210.02	Property Grid
550,749.80	4,177,026.50	53.36	210.02	Property Grid
550,849.80	4,177,026.50	65.04	210.02	Property Grid
550,949.80	4,177,026.50	79.97	79.97	Property Grid
551,049.80	4,177,026.50	78.00	146.72	Property Grid
551,149.80	4,177,026.50	76.62	146.72	Property Grid
551,249.80	4,177,026.50	71.88	146.72	Property Grid
551,349.80	4,177,026.50	66.10	146.72	Property Grid
551,449.80	4,177,026.50	65.23	146.72	Property Grid
551,549.80	4,177,026.50	67.04	146.72	Property Grid
551,649.80	4,177,026.50	64.15	146.72	Property Grid
551,749.80	4,177,026.50	57.63	146.72	Property Grid
551,849.80	4,177,026.50	56.45	146.72	Property Grid
551,949.80	4,177,026.50	44.35	146.72	Property Grid
552,049.80	4,177,026.50	38.55	146.72	Property Grid
552,149.80	4,177,026.50	14.67	146.72	Property Grid
552,249.80	4,177,026.50	7.22	146.72	Property Grid
552,349.80	4,177,026.50	6.08	146.72	Property Grid
552,449.80	4,177,026.50	5.12	146.72	Property Grid
552,549.80	4,177,026.50	5.73	146.72	Property Grid
552,649.80	4,177,026.50	7.47	146.72	Property Grid
552,749.80	4,177,026.50	8.05	146.72	Property Grid
552,849.80	4,177,026.50	7.79	146.72	Property Grid
552,949.80	4,177,026.50	6.76	80.14	Property Grid
553,049.80	4,177,026.50	7.25	80.14	Property Grid
553,149.80	4,177,026.50	7.52	80.14	Property Grid
553,249.80	4,177,026.50	7.96	80.14	Property Grid
553,349.80	4,177,026.50	7.35	80.14	Property Grid
553,449.80	4,177,026.50	6.95	80.14	Property Grid
553,549.80	4,177,026.50	7.44	80.14	Property Grid
553,649.80	4,177,026.50	8.09	85.98	Property Grid
553,749.80	4,177,026.50	8.13	85.98	Property Grid
553,849.80	4,177,026.50	8.42	85.98	Property Grid
553,949.80	4,177,026.50	14.15	85.98	Property Grid
554,049.80	4,177,026.50	13.20	85.98	Property Grid
554,149.80	4,177,026.50	14.14	85.98	Property Grid
554,249.80	4,177,026.50	13.48	85.98	Property Grid
554,349.80	4,177,026.50	10.50	85.98	Property Grid
554,449.80	4,177,026.50	6.80	85.98	Property Grid
554,549.80	4,177,026.50	6.18	85.98	Property Grid
554,649.80	4,177,026.50	7.80	85.98	Property Grid
554,749.80	4,177,026.50	5.73	85.98	Property Grid
554,849.80	4,177,026.50	3.74	85.98	Property Grid
554,949.80	4,177,026.50	3.61	3.61	Property Grid
555,049.80	4,177,026.50	4.15	4.15	Property Grid
555,149.80	4,177,026.50	2.31	2.31	Property Grid
555,249.80	4,177,026.50	0.02	0.02	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
555,349.80	4,177,026.50	0.00	0.00	Property Grid
555,449.80	4,177,026.50	0.00	0.00	Property Grid
555,549.80	4,177,026.50	0.00	0.00	Property Grid
555,649.80	4,177,026.50	0.00	0.00	Property Grid
555,749.80	4,177,026.50	0.00	0.00	Property Grid
550,549.80	4,177,126.50	60.15	210.02	Property Grid
550,649.80	4,177,126.50	56.36	210.02	Property Grid
550,749.80	4,177,126.50	48.89	210.02	Property Grid
550,849.80	4,177,126.50	52.93	210.02	Property Grid
550,949.80	4,177,126.50	60.77	210.02	Property Grid
551,049.80	4,177,126.50	63.54	168.68	Property Grid
551,149.80	4,177,126.50	69.42	146.72	Property Grid
551,249.80	4,177,126.50	74.66	146.72	Property Grid
551,349.80	4,177,126.50	78.14	146.72	Property Grid
551,449.80	4,177,126.50	78.97	146.72	Property Grid
551,549.80	4,177,126.50	78.95	146.72	Property Grid
551,649.80	4,177,126.50	71.64	146.72	Property Grid
551,749.80	4,177,126.50	56.98	146.72	Property Grid
551,849.80	4,177,126.50	44.17	146.72	Property Grid
551,949.80	4,177,126.50	29.54	146.72	Property Grid
552,049.80	4,177,126.50	23.35	146.72	Property Grid
552,149.80	4,177,126.50	10.54	146.72	Property Grid
552,249.80	4,177,126.50	4.42	146.72	Property Grid
552,349.80	4,177,126.50	4.66	146.72	Property Grid
552,449.80	4,177,126.50	5.41	146.72	Property Grid
552,549.80	4,177,126.50	5.49	146.72	Property Grid
552,649.80	4,177,126.50	6.17	146.72	Property Grid
552,749.80	4,177,126.50	6.26	146.72	Property Grid
552,849.80	4,177,126.50	5.48	146.72	Property Grid
552,949.80	4,177,126.50	7.31	80.14	Property Grid
553,049.80	4,177,126.50	7.07	80.14	Property Grid
553,149.80	4,177,126.50	6.79	80.14	Property Grid
553,249.80	4,177,126.50	6.55	80.14	Property Grid
553,349.80	4,177,126.50	6.76	80.14	Property Grid
553,449.80	4,177,126.50	6.64	80.14	Property Grid
553,549.80	4,177,126.50	6.77	6.77	Property Grid
553,649.80	4,177,126.50	6.71	6.71	Property Grid
553,749.80	4,177,126.50	7.09	85.98	Property Grid
553,849.80	4,177,126.50	7.13	85.98	Property Grid
553,949.80	4,177,126.50	7.00	85.98	Property Grid
554,049.80	4,177,126.50	7.91	85.98	Property Grid
554,149.80	4,177,126.50	7.77	85.98	Property Grid
554,249.80	4,177,126.50	7.30	85.98	Property Grid
554,349.80	4,177,126.50	5.88	85.98	Property Grid
554,449.80	4,177,126.50	6.01	85.98	Property Grid
554,549.80	4,177,126.50	5.73	85.98	Property Grid
554,649.80	4,177,126.50	6.24	85.98	Property Grid
554,749.80	4,177,126.50	3.60	85.98	Property Grid
554,849.80	4,177,126.50	3.41	3.41	Property Grid
554,949.80	4,177,126.50	3.88	3.88	Property Grid
555,049.80	4,177,126.50	4.33	4.33	Property Grid
555,149.80	4,177,126.50	2.11	2.11	Property Grid
555,249.80	4,177,126.50	0.66	0.66	Property Grid
555,349.80	4,177,126.50	0.63	0.63	Property Grid
555,449.80	4,177,126.50	1.05	1.05	Property Grid
555,549.80	4,177,126.50	0.22	0.22	Property Grid
555,649.80	4,177,126.50	0.18	0.18	Property Grid
555,749.80	4,177,126.50	0.00	0.00	Property Grid
550,649.80	4,177,226.50	52.86	210.02	Property Grid
550,749.80	4,177,226.50	44.60	210.02	Property Grid
550,849.80	4,177,226.50	43.39	210.02	Property Grid
550,949.80	4,177,226.50	46.76	210.02	Property Grid
551,049.80	4,177,226.50	61.69	210.02	Property Grid
551,149.80	4,177,226.50	72.97	146.72	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,249.80	4,177,226.50	77.85	146.72	Property Grid
551,349.80	4,177,226.50	87.49	146.72	Property Grid
551,449.80	4,177,226.50	91.50	146.72	Property Grid
551,549.80	4,177,226.50	92.82	146.72	Property Grid
551,649.80	4,177,226.50	80.63	146.72	Property Grid
551,749.80	4,177,226.50	62.11	146.72	Property Grid
551,849.80	4,177,226.50	52.98	146.72	Property Grid
551,949.80	4,177,226.50	46.02	146.72	Property Grid
552,049.80	4,177,226.50	43.00	146.72	Property Grid
552,149.80	4,177,226.50	32.99	146.72	Property Grid
552,249.80	4,177,226.50	6.24	146.72	Property Grid
552,349.80	4,177,226.50	5.09	146.72	Property Grid
552,449.80	4,177,226.50	4.21	146.72	Property Grid
552,549.80	4,177,226.50	4.90	146.72	Property Grid
552,649.80	4,177,226.50	5.12	146.72	Property Grid
552,749.80	4,177,226.50	4.87	146.72	Property Grid
552,849.80	4,177,226.50	4.83	146.72	Property Grid
552,949.80	4,177,226.50	5.77	5.77	Property Grid
553,049.80	4,177,226.50	6.18	6.18	Property Grid
553,149.80	4,177,226.50	6.09	80.14	Property Grid
553,249.80	4,177,226.50	6.00	6.00	Property Grid
553,349.80	4,177,226.50	5.51	5.51	Property Grid
553,449.80	4,177,226.50	5.77	5.77	Property Grid
553,549.80	4,177,226.50	5.79	5.79	Property Grid
553,649.80	4,177,226.50	5.93	5.93	Property Grid
553,749.80	4,177,226.50	5.80	5.80	Property Grid
553,849.80	4,177,226.50	5.98	85.98	Property Grid
553,949.80	4,177,226.50	6.67	85.98	Property Grid
554,049.80	4,177,226.50	6.62	85.98	Property Grid
554,149.80	4,177,226.50	6.55	85.98	Property Grid
554,249.80	4,177,226.50	6.55	85.98	Property Grid
554,349.80	4,177,226.50	6.04	85.98	Property Grid
554,449.80	4,177,226.50	5.32	85.98	Property Grid
554,549.80	4,177,226.50	4.42	85.98	Property Grid
554,649.80	4,177,226.50	4.89	85.69	Property Grid
554,749.80	4,177,226.50	3.60	3.60	Property Grid
554,849.80	4,177,226.50	4.69	4.69	Property Grid
554,949.80	4,177,226.50	3.59	3.59	Property Grid
555,049.80	4,177,226.50	3.97	3.97	Property Grid
555,149.80	4,177,226.50	3.08	3.08	Property Grid
555,249.80	4,177,226.50	2.26	2.26	Property Grid
555,349.80	4,177,226.50	2.26	2.26	Property Grid
555,449.80	4,177,226.50	2.05	2.05	Property Grid
555,549.80	4,177,226.50	2.04	2.04	Property Grid
555,649.80	4,177,226.50	1.72	1.72	Property Grid
550,649.80	4,177,326.50	45.06	274.68	Property Grid
550,749.80	4,177,326.50	40.94	210.02	Property Grid
550,849.80	4,177,326.50	38.10	210.02	Property Grid
550,949.80	4,177,326.50	39.19	210.02	Property Grid
551,049.80	4,177,326.50	49.60	210.02	Property Grid
551,149.80	4,177,326.50	56.46	146.72	Property Grid
551,249.80	4,177,326.50	69.34	146.72	Property Grid
551,349.80	4,177,326.50	100.41	146.72	Property Grid
551,449.80	4,177,326.50	107.02	146.72	Property Grid
551,549.80	4,177,326.50	106.21	146.72	Property Grid
551,649.80	4,177,326.50	91.62	146.72	Property Grid
551,749.80	4,177,326.50	82.31	146.72	Property Grid
551,849.80	4,177,326.50	74.42	146.72	Property Grid
551,949.80	4,177,326.50	65.39	146.72	Property Grid
552,049.80	4,177,326.50	61.90	146.72	Property Grid
552,149.80	4,177,326.50	51.32	146.72	Property Grid
552,249.80	4,177,326.50	10.19	146.72	Property Grid
552,349.80	4,177,326.50	4.84	146.72	Property Grid
552,449.80	4,177,326.50	4.79	146.72	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,549.80	4,177,326.50	5.02	146.72	Property Grid
552,649.80	4,177,326.50	4.31	146.72	Property Grid
552,749.80	4,177,326.50	3.94	146.72	Property Grid
552,849.80	4,177,326.50	3.84	146.72	Property Grid
552,949.80	4,177,326.50	4.12	146.72	Property Grid
553,049.80	4,177,326.50	4.90	4.90	Property Grid
553,149.80	4,177,326.50	5.32	5.32	Property Grid
553,249.80	4,177,326.50	5.08	5.08	Property Grid
553,349.80	4,177,326.50	5.00	5.00	Property Grid
553,449.80	4,177,326.50	4.79	4.79	Property Grid
553,549.80	4,177,326.50	4.80	4.80	Property Grid
553,649.80	4,177,326.50	4.98	4.98	Property Grid
553,749.80	4,177,326.50	4.63	4.63	Property Grid
553,849.80	4,177,326.50	4.80	4.80	Property Grid
553,949.80	4,177,326.50	5.35	5.35	Property Grid
554,049.80	4,177,326.50	5.21	85.69	Property Grid
554,149.80	4,177,326.50	5.19	85.98	Property Grid
554,249.80	4,177,326.50	4.90	85.98	Property Grid
554,349.80	4,177,326.50	4.65	85.98	Property Grid
554,449.80	4,177,326.50	3.81	85.69	Property Grid
554,549.80	4,177,326.50	3.20	3.20	Property Grid
554,649.80	4,177,326.50	3.58	3.58	Property Grid
554,749.80	4,177,326.50	5.50	5.50	Property Grid
554,849.80	4,177,326.50	5.89	5.89	Property Grid
554,949.80	4,177,326.50	3.45	3.45	Property Grid
555,049.80	4,177,326.50	3.73	3.73	Property Grid
555,149.80	4,177,326.50	3.31	3.31	Property Grid
555,249.80	4,177,326.50	2.75	2.75	Property Grid
555,349.80	4,177,326.50	2.47	2.47	Property Grid
555,449.80	4,177,326.50	2.29	2.29	Property Grid
555,549.80	4,177,326.50	1.89	1.89	Property Grid
550,749.80	4,177,426.50	36.97	277.08	Property Grid
550,849.80	4,177,426.50	34.35	274.68	Property Grid
550,949.80	4,177,426.50	35.13	210.02	Property Grid
551,049.80	4,177,426.50	38.10	210.02	Property Grid
551,149.80	4,177,426.50	49.53	210.02	Property Grid
551,249.80	4,177,426.50	65.99	146.72	Property Grid
551,349.80	4,177,426.50	100.81	146.72	Property Grid
551,449.80	4,177,426.50	126.82	146.72	Property Grid
551,549.80	4,177,426.50	125.60	146.72	Property Grid
551,649.80	4,177,426.50	114.96	146.72	Property Grid
551,749.80	4,177,426.50	114.47	146.72	Property Grid
551,849.80	4,177,426.50	102.70	146.72	Property Grid
551,949.80	4,177,426.50	87.33	146.72	Property Grid
552,049.80	4,177,426.50	77.56	146.72	Property Grid
552,149.80	4,177,426.50	51.16	146.72	Property Grid
552,249.80	4,177,426.50	23.80	146.72	Property Grid
552,349.80	4,177,426.50	4.91	146.72	Property Grid
552,449.80	4,177,426.50	4.37	146.72	Property Grid
552,549.80	4,177,426.50	4.65	146.72	Property Grid
552,649.80	4,177,426.50	4.80	146.72	Property Grid
552,749.80	4,177,426.50	4.59	146.72	Property Grid
552,849.80	4,177,426.50	3.71	146.72	Property Grid
552,949.80	4,177,426.50	2.89	146.72	Property Grid
553,049.80	4,177,426.50	3.15	3.15	Property Grid
553,149.80	4,177,426.50	3.86	3.86	Property Grid
553,249.80	4,177,426.50	4.32	4.32	Property Grid
553,349.80	4,177,426.50	4.10	4.10	Property Grid
553,449.80	4,177,426.50	4.08	4.08	Property Grid
553,549.80	4,177,426.50	3.89	3.89	Property Grid
553,649.80	4,177,426.50	3.88	3.88	Property Grid
553,749.80	4,177,426.50	3.70	3.70	Property Grid
553,849.80	4,177,426.50	4.13	4.13	Property Grid
553,949.80	4,177,426.50	4.03	4.03	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
554,049.80	4,177,426.50	3.78	3.78	Property Grid
554,149.80	4,177,426.50	3.72	3.72	Property Grid
554,249.80	4,177,426.50	3.50	3.50	Property Grid
554,349.80	4,177,426.50	3.17	3.17	Property Grid
554,449.80	4,177,426.50	3.04	3.04	Property Grid
554,549.80	4,177,426.50	2.86	2.86	Property Grid
554,649.80	4,177,426.50	3.18	3.18	Property Grid
554,749.80	4,177,426.50	2.45	2.45	Property Grid
554,849.80	4,177,426.50	2.67	2.67	Property Grid
554,949.80	4,177,426.50	3.34	3.34	Property Grid
555,049.80	4,177,426.50	3.35	3.35	Property Grid
555,149.80	4,177,426.50	3.18	3.18	Property Grid
555,249.80	4,177,426.50	2.83	2.83	Property Grid
555,349.80	4,177,426.50	2.44	2.44	Property Grid
555,449.80	4,177,426.50	2.04	2.04	Property Grid
555,549.80	4,177,426.50	0.06	0.06	Property Grid
550,849.80	4,177,526.50	31.07	277.08	Property Grid
550,949.80	4,177,526.50	31.41	210.02	Property Grid
551,049.80	4,177,526.50	34.35	210.02	Property Grid
551,149.80	4,177,526.50	47.04	210.02	Property Grid
551,249.80	4,177,526.50	64.01	146.72	Property Grid
551,349.80	4,177,526.50	85.89	146.72	Property Grid
551,449.80	4,177,526.50	106.32	146.72	Property Grid
551,549.80	4,177,526.50	124.58	146.72	Property Grid
551,649.80	4,177,526.50	92.78	146.72	Property Grid
551,749.80	4,177,526.50	78.67	146.72	Property Grid
551,849.80	4,177,526.50	83.78	146.72	Property Grid
551,949.80	4,177,526.50	66.46	146.72	Property Grid
552,049.80	4,177,526.50	71.12	146.72	Property Grid
552,149.80	4,177,526.50	64.92	146.72	Property Grid
552,249.80	4,177,526.50	37.90	146.72	Property Grid
552,349.80	4,177,526.50	17.69	146.72	Property Grid
552,449.80	4,177,526.50	4.16	146.72	Property Grid
552,549.80	4,177,526.50	4.43	146.72	Property Grid
552,649.80	4,177,526.50	4.50	146.72	Property Grid
552,749.80	4,177,526.50	4.51	146.72	Property Grid
552,849.80	4,177,526.50	4.33	146.72	Property Grid
552,949.80	4,177,526.50	3.74	146.72	Property Grid
553,049.80	4,177,526.50	2.95	2.95	Property Grid
553,149.80	4,177,526.50	2.99	2.99	Property Grid
553,249.80	4,177,526.50	3.00	3.00	Property Grid
553,349.80	4,177,526.50	3.00	3.00	Property Grid
553,449.80	4,177,526.50	3.00	3.00	Property Grid
553,549.80	4,177,526.50	3.00	3.00	Property Grid
553,649.80	4,177,526.50	3.00	3.00	Property Grid
553,749.80	4,177,526.50	3.00	3.00	Property Grid
553,849.80	4,177,526.50	3.00	3.00	Property Grid
553,949.80	4,177,526.50	2.95	2.95	Property Grid
554,049.80	4,177,526.50	3.00	3.00	Property Grid
554,149.80	4,177,526.50	3.00	3.00	Property Grid
554,249.80	4,177,526.50	2.99	2.99	Property Grid
554,349.80	4,177,526.50	3.00	3.00	Property Grid
554,449.80	4,177,526.50	3.03	3.03	Property Grid
554,549.80	4,177,526.50	2.91	2.91	Property Grid
554,649.80	4,177,526.50	3.13	3.13	Property Grid
554,749.80	4,177,526.50	2.93	2.93	Property Grid
554,849.80	4,177,526.50	2.79	2.79	Property Grid
554,949.80	4,177,526.50	3.23	3.23	Property Grid
555,049.80	4,177,526.50	2.92	2.92	Property Grid
555,149.80	4,177,526.50	3.01	3.01	Property Grid
555,249.80	4,177,526.50	2.63	2.63	Property Grid
555,349.80	4,177,526.50	2.10	2.10	Property Grid
555,449.80	4,177,526.50	1.21	1.21	Property Grid
550,949.80	4,177,626.50	29.21	277.08	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,049.80	4,177,626.50	30.11	210.02	Property Grid
551,149.80	4,177,626.50	42.65	210.02	Property Grid
551,249.80	4,177,626.50	61.66	146.72	Property Grid
551,349.80	4,177,626.50	71.52	146.72	Property Grid
551,449.80	4,177,626.50	77.85	146.72	Property Grid
551,549.80	4,177,626.50	84.28	146.72	Property Grid
551,649.80	4,177,626.50	68.73	146.72	Property Grid
551,749.80	4,177,626.50	54.15	146.72	Property Grid
551,849.80	4,177,626.50	53.13	146.72	Property Grid
551,949.80	4,177,626.50	46.94	146.72	Property Grid
552,049.80	4,177,626.50	57.86	146.72	Property Grid
552,149.80	4,177,626.50	68.08	146.72	Property Grid
552,249.80	4,177,626.50	49.42	146.72	Property Grid
552,349.80	4,177,626.50	27.41	146.72	Property Grid
552,449.80	4,177,626.50	5.77	146.72	Property Grid
552,549.80	4,177,626.50	4.21	146.72	Property Grid
552,649.80	4,177,626.50	4.23	146.72	Property Grid
552,749.80	4,177,626.50	4.68	146.72	Property Grid
552,849.80	4,177,626.50	4.05	146.72	Property Grid
552,949.80	4,177,626.50	3.37	146.72	Property Grid
553,049.80	4,177,626.50	2.98	2.98	Property Grid
553,149.80	4,177,626.50	2.99	2.99	Property Grid
553,249.80	4,177,626.50	2.99	2.99	Property Grid
553,349.80	4,177,626.50	2.99	2.99	Property Grid
553,449.80	4,177,626.50	2.99	2.99	Property Grid
553,549.80	4,177,626.50	2.99	2.99	Property Grid
553,649.80	4,177,626.50	2.99	2.99	Property Grid
553,749.80	4,177,626.50	2.99	2.99	Property Grid
553,849.80	4,177,626.50	2.99	2.99	Property Grid
553,949.80	4,177,626.50	2.99	2.99	Property Grid
554,049.80	4,177,626.50	2.99	2.99	Property Grid
554,149.80	4,177,626.50	2.98	2.98	Property Grid
554,249.80	4,177,626.50	2.98	2.98	Property Grid
554,349.80	4,177,626.50	2.99	2.99	Property Grid
554,449.80	4,177,626.50	3.01	3.01	Property Grid
554,549.80	4,177,626.50	2.94	2.94	Property Grid
554,649.80	4,177,626.50	3.10	3.10	Property Grid
554,749.80	4,177,626.50	3.00	3.00	Property Grid
554,849.80	4,177,626.50	2.88	2.88	Property Grid
554,949.80	4,177,626.50	3.09	3.09	Property Grid
555,049.80	4,177,626.50	2.53	2.53	Property Grid
555,149.80	4,177,626.50	2.67	2.67	Property Grid
555,249.80	4,177,626.50	2.21	2.21	Property Grid
555,349.80	4,177,626.50	1.73	1.73	Property Grid
551,049.80	4,177,726.50	27.29	210.02	Property Grid
551,149.80	4,177,726.50	28.66	210.02	Property Grid
551,249.80	4,177,726.50	37.84	146.72	Property Grid
551,349.80	4,177,726.50	51.27	146.72	Property Grid
551,449.80	4,177,726.50	69.85	146.72	Property Grid
551,549.80	4,177,726.50	61.49	146.72	Property Grid
551,649.80	4,177,726.50	48.49	146.72	Property Grid
551,749.80	4,177,726.50	39.63	146.72	Property Grid
551,849.80	4,177,726.50	33.66	146.72	Property Grid
551,949.80	4,177,726.50	29.40	146.72	Property Grid
552,049.80	4,177,726.50	43.99	146.72	Property Grid
552,149.80	4,177,726.50	63.70	146.72	Property Grid
552,249.80	4,177,726.50	65.06	146.72	Property Grid
552,349.80	4,177,726.50	38.97	146.72	Property Grid
552,449.80	4,177,726.50	16.60	146.72	Property Grid
552,549.80	4,177,726.50	3.87	146.72	Property Grid
552,649.80	4,177,726.50	3.94	146.72	Property Grid
552,749.80	4,177,726.50	4.07	146.72	Property Grid
552,849.80	4,177,726.50	4.21	146.72	Property Grid
552,949.80	4,177,726.50	3.76	3.76	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,049.80	4,177,726.50	3.03	3.03	Property Grid
553,149.80	4,177,726.50	3.04	3.04	Property Grid
553,249.80	4,177,726.50	3.06	3.06	Property Grid
553,349.80	4,177,726.50	3.06	3.06	Property Grid
553,449.80	4,177,726.50	3.04	3.04	Property Grid
553,549.80	4,177,726.50	3.02	3.02	Property Grid
553,649.80	4,177,726.50	3.02	3.02	Property Grid
553,749.80	4,177,726.50	3.01	3.01	Property Grid
553,849.80	4,177,726.50	3.00	3.00	Property Grid
553,949.80	4,177,726.50	2.99	2.99	Property Grid
554,049.80	4,177,726.50	2.99	2.99	Property Grid
554,149.80	4,177,726.50	2.98	2.98	Property Grid
554,249.80	4,177,726.50	2.98	2.98	Property Grid
554,349.80	4,177,726.50	2.98	2.98	Property Grid
554,449.80	4,177,726.50	3.00	3.00	Property Grid
554,549.80	4,177,726.50	2.96	2.96	Property Grid
554,649.80	4,177,726.50	3.07	3.07	Property Grid
554,749.80	4,177,726.50	3.05	3.05	Property Grid
554,849.80	4,177,726.50	2.98	2.98	Property Grid
554,949.80	4,177,726.50	2.98	2.98	Property Grid
555,049.80	4,177,726.50	2.03	2.03	Property Grid
555,149.80	4,177,726.50	0.62	0.62	Property Grid
555,249.80	4,177,726.50	1.89	1.89	Property Grid
551,149.80	4,177,826.50	23.09	210.02	Property Grid
551,249.80	4,177,826.50	27.18	210.02	Property Grid
551,349.80	4,177,826.50	38.78	146.72	Property Grid
551,449.80	4,177,826.50	48.92	146.72	Property Grid
551,549.80	4,177,826.50	46.70	146.72	Property Grid
551,649.80	4,177,826.50	33.58	146.72	Property Grid
551,749.80	4,177,826.50	26.38	146.72	Property Grid
551,849.80	4,177,826.50	21.03	146.72	Property Grid
551,949.80	4,177,826.50	20.20	146.72	Property Grid
552,049.80	4,177,826.50	35.81	146.72	Property Grid
552,149.80	4,177,826.50	45.35	146.72	Property Grid
552,249.80	4,177,826.50	59.78	146.72	Property Grid
552,349.80	4,177,826.50	44.33	146.72	Property Grid
552,449.80	4,177,826.50	16.52	146.72	Property Grid
552,549.80	4,177,826.50	6.69	146.72	Property Grid
552,649.80	4,177,826.50	3.55	146.72	Property Grid
552,749.80	4,177,826.50	5.09	146.72	Property Grid
552,849.80	4,177,826.50	7.49	146.72	Property Grid
552,949.80	4,177,826.50	7.71	7.71	Property Grid
553,049.80	4,177,826.50	5.28	5.28	Property Grid
553,149.80	4,177,826.50	2.82	2.82	Property Grid
553,249.80	4,177,826.50	2.91	2.91	Property Grid
553,349.80	4,177,826.50	2.94	2.94	Property Grid
553,449.80	4,177,826.50	2.94	2.94	Property Grid
553,549.80	4,177,826.50	2.93	2.93	Property Grid
553,649.80	4,177,826.50	2.91	2.91	Property Grid
553,749.80	4,177,826.50	2.87	2.87	Property Grid
553,849.80	4,177,826.50	2.83	2.83	Property Grid
553,949.80	4,177,826.50	2.80	2.80	Property Grid
554,049.80	4,177,826.50	2.79	2.79	Property Grid
554,149.80	4,177,826.50	2.79	2.79	Property Grid
554,249.80	4,177,826.50	2.79	2.79	Property Grid
554,349.80	4,177,826.50	2.80	2.80	Property Grid
554,449.80	4,177,826.50	2.83	2.83	Property Grid
554,549.80	4,177,826.50	2.84	2.84	Property Grid
554,649.80	4,177,826.50	2.94	2.94	Property Grid
554,749.80	4,177,826.50	2.96	2.96	Property Grid
554,849.80	4,177,826.50	2.98	2.98	Property Grid
554,949.80	4,177,826.50	2.86	2.86	Property Grid
555,049.80	4,177,826.50	1.68	1.68	Property Grid
555,149.80	4,177,826.50	0.00	0.00	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,249.80	4,177,926.50	21.25	210.02	Property Grid
551,349.80	4,177,926.50	22.34	146.72	Property Grid
551,449.80	4,177,926.50	26.26	146.72	Property Grid
551,549.80	4,177,926.50	26.75	146.72	Property Grid
551,649.80	4,177,926.50	22.81	146.72	Property Grid
551,749.80	4,177,926.50	20.36	146.72	Property Grid
551,849.80	4,177,926.50	15.36	146.72	Property Grid
551,949.80	4,177,926.50	14.63	146.72	Property Grid
552,049.80	4,177,926.50	19.53	146.72	Property Grid
552,149.80	4,177,926.50	26.91	146.72	Property Grid
552,249.80	4,177,926.50	38.78	146.72	Property Grid
552,349.80	4,177,926.50	45.58	146.72	Property Grid
552,449.80	4,177,926.50	21.42	146.72	Property Grid
552,549.80	4,177,926.50	5.15	146.72	Property Grid
552,649.80	4,177,926.50	7.00	146.72	Property Grid
552,749.80	4,177,926.50	7.21	146.72	Property Grid
552,849.80	4,177,926.50	7.15	146.72	Property Grid
552,949.80	4,177,926.50	7.11	77.92	Property Grid
553,049.80	4,177,926.50	7.30	77.92	Property Grid
553,149.80	4,177,926.50	6.84	77.92	Property Grid
553,249.80	4,177,926.50	2.50	93.62	Property Grid
553,349.80	4,177,926.50	2.67	2.67	Property Grid
553,449.80	4,177,926.50	2.82	2.82	Property Grid
553,549.80	4,177,926.50	2.95	2.95	Property Grid
553,649.80	4,177,926.50	2.43	2.43	Property Grid
553,749.80	4,177,926.50	1.41	1.41	Property Grid
553,849.80	4,177,926.50	1.51	1.51	Property Grid
553,949.80	4,177,926.50	2.79	2.79	Property Grid
554,049.80	4,177,926.50	1.57	1.57	Property Grid
554,149.80	4,177,926.50	1.58	1.58	Property Grid
554,249.80	4,177,926.50	2.24	2.24	Property Grid
554,349.80	4,177,926.50	2.55	2.55	Property Grid
554,449.80	4,177,926.50	2.51	2.51	Property Grid
554,549.80	4,177,926.50	2.52	2.52	Property Grid
554,649.80	4,177,926.50	2.08	2.08	Property Grid
554,749.80	4,177,926.50	2.20	2.20	Property Grid
554,849.80	4,177,926.50	2.59	2.59	Property Grid
554,949.80	4,177,926.50	2.42	2.42	Property Grid
555,049.80	4,177,926.50	0.58	0.58	Property Grid
551,349.80	4,178,026.50	18.21	146.72	Property Grid
551,449.80	4,178,026.50	18.16	146.72	Property Grid
551,549.80	4,178,026.50	18.26	146.72	Property Grid
551,649.80	4,178,026.50	16.36	146.72	Property Grid
551,749.80	4,178,026.50	15.08	146.72	Property Grid
551,849.80	4,178,026.50	14.82	146.72	Property Grid
551,949.80	4,178,026.50	15.59	146.72	Property Grid
552,049.80	4,178,026.50	14.07	146.72	Property Grid
552,149.80	4,178,026.50	13.33	146.72	Property Grid
552,249.80	4,178,026.50	19.63	146.72	Property Grid
552,349.80	4,178,026.50	32.95	146.72	Property Grid
552,449.80	4,178,026.50	32.56	146.72	Property Grid
552,549.80	4,178,026.50	7.84	146.72	Property Grid
552,649.80	4,178,026.50	6.48	146.72	Property Grid
552,749.80	4,178,026.50	5.62	146.72	Property Grid
552,849.80	4,178,026.50	5.87	96.65	Property Grid
552,949.80	4,178,026.50	5.97	96.65	Property Grid
553,049.80	4,178,026.50	5.88	96.65	Property Grid
553,149.80	4,178,026.50	5.21	96.65	Property Grid
553,249.80	4,178,026.50	4.31	96.65	Property Grid
553,349.80	4,178,026.50	3.74	96.08	Property Grid
553,449.80	4,178,026.50	4.10	95.59	Property Grid
553,549.80	4,178,026.50	0.00	93.23	Property Grid
553,649.80	4,178,026.50	0.57	0.57	Property Grid
553,749.80	4,178,026.50	3.19	3.19	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,849.80	4,178,026.50	2.66	2.66	Property Grid
553,949.80	4,178,026.50	3.21	3.21	Property Grid
554,049.80	4,178,026.50	2.33	2.33	Property Grid
554,149.80	4,178,026.50	0.00	0.00	Property Grid
554,249.80	4,178,026.50	0.00	0.00	Property Grid
554,349.80	4,178,026.50	0.00	0.00	Property Grid
554,449.80	4,178,026.50	0.00	0.00	Property Grid
554,549.80	4,178,026.50	0.00	0.00	Property Grid
554,649.80	4,178,026.50	0.00	0.00	Property Grid
554,749.80	4,178,026.50	0.00	0.00	Property Grid
554,849.80	4,178,026.50	0.00	0.00	Property Grid
551,549.80	4,178,126.50	16.30	146.72	Property Grid
551,649.80	4,178,126.50	16.66	146.72	Property Grid
551,749.80	4,178,126.50	16.68	146.72	Property Grid
551,849.80	4,178,126.50	16.16	146.72	Property Grid
551,949.80	4,178,126.50	15.47	146.72	Property Grid
552,049.80	4,178,126.50	14.55	146.72	Property Grid
552,149.80	4,178,126.50	13.74	146.72	Property Grid
552,249.80	4,178,126.50	12.16	146.72	Property Grid
552,349.80	4,178,126.50	11.18	146.72	Property Grid
552,449.80	4,178,126.50	11.90	146.72	Property Grid
552,549.80	4,178,126.50	11.56	146.72	Property Grid
552,649.80	4,178,126.50	10.12	146.72	Property Grid
552,749.80	4,178,126.50	8.30	146.72	Property Grid
552,849.80	4,178,126.50	7.35	96.85	Property Grid
552,949.80	4,178,126.50	8.19	96.85	Property Grid
553,049.80	4,178,126.50	8.22	96.85	Property Grid
553,149.80	4,178,126.50	7.75	96.65	Property Grid
553,249.80	4,178,126.50	7.65	96.65	Property Grid
553,349.80	4,178,126.50	6.71	96.65	Property Grid
553,449.80	4,178,126.50	3.65	96.65	Property Grid
553,549.80	4,178,126.50	2.51	95.89	Property Grid
553,649.80	4,178,126.50	2.51	93.23	Property Grid
553,749.80	4,178,126.50	2.60	2.60	Property Grid
553,849.80	4,178,126.50	2.70	2.70	Property Grid
553,949.80	4,178,126.50	2.70	2.70	Property Grid
554,049.80	4,178,126.50	2.71	2.71	Property Grid
554,149.80	4,178,126.50	2.66	2.66	Property Grid
554,249.80	4,178,126.50	2.59	2.59	Property Grid
554,349.80	4,178,126.50	-0.29	-0.29	Property Grid
554,449.80	4,178,126.50	0.00	0.00	Property Grid
554,549.80	4,178,126.50	2.24	2.24	Property Grid
554,649.80	4,178,126.50	2.76	2.76	Property Grid
554,749.80	4,178,126.50	2.56	2.56	Property Grid
551,649.80	4,178,226.50	17.41	146.72	Property Grid
551,749.80	4,178,226.50	16.46	146.72	Property Grid
551,849.80	4,178,226.50	15.67	146.72	Property Grid
551,949.80	4,178,226.50	15.37	146.72	Property Grid
552,049.80	4,178,226.50	14.26	146.72	Property Grid
552,149.80	4,178,226.50	13.33	146.72	Property Grid
552,249.80	4,178,226.50	13.09	146.72	Property Grid
552,349.80	4,178,226.50	12.40	146.72	Property Grid
552,449.80	4,178,226.50	14.29	146.72	Property Grid
552,549.80	4,178,226.50	14.54	146.72	Property Grid
552,649.80	4,178,226.50	13.07	96.85	Property Grid
552,749.80	4,178,226.50	11.40	96.89	Property Grid
552,849.80	4,178,226.50	10.28	96.89	Property Grid
552,949.80	4,178,226.50	12.41	96.89	Property Grid
553,049.80	4,178,226.50	11.93	96.89	Property Grid
553,149.80	4,178,226.50	10.90	96.85	Property Grid
553,249.80	4,178,226.50	10.26	96.85	Property Grid
553,349.80	4,178,226.50	9.14	96.65	Property Grid
553,449.80	4,178,226.50	4.84	96.65	Property Grid
553,549.80	4,178,226.50	4.45	96.65	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,649.80	4,178,226.50	3.86	95.89	Property Grid
553,749.80	4,178,226.50	3.82	85.98	Property Grid
553,849.80	4,178,226.50	3.92	3.92	Property Grid
553,949.80	4,178,226.50	3.47	3.47	Property Grid
554,049.80	4,178,226.50	3.18	3.18	Property Grid
554,149.80	4,178,226.50	2.70	2.70	Property Grid
554,249.80	4,178,226.50	2.45	2.45	Property Grid
554,349.80	4,178,226.50	2.10	2.10	Property Grid
554,449.80	4,178,226.50	2.10	2.10	Property Grid
554,549.80	4,178,226.50	1.99	1.99	Property Grid
551,849.80	4,178,326.50	16.08	146.72	Property Grid
551,949.80	4,178,326.50	14.49	146.72	Property Grid
552,049.80	4,178,326.50	13.20	146.72	Property Grid
552,149.80	4,178,326.50	12.78	146.72	Property Grid
552,249.80	4,178,326.50	12.76	146.72	Property Grid
552,349.80	4,178,326.50	17.42	146.72	Property Grid
552,449.80	4,178,326.50	19.87	146.72	Property Grid
552,549.80	4,178,326.50	16.31	96.89	Property Grid
552,649.80	4,178,326.50	15.02	96.89	Property Grid
552,749.80	4,178,326.50	26.77	96.85	Property Grid
552,849.80	4,178,326.50	30.51	96.85	Property Grid
552,949.80	4,178,326.50	20.23	96.89	Property Grid
553,049.80	4,178,326.50	15.08	96.89	Property Grid
553,149.80	4,178,326.50	14.84	96.89	Property Grid
553,249.80	4,178,326.50	12.99	96.89	Property Grid
553,349.80	4,178,326.50	9.13	96.89	Property Grid
553,449.80	4,178,326.50	8.25	96.85	Property Grid
553,549.80	4,178,326.50	8.95	96.65	Property Grid
553,649.80	4,178,326.50	6.57	96.08	Property Grid
553,749.80	4,178,326.50	6.11	95.59	Property Grid
553,849.80	4,178,326.50	5.42	5.42	Property Grid
553,949.80	4,178,326.50	5.24	5.24	Property Grid
554,049.80	4,178,326.50	4.16	4.16	Property Grid
554,149.80	4,178,326.50	3.12	3.12	Property Grid
554,249.80	4,178,326.50	1.87	1.87	Property Grid
554,349.80	4,178,326.50	1.93	1.93	Property Grid
552,149.80	4,178,426.50	14.67	146.72	Property Grid
552,249.80	4,178,426.50	15.33	146.72	Property Grid
552,349.80	4,178,426.50	16.40	146.72	Property Grid
552,449.80	4,178,426.50	15.74	96.89	Property Grid
552,549.80	4,178,426.50	16.19	96.89	Property Grid
552,649.80	4,178,426.50	21.17	96.89	Property Grid
552,749.80	4,178,426.50	34.89	96.85	Property Grid
552,849.80	4,178,426.50	49.05	96.08	Property Grid
552,949.80	4,178,426.50	46.49	96.65	Property Grid
553,049.80	4,178,426.50	37.94	96.85	Property Grid
553,149.80	4,178,426.50	24.98	96.89	Property Grid
553,249.80	4,178,426.50	18.14	96.89	Property Grid
553,349.80	4,178,426.50	8.90	96.89	Property Grid
553,449.80	4,178,426.50	9.26	96.89	Property Grid
553,549.80	4,178,426.50	13.76	96.65	Property Grid
553,649.80	4,178,426.50	9.05	96.65	Property Grid
553,749.80	4,178,426.50	8.10	95.89	Property Grid
553,849.80	4,178,426.50	7.25	87.18	Property Grid
553,949.80	4,178,426.50	6.21	6.21	Property Grid
554,049.80	4,178,426.50	4.40	4.40	Property Grid
554,149.80	4,178,426.50	3.52	3.52	Property Grid
552,449.80	4,178,526.50	16.11	96.89	Property Grid
552,549.80	4,178,526.50	19.07	96.89	Property Grid
552,649.80	4,178,526.50	23.89	96.89	Property Grid
552,749.80	4,178,526.50	40.86	96.89	Property Grid
552,849.80	4,178,526.50	63.47	77.92	Property Grid
552,949.80	4,178,526.50	65.05	77.92	Property Grid
553,049.80	4,178,526.50	49.70	96.65	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,149.80	4,178,526.50	30.35	96.89	Property Grid
553,249.80	4,178,526.50	33.61	96.85	Property Grid
553,349.80	4,178,526.50	38.13	96.65	Property Grid
553,449.80	4,178,526.50	22.60	96.85	Property Grid
553,549.80	4,178,526.50	15.87	96.65	Property Grid
553,649.80	4,178,526.50	10.30	96.65	Property Grid
553,749.80	4,178,526.50	7.38	96.65	Property Grid
553,849.80	4,178,526.50	6.25	95.59	Property Grid
550,149.80	4,168,326.50	30.78	400.26	Property Grid
550,649.80	4,168,326.50	35.08	400.26	Property Grid
551,149.80	4,168,326.50	47.47	400.26	Property Grid
551,649.80	4,168,326.50	60.69	366.05	Property Grid
552,149.80	4,168,326.50	20.91	399.98	Property Grid
552,649.80	4,168,326.50	8.06	366.05	Property Grid
553,149.80	4,168,326.50	9.05	359.29	Property Grid
553,649.80	4,168,326.50	20.76	359.29	Property Grid
554,149.80	4,168,326.50	15.93	319.10	Property Grid
549,149.80	4,168,826.50	25.43	400.26	Property Grid
549,649.80	4,168,826.50	41.82	400.26	Property Grid
550,149.80	4,168,826.50	47.28	400.26	Property Grid
550,649.80	4,168,826.50	105.54	400.26	Property Grid
551,149.80	4,168,826.50	161.69	359.29	Property Grid
551,649.80	4,168,826.50	59.86	400.26	Property Grid
552,149.80	4,168,826.50	31.53	400.26	Property Grid
552,649.80	4,168,826.50	33.32	366.05	Property Grid
553,149.80	4,168,826.50	7.91	366.05	Property Grid
553,649.80	4,168,826.50	4.31	359.29	Property Grid
554,149.80	4,168,826.50	4.58	359.29	Property Grid
554,649.80	4,168,826.50	0.00	319.10	Property Grid
548,649.80	4,169,326.50	39.70	400.26	Property Grid
549,149.80	4,169,326.50	54.38	400.26	Property Grid
549,649.80	4,169,326.50	53.42	400.26	Property Grid
550,149.80	4,169,326.50	115.36	400.26	Property Grid
550,649.80	4,169,326.50	120.49	400.26	Property Grid
551,149.80	4,169,326.50	67.76	400.26	Property Grid
551,649.80	4,169,326.50	87.54	400.26	Property Grid
552,149.80	4,169,326.50	90.15	399.98	Property Grid
552,649.80	4,169,326.50	205.64	319.10	Property Grid
553,149.80	4,169,326.50	81.34	359.29	Property Grid
553,649.80	4,169,326.50	5.58	359.29	Property Grid
554,149.80	4,169,326.50	0.00	359.29	Property Grid
554,649.80	4,169,326.50	0.00	319.10	Property Grid
555,149.80	4,169,326.50	0.00	319.10	Property Grid
555,649.80	4,169,326.50	0.00	0.00	Property Grid
548,149.80	4,169,826.50	34.12	400.26	Property Grid
548,649.80	4,169,826.50	60.12	400.26	Property Grid
549,149.80	4,169,826.50	76.77	400.26	Property Grid
549,649.80	4,169,826.50	79.71	400.26	Property Grid
550,149.80	4,169,826.50	110.67	400.26	Property Grid
550,649.80	4,169,826.50	187.83	400.26	Property Grid
551,149.80	4,169,826.50	195.88	400.26	Property Grid
551,649.80	4,169,826.50	160.78	399.98	Property Grid
552,149.80	4,169,826.50	264.51	319.10	Property Grid
552,649.80	4,169,826.50	274.51	319.10	Property Grid
553,149.80	4,169,826.50	187.13	319.10	Property Grid
553,649.80	4,169,826.50	78.27	359.29	Property Grid
554,149.80	4,169,826.50	3.72	359.29	Property Grid
554,649.80	4,169,826.50	0.00	319.10	Property Grid
555,149.80	4,169,826.50	0.00	319.10	Property Grid
555,649.80	4,169,826.50	0.00	308.68	Property Grid
547,649.80	4,170,326.50	40.02	400.26	Property Grid
548,149.80	4,170,326.50	60.87	400.26	Property Grid
548,649.80	4,170,326.50	86.44	400.26	Property Grid
549,149.80	4,170,326.50	167.23	400.26	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
549,649.80	4,170,326.50	123.45	400.26	Property Grid
550,149.80	4,170,326.50	230.50	400.26	Property Grid
554,149.80	4,170,326.50	0.00	359.29	Property Grid
554,649.80	4,170,326.50	0.00	319.10	Property Grid
555,149.80	4,170,326.50	0.00	319.10	Property Grid
555,649.80	4,170,326.50	0.00	0.00	Property Grid
556,149.80	4,170,326.50	0.00	0.00	Property Grid
547,649.80	4,170,826.50	62.22	400.26	Property Grid
548,149.80	4,170,826.50	75.96	400.26	Property Grid
548,649.80	4,170,826.50	102.47	400.26	Property Grid
549,149.80	4,170,826.50	155.66	400.26	Property Grid
554,649.80	4,170,826.50	0.00	319.10	Property Grid
555,149.80	4,170,826.50	0.00	319.10	Property Grid
555,649.80	4,170,826.50	0.00	0.00	Property Grid
556,149.80	4,170,826.50	0.00	0.00	Property Grid
556,649.80	4,170,826.50	0.00	0.00	Property Grid
547,149.80	4,171,326.50	53.62	400.26	Property Grid
547,649.80	4,171,326.50	66.98	400.26	Property Grid
548,149.80	4,171,326.50	90.68	400.26	Property Grid
548,649.80	4,171,326.50	138.33	400.26	Property Grid
549,149.80	4,171,326.50	248.75	400.26	Property Grid
555,149.80	4,171,326.50	0.00	317.26	Property Grid
555,649.80	4,171,326.50	0.00	0.00	Property Grid
556,149.80	4,171,326.50	0.00	0.00	Property Grid
556,649.80	4,171,326.50	0.00	0.00	Property Grid
547,149.80	4,171,826.50	69.95	400.26	Property Grid
547,649.80	4,171,826.50	74.15	400.26	Property Grid
548,149.80	4,171,826.50	109.71	400.26	Property Grid
548,649.80	4,171,826.50	291.87	298.46	Property Grid
555,149.80	4,171,826.50	0.00	0.00	Property Grid
555,649.80	4,171,826.50	0.00	0.00	Property Grid
556,149.80	4,171,826.50	0.00	0.00	Property Grid
556,649.80	4,171,826.50	0.00	0.00	Property Grid
547,149.80	4,172,326.50	83.96	400.26	Property Grid
547,649.80	4,172,326.50	130.57	400.26	Property Grid
548,149.80	4,172,326.50	122.66	400.26	Property Grid
548,649.80	4,172,326.50	189.35	400.26	Property Grid
555,149.80	4,172,326.50	0.00	0.00	Property Grid
555,649.80	4,172,326.50	0.00	0.00	Property Grid
556,149.80	4,172,326.50	0.00	0.00	Property Grid
556,649.80	4,172,326.50	0.00	0.00	Property Grid
557,149.80	4,172,326.50	0.00	0.00	Property Grid
547,149.80	4,172,826.50	95.69	400.26	Property Grid
547,649.80	4,172,826.50	162.59	238.29	Property Grid
548,149.80	4,172,826.50	207.48	238.29	Property Grid
548,649.80	4,172,826.50	130.12	400.26	Property Grid
555,649.80	4,172,826.50	0.00	0.00	Property Grid
556,149.80	4,172,826.50	0.00	0.00	Property Grid
556,649.80	4,172,826.50	0.00	0.00	Property Grid
557,149.80	4,172,826.50	0.00	0.00	Property Grid
547,149.80	4,173,326.50	99.10	238.29	Property Grid
547,649.80	4,173,326.50	119.65	238.29	Property Grid
548,149.80	4,173,326.50	117.18	400.26	Property Grid
548,649.80	4,173,326.50	133.91	400.26	Property Grid
555,649.80	4,173,326.50	0.00	0.00	Property Grid
556,149.80	4,173,326.50	0.00	0.00	Property Grid
556,649.80	4,173,326.50	0.00	0.00	Property Grid
557,149.80	4,173,326.50	0.00	0.00	Property Grid
557,649.80	4,173,326.50	0.00	0.00	Property Grid
547,149.80	4,173,826.50	84.15	238.29	Property Grid
547,649.80	4,173,826.50	90.84	238.29	Property Grid
548,149.80	4,173,826.50	88.83	400.26	Property Grid
548,649.80	4,173,826.50	97.10	400.26	Property Grid
555,649.80	4,173,826.50	0.00	0.00	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
556,149.80	4,173,826.50	0.00	0.00	Property Grid
556,649.80	4,173,826.50	0.00	0.00	Property Grid
557,149.80	4,173,826.50	0.00	0.00	Property Grid
557,649.80	4,173,826.50	0.00	0.00	Property Grid
547,149.80	4,174,326.50	101.06	157.15	Property Grid
547,649.80	4,174,326.50	102.60	157.15	Property Grid
548,149.80	4,174,326.50	117.69	147.50	Property Grid
548,649.80	4,174,326.50	65.06	400.26	Property Grid
556,149.80	4,174,326.50	0.00	0.00	Property Grid
556,649.80	4,174,326.50	0.00	0.00	Property Grid
557,149.80	4,174,326.50	0.00	0.00	Property Grid
557,649.80	4,174,326.50	0.00	0.00	Property Grid
547,149.80	4,174,826.50	106.59	157.15	Property Grid
547,649.80	4,174,826.50	108.61	157.15	Property Grid
548,149.80	4,174,826.50	116.03	147.50	Property Grid
548,649.80	4,174,826.50	78.55	147.50	Property Grid
556,149.80	4,174,826.50	0.00	0.00	Property Grid
556,649.80	4,174,826.50	0.00	0.00	Property Grid
557,149.80	4,174,826.50	0.00	0.00	Property Grid
557,649.80	4,174,826.50	0.00	0.00	Property Grid
547,149.80	4,175,326.50	72.03	281.86	Property Grid
547,649.80	4,175,326.50	82.64	281.86	Property Grid
548,149.80	4,175,326.50	90.53	281.86	Property Grid
548,649.80	4,175,326.50	72.64	281.86	Property Grid
549,149.80	4,175,326.50	52.55	281.86	Property Grid
556,649.80	4,175,326.50	0.00	0.00	Property Grid
557,149.80	4,175,326.50	0.00	0.00	Property Grid
557,649.80	4,175,326.50	0.00	0.00	Property Grid
558,149.80	4,175,326.50	0.00	0.00	Property Grid
547,649.80	4,175,826.50	112.54	281.86	Property Grid
548,149.80	4,175,826.50	103.96	281.86	Property Grid
548,649.80	4,175,826.50	102.33	281.86	Property Grid
549,149.80	4,175,826.50	54.30	281.86	Property Grid
549,649.80	4,175,826.50	38.82	281.86	Property Grid
556,649.80	4,175,826.50	0.00	0.00	Property Grid
557,149.80	4,175,826.50	0.00	0.00	Property Grid
557,649.80	4,175,826.50	0.00	0.00	Property Grid
558,149.80	4,175,826.50	0.00	0.00	Property Grid
548,149.80	4,176,326.50	144.00	281.86	Property Grid
548,649.80	4,176,326.50	103.50	281.86	Property Grid
549,149.80	4,176,326.50	106.37	281.86	Property Grid
549,649.80	4,176,326.50	76.28	281.86	Property Grid
550,149.80	4,176,326.50	47.95	281.86	Property Grid
556,149.80	4,176,326.50	0.00	0.00	Property Grid
556,649.80	4,176,326.50	0.00	0.00	Property Grid
557,149.80	4,176,326.50	0.00	0.00	Property Grid
557,649.80	4,176,326.50	0.00	0.00	Property Grid
548,149.80	4,176,826.50	244.63	281.86	Property Grid
548,649.80	4,176,826.50	174.42	281.86	Property Grid
549,149.80	4,176,826.50	115.18	281.86	Property Grid
549,649.80	4,176,826.50	114.93	281.86	Property Grid
550,149.80	4,176,826.50	112.79	210.02	Property Grid
556,149.80	4,176,826.50	0.00	0.00	Property Grid
556,649.80	4,176,826.50	0.00	0.00	Property Grid
557,149.80	4,176,826.50	0.00	0.00	Property Grid
557,649.80	4,176,826.50	0.00	0.00	Property Grid
548,649.80	4,177,326.50	172.48	281.86	Property Grid
549,149.80	4,177,326.50	106.54	281.86	Property Grid
549,649.80	4,177,326.50	178.14	210.02	Property Grid
550,149.80	4,177,326.50	66.38	281.86	Property Grid
555,649.80	4,177,326.50	0.00	0.00	Property Grid
556,149.80	4,177,326.50	0.00	0.00	Property Grid
556,649.80	4,177,326.50	0.00	0.00	Property Grid
557,149.80	4,177,326.50	0.00	0.00	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
557,649.80	4,177,326.50	0.00	0.00	Property Grid
548,649.80	4,177,826.50	169.21	281.86	Property Grid
549,149.80	4,177,826.50	201.73	208.74	Property Grid
549,649.80	4,177,826.50	127.01	277.08	Property Grid
550,149.80	4,177,826.50	76.38	277.08	Property Grid
550,649.80	4,177,826.50	32.56	277.08	Property Grid
555,649.80	4,177,826.50	0.00	0.00	Property Grid
556,149.80	4,177,826.50	0.00	0.00	Property Grid
556,649.80	4,177,826.50	0.00	0.00	Property Grid
557,149.80	4,177,826.50	0.00	0.00	Property Grid
549,149.80	4,178,326.50	129.99	277.08	Property Grid
549,649.80	4,178,326.50	73.91	281.86	Property Grid
550,149.80	4,178,326.50	49.44	277.08	Property Grid
550,649.80	4,178,326.50	63.75	277.08	Property Grid
551,149.80	4,178,326.50	23.07	277.08	Property Grid
551,649.80	4,178,326.50	17.88	146.72	Property Grid
554,649.80	4,178,326.50	0.00	0.00	Property Grid
555,149.80	4,178,326.50	0.00	0.00	Property Grid
555,649.80	4,178,326.50	0.00	0.00	Property Grid
556,149.80	4,178,326.50	0.00	0.00	Property Grid
556,649.80	4,178,326.50	0.00	0.00	Property Grid
557,149.80	4,178,326.50	0.00	0.00	Property Grid
549,649.80	4,178,826.50	106.67	277.08	Property Grid
550,149.80	4,178,826.50	112.90	277.08	Property Grid
550,649.80	4,178,826.50	43.41	277.08	Property Grid
551,149.80	4,178,826.50	22.32	277.08	Property Grid
551,649.80	4,178,826.50	15.17	15.17	Property Grid
552,149.80	4,178,826.50	15.89	96.89	Property Grid
552,649.80	4,178,826.50	42.11	96.89	Property Grid
553,149.80	4,178,826.50	87.56	87.56	Property Grid
553,649.80	4,178,826.50	6.91	96.89	Property Grid
554,149.80	4,178,826.50	6.77	6.77	Property Grid
554,649.80	4,178,826.50	0.00	0.00	Property Grid
555,149.80	4,178,826.50	0.00	0.00	Property Grid
555,649.80	4,178,826.50	0.00	0.00	Property Grid
556,149.80	4,178,826.50	0.00	0.00	Property Grid
556,649.80	4,178,826.50	0.00	0.00	Property Grid
550,149.80	4,179,326.50	43.93	277.30	Property Grid
550,649.80	4,179,326.50	18.93	277.08	Property Grid
551,149.80	4,179,326.50	14.15	277.08	Property Grid
551,649.80	4,179,326.50	8.43	8.43	Property Grid
552,149.80	4,179,326.50	16.53	96.89	Property Grid
552,649.80	4,179,326.50	77.98	77.98	Property Grid
553,149.80	4,179,326.50	59.30	59.30	Property Grid
553,649.80	4,179,326.50	14.36	96.89	Property Grid
554,149.80	4,179,326.50	6.17	6.17	Property Grid
554,649.80	4,179,326.50	0.00	0.00	Property Grid
555,149.80	4,179,326.50	0.00	0.00	Property Grid
555,649.80	4,179,326.50	0.00	0.00	Property Grid
556,149.80	4,179,326.50	0.00	0.00	Property Grid
550,649.80	4,179,826.50	19.32	277.08	Property Grid
551,149.80	4,179,826.50	9.86	9.86	Property Grid
551,649.80	4,179,826.50	6.94	6.94	Property Grid
552,149.80	4,179,826.50	21.90	21.90	Property Grid
552,649.80	4,179,826.50	10.89	96.89	Property Grid
553,149.80	4,179,826.50	14.91	95.25	Property Grid
553,649.80	4,179,826.50	4.76	57.19	Property Grid
554,149.80	4,179,826.50	0.00	0.00	Property Grid
554,649.80	4,179,826.50	0.00	0.00	Property Grid
555,149.80	4,179,826.50	0.00	0.00	Property Grid
555,649.80	4,179,826.50	0.00	0.00	Property Grid
551,649.80	4,180,326.50	6.92	6.92	Property Grid
552,149.80	4,180,326.50	7.31	7.31	Property Grid
552,649.80	4,180,326.50	4.44	4.44	Property Grid

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
553,149.80	4,180,326.50	3.16	3.16	Property Grid
553,649.80	4,180,326.50	3.36	3.36	Property Grid
554,149.80	4,180,326.50	0.68	0.68	Property Grid
554,649.80	4,180,326.50	0.00	0.00	Property Grid
551,694.12	4,172,763.67	23.22	400.26	SM_S01
545,206.06	4,172,448.98	49.01	49.01	SM_S02
546,966.72	4,172,223.40	74.53	400.26	SM_S03
548,115.79	4,172,184.37	85.60	400.26	SM_S04
545,668.02	4,172,109.51	41.58	125.23	SM_S05
549,459.03	4,173,415.95	156.85	400.26	SM_S06
545,945.62	4,173,202.84	36.74	36.74	SM_S07
545,618.39	4,170,885.66	138.52	138.52	SM_S08
547,182.30	4,173,103.73	101.49	238.29	SM_S09
546,352.19	4,170,407.58	136.91	138.52	SM_S10
545,407.86	4,170,172.17	112.06	221.52	SM_S11
545,189.70	4,168,538.45	103.05	221.52	SM_S12
544,982.43	4,171,676.59	104.09	117.84	SM_S13
547,268.84	4,171,704.56	65.67	400.26	SM_S14
547,797.03	4,171,611.88	62.54	400.26	SM_S15
547,599.38	4,171,525.49	57.51	400.26	SM_S16
550,265.25	4,166,817.39	15.48	15.48	SM_S17
547,574.04	4,166,485.99	119.58	231.29	SM_S18
546,156.64	4,170,211.65	117.09	141.14	SM_S19
550,755.86	4,169,276.75	94.81	400.26	SM_S20
549,283.86	4,169,008.72	40.54	400.26	SM_S21
545,742.16	4,169,088.63	192.49	206.67	SM_S22
549,741.03	4,168,896.28	45.01	400.26	SM_S23
546,192.40	4,171,036.93	85.64	162.80	SM_S24
552,031.47	4,168,667.10	26.52	400.26	SM_S25
551,533.20	4,163,503.22	30.79	149.72	SM_S26
550,038.67	4,166,718.46	22.93	179.22	SM_S27
550,583.63	4,166,903.21	15.03	359.29	SM_S28
546,889.16	4,171,446.98	57.92	400.26	SM_S29
548,869.23	4,173,511.74	120.78	400.26	SM_S30
551,642.80	4,173,295.89	13.09	400.26	SM_S31
549,890.04	4,166,110.02	46.42	179.22	SM_S32
545,042.81	4,166,118.99	37.15	223.44	SM_S33
550,541.70	4,168,480.93	44.52	400.26	SM_S34
549,987.33	4,168,485.62	35.84	400.26	SM_S35
545,745.01	4,168,219.71	174.80	216.34	SM_S36
546,817.85	4,168,257.88	138.60	225.84	SM_S37
549,463.11	4,168,157.62	16.97	400.26	SM_S38
547,994.26	4,167,828.17	93.25	203.24	SM_S39
547,539.54	4,173,211.85	132.47	238.29	SM_S40
545,874.12	4,167,416.58	161.02	225.84	SM_S41
547,160.94	4,167,301.01	180.97	203.24	SM_S42
549,732.71	4,167,181.29	32.46	32.46	SM_S43
550,553.49	4,167,241.27	8.73	359.29	SM_S44
551,568.17	4,164,295.43	18.41	18.41	SM_S45
548,756.50	4,164,145.62	150.55	387.63	SM_S46
551,312.80	4,163,341.28	49.08	374.98	SM_S47
552,501.60	4,164,273.76	7.94	7.94	SM_S48
545,040.33	4,167,174.37	32.56	225.84	SM_S49
550,455.57	4,163,074.01	129.17	135.16	SM_S50
551,817.20	4,163,266.53	28.09	149.72	SM_S51
549,766.10	4,163,137.00	153.53	387.63	SM_S52
552,961.77	4,162,350.84	13.50	13.50	SM_S53
544,873.68	4,165,818.18	14.77	284.27	SM_S54
546,861.04	4,165,130.53	197.62	284.27	SM_S55
549,040.71	4,165,046.18	142.48	384.47	SM_S56
548,882.11	4,167,845.41	40.69	400.26	SM_S57
549,889.20	4,164,351.57	115.99	387.63	SM_S58
550,731.14	4,169,068.80	96.04	400.26	SM_S59
547,777.30	4,172,450.43	159.62	400.26	SM_S60

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
552,711.11	4,161,459.36	32.54	361.43	SM_S61
545,964.66	4,172,023.20	39.98	47.71	SM_S62
552,527.21	4,162,145.92	39.29	165.61	SM_S63
552,180.07	4,171,099.57	40.31	400.26	SM_S64
548,261.14	4,164,309.74	215.92	387.50	SM_S65
548,508.36	4,168,489.05	46.43	400.26	SM_S66
551,592.28	4,167,904.41	30.27	366.05	SM_S67
552,378.11	4,162,679.44	21.52	21.52	SM_S68
552,945.27	4,170,529.33	37.76	400.26	SM_S69
547,150.08	4,164,903.75	191.50	377.02	SM_S70
546,976.47	4,171,194.07	55.55	400.26	SM_S71
547,808.07	4,171,503.56	67.86	400.26	SM_S72
551,324.07	4,161,758.29	84.07	427.48	SM_S73
550,611.72	4,165,151.59	29.45	383.05	SM_S74
545,326.81	4,165,831.90	38.22	284.27	SM_S75
551,179.25	4,167,974.12	22.07	400.26	SM_S76
551,501.01	4,168,147.37	42.03	383.18	SM_S77
548,376.98	4,165,593.69	139.64	232.42	SM_S78
552,957.94	4,162,915.13	5.51	5.51	SM_S79
545,407.86	4,170,172.17	112.06	221.52	SM_S80
554,493.08	4,178,268.28	1.54	1.54	SF_S01
549,777.75	4,180,298.70	60.18	277.08	SF_S02
548,054.95	4,180,860.93	92.93	277.69	SF_S03
547,714.34	4,179,734.87	110.36	277.69	SF_S04
552,336.41	4,175,001.95	85.93	117.48	SF_S05
545,850.37	4,175,266.26	31.59	31.59	SF_S06
548,263.50	4,181,171.71	104.34	104.34	SF_S07
551,239.20	4,177,965.54	20.68	210.02	SF_S08
546,471.52	4,174,364.12	63.31	157.15	SF_S09
545,892.16	4,175,046.83	37.43	37.43	SF_S10
551,057.31	4,179,342.33	14.97	277.08	SF_S11
552,642.07	4,183,144.43	5.09	88.22	SF_S12
548,304.52	4,177,758.10	183.59	281.86	SF_S13
551,366.01	4,179,461.33	9.87	9.87	SF_S14
551,525.86	4,177,469.00	139.74	146.72	SF_S15
546,927.72	4,178,025.23	233.77	240.23	SF_S16
552,394.57	4,178,959.07	22.26	96.89	SF_S17
552,390.92	4,178,925.64	21.63	96.89	SF_S18
552,401.52	4,178,925.93	21.84	96.89	SF_S19
552,393.16	4,178,898.44	21.10	96.89	SF_S20
552,402.23	4,178,842.63	20.91	96.89	SF_S21
552,441.81	4,178,778.54	22.19	96.89	SF_S22
552,357.10	4,178,405.80	16.24	146.72	SF_S23
549,404.33	4,182,096.90	43.14	43.14	SF_S24
551,374.20	4,182,636.34	67.04	105.16	SF_S25
549,037.75	4,181,809.52	71.34	101.41	SF_S26
551,014.11	4,177,929.32	25.34	277.08	SF_S27
552,022.89	4,181,513.17	8.68	8.68	SF_S28
551,649.76	4,181,194.39	14.57	14.57	SF_S29
551,149.12	4,181,201.05	18.18	18.18	SF_S30
552,834.09	4,182,379.62	7.20	7.20	SF_S31
551,669.54	4,181,496.16	14.35	14.35	SF_S32
551,587.25	4,183,016.07	102.31	102.31	SF_S33
552,828.25	4,177,015.28	7.74	146.72	SF_S34
553,112.61	4,175,472.07	9.76	122.38	SF_S35
551,456.11	4,181,090.85	15.90	15.90	SF_S36
551,470.54	4,181,103.36	16.03	16.03	SF_S37
551,570.47	4,180,952.56	13.07	13.07	SF_S38
551,321.10	4,181,248.90	17.87	17.87	SF_S39
550,994.95	4,182,550.78	51.59	51.59	SF_S40
550,901.83	4,180,391.87	13.79	13.79	SF_S41
551,804.07	4,182,050.67	16.41	16.41	SF_S42
551,301.04	4,176,862.47	68.49	146.72	SF_S43
547,404.66	4,175,432.72	78.09	281.86	SF_S44

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,699.53	4,176,575.68	64.79	210.02	SF_S45
552,466.71	4,173,957.66	13.77	400.26	SF_S46
553,339.31	4,181,933.22	16.12	16.12	SF_S47
552,418.22	4,180,906.44	5.70	5.70	SF_S48
552,456.31	4,180,938.50	5.70	5.70	SF_S49
552,519.97	4,182,933.97	10.39	104.59	SF_S50
551,143.79	4,181,773.45	25.75	25.75	SF_S51
553,016.94	4,181,087.26	2.29	2.29	SF_S52
552,405.83	4,180,509.30	4.80	4.80	SF_S53
552,377.89	4,183,097.59	15.03	105.85	SF_S54
551,767.26	4,183,924.17	20.84	97.28	SF_S55
551,096.41	4,181,930.31	32.04	32.04	SF_S56
552,654.59	4,180,934.17	4.18	4.18	SF_S57
552,603.44	4,180,916.87	4.62	4.62	SF_S58
552,924.89	4,181,771.86	5.78	5.78	SF_S59
552,653.79	4,180,959.60	4.15	4.15	SF_S60
553,257.67	4,183,110.96	2.34	2.34	SF_S61
552,404.25	4,178,869.75	20.92	96.89	SF_S62
552,404.25	4,178,869.75	20.92	96.89	SF_S63
552,404.25	4,178,869.75	20.92	96.89	SF_S64
552,404.25	4,178,869.75	20.92	96.89	SF_S65
544,108.80	4,176,789.87	24.15	24.15	SF_S66
551,809.38	4,183,475.50	43.95	105.85	SF_S67
547,826.49	4,178,356.86	141.65	277.69	SF_S68
547,826.49	4,178,356.86	141.65	277.69	SF_S69
547,826.49	4,178,356.86	141.65	277.69	SF_S70
552,933.33	4,178,680.90	72.83	96.65	SF_S71
553,579.31	4,175,546.82	3.86	128.82	SF_S72
551,848.03	4,184,272.10	7.97	97.28	SF_S73
551,358.97	4,183,996.01	30.69	97.28	SF_S74
552,244.96	4,184,005.52	60.54	90.00	SF_S75
551,849.95	4,183,526.83	41.16	105.85	SF_S76
551,170.41	4,183,120.57	73.30	100.41	SF_S77
552,467.85	4,183,211.75	8.61	105.85	SF_S78
549,646.82	4,183,961.13	8.75	8.75	SF_S79
549,779.14	4,183,704.89	13.30	117.22	SF_S80
550,523.55	4,183,536.15	27.87	117.22	SF_S81
551,134.45	4,182,627.43	50.98	105.16	SF_S82
551,767.01	4,180,607.16	7.66	7.66	SF_S83
549,531.53	4,181,904.59	42.39	42.39	SF_S84
551,067.86	4,181,925.54	33.31	33.31	SF_S85
551,068.35	4,181,973.51	33.93	33.93	SF_S86
549,672.31	4,181,483.32	48.04	48.04	SF_S87
550,429.83	4,181,630.06	31.66	31.66	SF_S88
552,068.94	4,181,435.09	7.12	7.12	SF_S89
550,304.87	4,180,863.28	56.26	56.26	SF_S90
550,848.27	4,180,871.34	19.92	19.92	SF_S91
549,340.98	4,182,408.37	49.75	49.75	SF_S92
547,695.31	4,181,797.69	63.77	128.95	SF_S93
548,229.40	4,181,924.45	75.19	128.95	SF_S94
548,718.25	4,181,533.27	90.52	90.52	SF_S95
548,413.10	4,180,869.89	80.30	277.69	SF_S96
548,699.45	4,180,917.50	75.14	277.69	SF_S97
549,349.41	4,180,634.32	73.24	178.15	SF_S98
547,828.56	4,179,941.87	88.98	277.69	SF_S99
548,403.73	4,179,739.47	95.84	277.69	SF_S100
545,589.66	4,181,865.15	40.39	40.39	SF_S101
545,966.96	4,181,897.13	44.85	44.85	SF_S102
546,541.33	4,181,937.34	47.65	47.65	SF_S103
547,107.11	4,181,968.41	55.12	55.12	SF_S104
544,942.53	4,181,624.59	53.55	53.55	SF_S105
544,821.42	4,181,292.51	77.65	77.65	SF_S106
544,306.47	4,181,198.57	62.50	62.50	SF_S107
544,888.25	4,180,984.67	61.68	80.74	SF_S108

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
545,452.94	4,181,034.81	52.15	52.15	SF_S109
546,117.00	4,181,017.77	59.11	59.11	SF_S110
547,181.69	4,181,131.17	64.88	277.69	SF_S111
546,317.93	4,180,867.17	69.34	69.34	SF_S112
547,223.52	4,179,679.50	90.75	277.69	SF_S113
546,081.70	4,179,681.37	68.82	277.69	SF_S114
545,522.75	4,179,570.19	66.35	229.11	SF_S115
543,844.04	4,179,457.42	25.50	25.50	SF_S116
545,002.93	4,179,093.66	77.09	77.09	SF_S117
543,866.48	4,179,092.75	29.00	29.00	SF_S118
544,292.46	4,178,264.91	42.05	42.05	SF_S119
544,686.26	4,178,070.48	59.83	59.83	SF_S120
546,796.38	4,177,738.17	162.91	240.23	SF_S121
545,695.29	4,177,059.85	68.49	240.23	SF_S122
549,634.11	4,180,110.07	74.34	277.08	SF_S123
549,492.61	4,178,638.31	91.01	277.69	SF_S124
548,447.21	4,177,013.41	211.86	281.86	SF_S125
547,189.14	4,177,415.57	134.24	281.86	SF_S126
548,620.69	4,176,033.85	90.14	281.86	SF_S127
548,547.10	4,175,522.19	82.98	281.86	SF_S128
546,651.64	4,176,175.87	85.97	281.86	SF_S129
550,974.57	4,180,672.22	15.25	15.25	SF_S130
551,171.16	4,180,062.16	8.05	8.05	SF_S131
550,160.96	4,179,723.62	29.94	277.69	SF_S132
550,294.97	4,179,741.42	26.11	277.08	SF_S133
551,221.02	4,179,797.70	8.62	8.62	SF_S134
550,460.46	4,179,538.41	20.00	277.08	SF_S135
550,540.06	4,178,724.72	42.45	277.08	SF_S136
551,090.10	4,178,769.00	23.72	277.08	SF_S137
551,066.77	4,178,576.69	25.62	277.08	SF_S138
552,202.48	4,182,009.40	12.23	12.23	SF_S139
552,417.10	4,182,075.50	11.38	11.38	SF_S140
552,793.03	4,181,636.80	4.49	4.49	SF_S141
552,249.42	4,181,139.55	4.95	4.95	SF_S142
552,507.53	4,179,505.60	54.69	80.35	SF_S143
553,204.17	4,179,422.98	56.93	56.93	SF_S144
553,749.99	4,179,200.09	12.33	95.89	SF_S145
552,431.27	4,178,419.68	15.75	96.89	SF_S146
552,924.16	4,178,606.79	76.27	76.27	SF_S147
552,441.71	4,178,425.34	15.74	96.89	SF_S148
553,208.05	4,178,475.92	28.69	96.89	SF_S149
553,858.35	4,174,734.38	4.81	128.82	SF_S150
553,853.82	4,176,483.79	30.07	85.98	SF_S151
552,738.02	4,176,663.14	47.78	47.78	SF_S152
553,399.37	4,176,178.15	37.28	80.14	SF_S153
552,889.81	4,175,945.93	15.22	80.14	SF_S154
552,758.86	4,177,372.97	3.98	146.72	SF_S155
551,706.63	4,176,826.53	52.14	146.72	SF_S156
550,972.00	4,176,791.06	80.01	95.27	SF_S157
551,209.87	4,175,886.91	75.67	140.63	SF_S158
552,391.00	4,175,770.13	22.92	91.22	SF_S159
552,214.94	4,175,766.44	29.07	91.22	SF_S160
550,188.56	4,175,527.83	74.36	155.71	SF_S161
550,042.22	4,175,578.21	60.97	155.71	SF_S162
550,653.26	4,174,820.35	114.00	162.53	SF_S163
550,332.64	4,174,972.57	90.65	162.53	SF_S164
552,299.76	4,175,086.34	82.16	117.48	SF_S165
552,236.40	4,174,739.40	85.43	126.88	SF_S166
551,787.82	4,174,429.19	74.22	150.40	SF_S167
551,977.98	4,174,083.48	25.80	400.26	SF_S168
550,839.26	4,174,201.34	62.21	400.26	SF_S169
549,844.41	4,173,805.10	96.91	400.26	SF_S170
548,731.41	4,173,809.58	97.42	400.26	SF_S171
551,167.97	4,178,252.83	22.58	277.08	SF_S172

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,024.54	4,178,178.80	58.78	277.08	SF_S173
550,092.86	4,177,364.80	63.41	281.86	SF_S174
550,660.29	4,177,174.70	52.73	210.02	SF_S175
549,715.63	4,176,352.01	70.50	281.86	SF_S176
549,281.08	4,175,137.15	48.28	281.86	SF_S177
549,098.80	4,175,065.85	52.49	281.86	SF_S178
548,923.93	4,175,059.65	58.89	281.86	SF_S179
547,038.02	4,174,481.46	127.99	146.12	SF_S180
547,626.63	4,174,273.70	101.44	157.15	SF_S181
545,292.15	4,175,988.59	32.75	32.75	SF_S182
545,521.48	4,176,053.41	39.54	39.54	SF_S183
551,669.54	4,181,496.16	14.35	14.35	SF_S184
551,655.37	4,181,481.76	14.52	14.52	SF_S185
552,734.39	4,180,944.41	3.59	3.59	SF_S186
551,576.75	4,181,797.88	17.78	17.78	SF_S187
551,266.32	4,180,661.60	10.72	10.72	SF_S188
554,302.45	4,177,107.20	7.12	85.98	SF_S189
552,028.87	4,178,289.75	13.08	146.72	SF_S190
549,882.44	4,182,977.85	77.06	77.06	SF_S191
549,016.30	4,184,128.11	4.75	4.75	SF_S192
549,841.70	4,181,000.57	78.88	78.88	SF_S193
548,937.06	4,180,412.37	86.67	277.69	SF_S194
547,053.91	4,175,958.91	104.84	281.86	SF_S195
551,182.01	4,181,340.68	19.24	19.24	SF_S196
544,092.37	4,178,183.96	32.72	32.72	SF_S197
549,495.99	4,175,041.96	50.51	281.86	SF_S198
547,932.23	4,178,059.31	166.30	277.69	SF_S199
552,470.92	4,178,989.02	28.87	96.89	SF_S200
552,287.90	4,179,136.54	24.85	96.89	SF_S201
552,385.46	4,179,050.24	24.37	96.89	SF_S202
552,487.88	4,178,924.70	23.05	96.89	SF_S203
552,440.95	4,178,922.17	22.37	96.89	SF_S204
552,463.95	4,178,869.44	22.20	96.89	SF_S205
545,785.42	4,177,823.02	127.80	127.80	SF_S206
551,194.37	4,181,357.47	19.29	19.29	SF_S207
547,796.27	4,178,204.28	155.13	277.69	SF_S208
547,866.12	4,178,014.36	162.81	281.86	SF_S209
547,862.76	4,178,140.01	156.27	277.69	SF_S210
547,900.94	4,178,137.22	157.39	277.69	SF_S211
547,941.12	4,177,964.29	167.35	281.86	SF_S212
548,003.31	4,177,965.96	171.06	281.86	SF_S213
547,870.25	4,177,954.78	162.95	281.86	SF_S214
552,472.89	4,178,820.15	22.50	96.89	SF_S215
552,379.13	4,178,764.30	20.72	96.89	SF_S216
552,304.16	4,179,050.61	21.34	96.89	SF_S217
552,376.67	4,178,808.69	20.19	96.89	SF_S218
552,315.88	4,178,897.24	19.00	96.89	SF_S219
552,318.07	4,178,863.01	18.99	96.89	SF_S220
552,323.92	4,178,833.95	19.16	96.89	SF_S221
552,338.18	4,178,775.91	19.39	96.89	SF_S222
552,345.71	4,178,969.16	20.89	96.89	SF_S223
552,406.29	4,178,983.48	22.94	96.89	SF_S224
552,311.13	4,178,932.67	19.15	96.89	SF_S225
545,566.04	4,179,573.47	66.36	229.11	SF_S226
551,556.36	4,181,847.38	18.72	18.72	SF_S227
549,483.34	4,175,046.34	49.93	281.86	SF_S228
551,225.28	4,180,568.36	9.35	9.35	SF_S229
544,089.10	4,178,261.29	32.92	32.92	SF_S230
551,504.99	4,183,891.47	29.84	97.28	SF_S231
552,539.11	4,183,638.58	22.06	90.00	SF_S232
552,024.92	4,183,239.68	39.66	105.85	SF_S233
552,039.81	4,183,132.51	48.54	105.85	SF_S234
550,663.76	4,184,196.83	29.24	96.84	SF_S235
550,190.44	4,181,946.57	40.14	40.14	SF_S236

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
550,820.78	4,181,597.64	25.80	25.80	SF_S237
547,717.56	4,182,345.96	75.54	82.65	SF_S238
546,710.09	4,179,198.55	108.65	277.69	SF_S239
543,722.81	4,178,620.65	19.62	19.62	SF_S240
544,060.40	4,177,463.30	38.62	38.62	SF_S241
547,892.72	4,178,633.58	172.07	277.69	SF_S242
549,639.43	4,179,223.35	48.50	277.69	SF_S243
548,932.75	4,179,044.78	142.44	277.69	SF_S244
548,984.79	4,178,777.35	172.76	277.08	SF_S245
551,745.42	4,179,016.58	11.82	11.82	SF_S246
550,378.20	4,178,816.63	63.43	277.08	SF_S247
551,524.03	4,178,782.15	16.87	16.87	SF_S248
552,777.65	4,179,558.60	20.24	96.89	SF_S249
554,533.40	4,176,505.51	46.95	85.98	SF_S250
554,434.52	4,176,273.65	75.21	79.19	SF_S251
552,852.77	4,176,714.49	42.92	56.02	SF_S252
551,804.45	4,177,989.33	14.99	146.72	SF_S253
548,572.62	4,177,713.77	160.08	281.86	SF_S254
550,281.19	4,181,579.07	31.59	31.59	SF_S255
549,660.79	4,181,804.13	39.99	39.99	SF_S256
552,302.39	4,176,288.68	18.79	18.79	SF_S257
547,887.23	4,178,174.96	155.55	277.69	SF_S258
550,041.51	4,179,666.21	33.31	277.69	SF_S259
552,207.56	4,181,114.78	5.10	5.10	SF_S260
549,193.38	4,181,924.35	51.05	101.41	SF_S261
554,141.38	4,176,240.75	42.27	85.98	SF_S262
550,215.23	4,173,223.23	193.91	400.26	SF_S263
552,538.98	4,178,409.78	16.42	96.89	SF_S264
553,955.66	4,177,359.96	4.40	4.40	SF_S265
553,295.52	4,176,706.51	24.23	80.14	SF_S266
546,389.35	4,174,603.63	62.85	146.12	SF_S267
552,687.96	4,177,827.64	5.11	146.72	SF_S268
552,477.76	4,181,223.88	3.88	3.88	SF_S269
552,548.51	4,181,254.41	3.57	3.57	SF_S270
552,840.69	4,180,862.94	3.34	3.34	SF_S271
552,058.83	4,180,456.62	6.53	6.53	SF_S272
552,612.26	4,181,290.83	3.36	3.36	SF_S273
551,090.99	4,180,831.36	15.08	15.08	SF_S274
551,113.59	4,179,583.81	11.15	277.08	SF_S275
551,150.16	4,177,974.40	22.54	277.08	SF_S276
549,604.97	4,179,580.44	51.96	277.69	SF_S277
547,926.52	4,174,113.56	95.03	238.29	SF_S278
551,833.16	4,181,942.65	14.45	14.45	SF_S279
551,433.19	4,180,367.29	6.92	6.92	SF_S280
551,028.27	4,180,821.51	15.75	15.75	SF_S281
551,170.50	4,178,606.96	23.21	277.08	SF_S282
552,856.14	4,165,736.49	3.90	3.90	SF_S283
552,822.41	4,174,008.00	18.38	128.82	SF_S284
552,787.08	4,180,633.28	4.18	4.18	SF_S285
547,496.44	4,178,193.32	123.49	281.86	SF_S286
552,645.67	4,181,258.42	3.27	3.27	SF_S287
551,948.93	4,182,073.28	15.55	15.55	SF_S288
551,077.50	4,181,770.18	27.38	27.38	SF_S289
551,598.09	4,179,295.02	9.37	9.37	SF_S290
551,082.56	4,181,209.72	18.62	18.62	SF_S291
550,885.05	4,181,473.84	22.41	22.41	SF_S292
551,450.73	4,181,096.48	15.97	15.97	SF_S293
547,542.56	4,175,396.96	81.27	281.86	SF_S294
553,122.80	4,177,842.69	4.64	4.64	SF_S295
551,698.71	4,182,241.03	29.21	105.16	SF_S296
552,735.23	4,179,912.50	6.98	96.89	SF_S297
550,010.93	4,181,987.77	39.47	39.47	SF_S298
553,386.49	4,178,287.76	7.66	96.85	SF_S299
552,025.07	4,181,697.49	10.37	10.37	SF_S300

Appendix B, Table 2
AERMOD Receptor Grid
PG&E: Egbert Switching Station Project

Easting (X) (m)	Northing (Y) (m)	Elevation (m)	Maximum Terrain (m)	Notes
551,692.49	4,181,804.40	15.42	15.42	SF_S301
551,996.57	4,180,864.26	8.05	8.05	SF_S302
548,309.28	4,181,473.02	126.20	128.32	SF_S303
547,862.45	4,175,315.21	83.87	281.86	SF_S304
552,906.52	4,181,385.89	3.36	3.36	SF_S305
548,500.75	4,177,683.07	160.86	281.86	SF_S306
552,092.17	4,178,824.21	15.72	96.89	SF_S307
552,240.39	4,181,191.52	5.05	5.05	SF_S308
551,524.92	4,178,767.02	16.97	16.97	SF_S309
549,382.42	4,182,440.83	50.45	89.10	SF_S310
553,409.20	4,176,227.64	42.14	80.14	SF_S311
550,161.25	4,179,691.18	29.13	277.69	SF_S312
551,805.87	4,178,023.27	14.47	146.72	SF_S313
552,221.65	4,184,001.71	54.87	90.00	SF_S314
548,408.41	4,179,717.36	96.54	277.69	SF_S315
549,878.06	4,173,825.28	95.61	400.26	SF_S316
553,778.22	4,174,724.32	9.75	128.82	SF_S317
543,842.51	4,179,063.45	28.98	28.98	SF_S318
552,224.45	4,175,736.88	28.91	91.22	SF_S319
551,684.97	4,179,029.86	12.41	12.41	SF_S320
552,069.29	4,183,140.99	44.47	105.85	SF_S321
547,181.07	4,181,146.37	64.27	277.69	SF_S322
550,205.14	4,175,513.51	76.61	155.71	SF_S323
550,306.10	4,180,850.64	56.87	60.30	SF_S324
551,837.00	4,183,512.80	41.87	105.85	SF_S325
551,121.07	4,182,617.79	50.65	104.24	SF_S326
549,865.06	4,182,974.47	76.74	76.74	SF_S327
549,838.75	4,182,969.90	76.40	76.40	SF_S328
550,970.92	4,176,775.07	79.30	95.27	SF_S329
550,873.98	4,176,953.97	70.86	210.02	SF_S330
551,164.06	4,183,107.34	73.26	100.93	SF_S331
552,929.25	4,178,585.11	76.16	76.16	SF_S332
546,545.85	4,181,923.81	48.33	48.33	SF_S333
551,072.04	4,181,754.93	26.91	26.91	SF_S334
553,203.97	4,179,402.49	56.80	56.80	SF_S335
550,211.59	4,181,923.30	39.69	39.69	SF_S336
548,234.14	4,177,766.73	181.96	281.86	SF_S337
553,839.48	4,176,536.85	25.98	85.98	SF_S338
553,182.60	4,179,633.70	36.15	57.21	SF_S339
553,199.32	4,174,847.72	28.85	128.82	SF_S340
549,534.32	4,181,887.69	42.41	42.41	SF_S341
551,139.22	4,182,455.01	45.49	45.49	SF_S342
549,064.59	4,175,054.66	53.38	281.86	SF_S343
547,458.44	4,183,519.56	35.61	119.10	SF_S344
550,666.30	4,174,781.08	116.36	162.53	SF_S345
550,718.08	4,181,171.01	21.60	21.60	SF_S346
550,717.34	4,181,127.48	21.56	21.56	SF_S347
553,964.78	4,177,805.51	2.79	2.79	SF_S348

Appendix C
Cancer Risk

Appendix C, Table 1
Cancer Impacts due to Diesel Particulate Matter
PG&E: Egbert Switching Station Project

Modeled Concentrations
Maximum annual impact of annualized project emissions

PMI	0.03275	µg/m^3	Diesel PM
MEIR	0.02928	µg/m^3	Diesel PM
Sensitive	0.00676	µg/m^3	Diesel PM
MEIW	0.03275	µg/m^3	Diesel PM

Construction HRA per the 2015 OEHHA Guidance
Residential Calculation Procedure for Cancer Risks

PMI

Year	0 (3rd tri)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dose (mg/kg/day)	1.13E-05	3.43E-05	3.43E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.34E-05	2.34E-05	2.34E-05	2.34E-05	2.34E-05	2.34E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05	1.05E-05
Risk	3.79E-07	4.58E-06	4.58E-06	9.19E-07	9.19E-07	9.19E-07	9.19E-07	9.19E-07	9.19E-07	9.19E-07	7.95E-07	7.95E-07	7.95E-07	7.95E-07	7.95E-07	7.95E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07
Rolling 2-yr Risk			9.53E-06	5.50E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.71E-06	1.59E-06	1.59E-06	1.59E-06	1.59E-06	1.59E-06	1.59E-06	9.16E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07	2.42E-07
Risk per Million			9.53	5.50	1.84	1.84	1.84	1.84	1.84	1.71	1.59	1.59	1.59	1.59	1.59	1.59	0.92	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24

MEIR

Year	0 (3rd tri)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dose (mg/kg/day)	1.01E-05	3.06E-05	3.06E-05	2.42E-05	2.42E-05	2.42E-05	2.42E-05	2.42E-05	2.42E-05	2.09E-05	2.09E-05	2.09E-05	2.09E-05	2.09E-05	2.09E-05	2.09E-05	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06	9.42E-06
Risk	3.39E-07	4.09E-06	4.09E-06	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	8.21E-07	7.11E-07	7.11E-07	7.11E-07	7.11E-07	7.11E-07	7.11E-07	7.11E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07	1.08E-07
Rolling 2-yr Risk			8.52E-06	4.91E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.53E-06	1.42E-06	1.42E-06	1.42E-06	1.42E-06	1.42E-06	1.42E-06	8.19E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07	2.16E-07
Risk per Million			8.52	4.91	1.64	1.64	1.64	1.64	1.64	1.53	1.42	1.42	1.42	1.42	1.42	1.42	0.82	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22

Sensitive

Year	0 (3rd tri)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dose (mg/kg/day)	2.34E-06	7.07E-06	7.07E-06	5.59E-06	5.59E-06	5.59E-06	5.59E-06	5.59E-06	5.59E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06	2.17E-06
Risk	7.82E-08	9.45E-07	9.45E-07	1.90E-07	1.90E-07	1.90E-07	1.90E-07	1.90E-07	1.90E-07	1.64E-07	1.64E-07	1.64E-07	1.64E-07	1.64E-07	1.64E-07	1.64E-07	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08	2.49E-08
Rolling 2-yr Risk			1.97E-06	1.13E-06	3.79E-07	3.79E-07	3.79E-07	3.79E-07	3.79E-07	3.54E-07	3.28E-07	3.28E-07	3.28E-07	3.28E-07	3.28E-07	3.28E-07	1.89E-07	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08	4.99E-08
Risk per Million			1.97	1.13	0.38	0.38	0.38	0.38	0.38	0.35	0.33	0.33	0.33	0.33	0.33	0.33	0.19	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

Worker Calculation Procedure for Cancer Risks

MEIW

Year	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Dose (mg/kg/day)	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06	5.12E-06
Risk	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08	8.05E-08
Rolling 2-yr Risk		1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07
Risk per Million		0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16

Appendix C, Table 2

Chronic Impacts due to Diesel Particulate Matter

PG&E: Egbert Switching Station Project

Construction HRA per the 2015 OEHHA Guidance

Calculation Procedure for Chronic Hazard Index

Receptor Type	Pollutant	Maximum Annual Modeled Concentration ($\mu g/m^3$) [a]	REL ($\mu g/m^3$) [b]	Chronic Hazard Index
PMI	Diesel PM	0.03275	5	0.0066
MEIR	Diesel PM	0.02928	5	0.0059
Sensitive	Diesel PM	0.00676	5	0.0014
MEIW	Diesel PM	0.03275	5	0.0066

Notes:

[a] Maximum Annual Modeled Concentrations taken from Appendix C, Table 1.

[b] REL taken from the *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values* (OEHHA and ARB, 2018).

Appendix C, Table 3
Residential Constants for Cancer Risk
PG&E: Egbert Switching Station Project

Dose Constants

Year	0 (3rd tri)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
BR/BW	361	1090	1090	861	861	861	861	861	861	745	745	745	745	745	745	745	335	335	335	335	335	335	335	335	335	335	335	335	335	335	335
A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Conversion	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001

Risk Constants

Year	0 (3rd tri)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CPF (Diesel PM)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ASF	10	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ED	0.25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
AT	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
FAH	0.85	0.85	0.85	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73

A. Equation 5.4.1.1: $\text{Dose-air} = C_{air} \times \{BR/BW\} \times A \times EF \times 10^{-6}$

1. Dose-air = Dose through inhalation (mg/kg/d)
2. C_{air} = Concentration in air ($\mu g/m^3$)
3. {BR/BW} = Daily Breathing rate normalized to body weight (L/kg body weight - day)
4. A = Inhalation absorption factor (unitless)
5. EF = Exposure frequency (unitless), days/365 days
6. 10^{-6} = Micrograms to milligrams conversion, liters to cubic meters conversion

a: Recommended default values for EQ 5.4.1.1:

1. {BR/BW} = Daily breathing rates by age groupings, see As supplemental information, the assessor may wish to evaluate the inhalation dose by using the mean point estimates in Table 5.6 to provide a range of breathing rates for cancer risk assessment to the risk manager.
2. Table (point estimates) and Table 5.7 (parametric model distributions for Tier III stochastic risk assessment). For Tier 1 residential estimates, use 95th percentile breathing rates in Table 5.6.
3. A = 1
4. EF = 0.96 (350 days/365 days in a year for a resident)

A. Equation 8.2.4 A: $RISK_{inh\text{-}res} = DOSE_{air} \times CPF \times ASF \times ED/AT \times FAH$

7. $RISK_{inh\text{-}res}$ = Residential inhalation cancer risk
8. $DOSE_{air}$ = Daily inhalation dose (mg/kg-day)
9. CPF = Inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
10. ASF = Age sensitivity factor for a specified age group (unitless)
11. ED = Exposure duration (in years) for a specified age group
12. AT = Averaging time for lifetime cancer risk (years)
13. FAH = Fraction of time spent at home (unitless)

a: Recommended default values for EQ 8.2.4 A:

5. $DOSE_{air}$ = Calculated for each age group from Eq. 5.4.1
6. CPF = Substance-specific (see Table 7.1)
7. ASF = See Section 8.2.1
8. ED = 0.25 years for 3rd trimester, 2 years for 0<2, 7 years for 2<9, 14 years for 2<16, 14 years for 16<30, 54 years for 16-70
9. AT = 70 years*
10. FAH = See Table 8.4

Appendix C, Table 4
Worker Constants for Cancer Risk
PG&E: Egbert Switching Station Project

Dose Constants

Year	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
WAF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BR/BW	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EF	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
Conversion	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001

Risk Constants

Year	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CPF (Diesel PM)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ASF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ED	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
AT	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70

A. Equation 5.4.1.2 A: $\text{Dose-air} = (C_{air} \times WAF) \times \{BR/BW\} \times A \times EF \times 10^{-6}$

1. Dose-air = Dose through inhalation (mg/kg/d)
2. C_{air} = Annual average concentration in air ($\mu g/m^3$)
3. WAF = Worker air concentration adjustment factor (unitless)
4. {BR/BW} = Eight-hour breathing rate normalized to body weight (L/kg body weight - day)
5. A = Inhalation absorption factor (unitless)
6. EF = Exposure frequency (unitless), days/365 days)
7. 10^{-6} = Micrograms to milligrams conversion, Liters to cubic meters conversion

a: Recommended default values for EQ 5.4.1.2 A:

1. WAF = See EQ. 5.4.1.2 B for formula to calculate WAF, or App. M for refined post-processing modeling to calculate WAF.
2. {BR/BW} = For workers, use age16-70 year, 95th percentile, moderate intensity 8-hour point estimate breathing rates (see Table 5.8). No worker breathing rate distributions exist for stochastic risk assessment.
3. A = 1
4. EF = 0.68 (250 days / 365 days). Equivalent to working 5 days/week, 50 weeks/year.

b: Assumption for EQ 5.4.1.2 A:

1. The fraction of chemical absorbed (A) through the lungs is the same fraction absorbed in the study on which the cancer potency factor is based.
2. The source emits during the daylight hours. Calculate WAF (EQ 5.4.1.2 B) if a special post-processing modeling run described in App. M was not completed. For nighttime emissions and exposure scenarios, see Appendix N.

B. Equation 5.4.1.2 B: $WAF = (H_{res} / H_{source}) \times (D_{res} / D_{source}) \times DF$

1. WAF = Worker adjustment factor (unitless)
2. H_{res} = Number of hours per day the annual average residential air concentration is based on (always 24 hours)
3. H_{source} = Number of hours the source operates per day
4. D_{res} = Number of days per week the annual average residential air concentration is based on (always 7 days)
5. D_{source} = Number of days the emitting source operates per week
6. DF = Discount factor, for when the offsite worker's schedule partially overlaps the source's emission schedule

b: Recommended default values for EQ 5.4.1.2 B:

1. DF = 1 for offsite worker's schedule occurring within the source's emission schedule. A site-specific survey may be used to adjust the DF using EQ 5.4.1.2 C.

C. Equation 5.4.1.2 C: $DF = (H_{coincident} / H_{worker}) \times (D_{coincident} / D_{worker})$

1. $H_{coincident}$ = Number of hours per day the offsite worker's schedule and the source's emission schedule coincide
2. H_{worker} = Number of hours the offsite worker works per day
3. $D_{coincident}$ = Number of days per week the offsite worker's schedule and the source's emission schedule coincide
4. D_{worker} = Number of days the offsite worker works per week

B. Equation 8.2.4 B: $RISK_{inh\text{-}work} = DOSE_{air} \times CPF \times ASF \times ED/AT$

1. $RISK_{inh\text{-}work}$ = Worker inhalation cancer risk

a: Recommended default values for EQ 8.2.4 B:

1. $DOSE_{air}$ = Calculated for workers in Eq. 5.4.1.2
2. CPF = Substance specific (see Table 7.1)
3. ASF = 1 for working age 16-70 yrs (See Section 8.2.1)
4. ED = 25 years
5. AT = 70 yrs for lifetime cancer risk

APPENDIX D.3-3

Memorandum – Health Effects from Criteria Air Pollutants

DRAFT
MEMORANDUM

To:	Memorandum to File
From:	Ian McIntire, Dudek
Subject:	Health Effects from Criteria Air Pollutants Associated with the Egbert Switching Station (Martin Substation Extension) Project
Date:	July 9, 2019

1 Purpose

In response to the California Supreme Court's *Sierra Club v. County of Fresno* decision (referred to herein as the Friant Ranch decision), this memorandum addresses the potential for adverse health effects related to emissions of criteria air pollutants associated with construction and operation of the proposed Egbert Switching Station (Martin Substation Extension) Project (proposed project), based on scientific information and technological methods available at the time of this memorandum's preparation. The published Friant Ranch decision (issued on December 24, 2018) addresses the need to correlate mass emission values for criteria air pollutants to specific health consequences, and contains the following direction from the California Supreme Court: "The EIR must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further." (Italics original.) (Sierra Club v. County of Fresno 2018.)

As discussed below, at the time of this memorandum's preparation, no expert agency, including the Bay Area Air Quality Management District (BAAQMD), the California Air Resources Board (CARB), or the U.S. Environmental Protection Agency (EPA), have approved a quantitative method to reliably and meaningfully translate the mass emission estimates for the criteria air pollutants resulting from the proposed project to specific health effects. No California air district or other expert agency/entity has published *quantitative* guidance on how to address the Friant Ranch decision,[1] and no industry-accepted modeling platforms with demonstrated results that are reliable and meaningful are available to qualified environmental consultants for such correlation. In April 2019, the Sacramento Metropolitan Air Quality Management District (SMAQMD) published an Interim Recommendation on implementing the Friant Ranch decision in the review and analysis of proposed projects under CEQA in Sacramento County. The SMAQMD interim recommendation, which does not endorse use of any quantitative methodology, is summarized in Section 4, below.

[1] The following air districts, state agencies and entities were contacted by Dudek in January 2019, which could not provide guidance on how to proceed in response to the Friant Ranch decision at that time: SCAQMD, San Diego Air Pollution Control District (APCD), Mojave Desert Air Quality Management District (AQMD), San Joaquin Valley APCD, Santa Barbara County APCD, San Luis Obispo County APCD, Sacramento Metropolitan AQMD (see discussion of their April 2019 Interim Guidance herein), Bay Area AQMD, California Air Resources Board, California Office of Planning and Research, California Air Pollution Control Officers Association, and Office of Environmental Health Hazard Assessment.

2 National and California Ambient Air Quality Standards

As discussed in Section D.3, Air Quality, of the proposed project's EIR, ambient air quality standards (AAQS) define clean air, and are established to protect even the most sensitive individuals (CARB 2019a). An AAQS defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. The EPA and CARB are both authorized to set AAQS.

The Clean Air Act Amendments of 1970 instruct the EPA to set primary National AAQS (NAAQS) to protect public health, and secondary NAAQS to protect plants, forests, crops and materials from damage due to exposure to the following criteria air pollutants: ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead.

The federal Clean Air Act requires that the EPA reassess, at least every five years, whether adopted standards are adequate to protect public health based on current scientific evidence. The EPA is required to rely on the advice of an independent scientific panel, the Clean Air Scientific Advisory Committee. Reviewing the NAAQS is a lengthy undertaking and includes the following major phases: planning, integrated science assessment, risk/exposure assessment, policy assessment, and rulemaking (EPA 2018a). During the integrated science assessment, a comprehensive review, synthesis, and evaluation of the most policy-relevant science is conducted, including key science judgments that are important to inform the development of the risk and exposure assessments (EPA 2018a). Then, the risk/exposure assessment draws upon information and conclusions presented in the integrated science assessment to develop quantitative characterizations of exposures and associated risks to human health or the environment associated with recent air quality conditions and with air quality estimated to just meet the current or alternative standard(s) under consideration (EPA 2018a). Scientific review during policy assessment development, and the NAAQS review process in general, is thorough and extensive.

In 1959, California enacted legislation requiring the state Department of Public Health to establish AAQS and necessary controls for motor vehicle emissions (CARB 2019b). California's AAQS (CAAQS) were adopted in 1971 (CARB 2019b). The CAAQS are established for O_3, NO_2, CO, SO_2, PM_{10}, and $PM_{2.5}$, as well as hydrogen sulfide, vinyl chloride, sulfates, and visibility reducing particles.

Air quality standard setting in California commences with a critical review of all relevant peer reviewed scientific literature. The Office of Environmental Health Hazard Assessment (OEHHA) uses the review of health literature to develop a recommendation for the standard. The recommendation can be for no change, or can recommend a new standard. The review, including the OEHHA recommendation, is summarized in a document called the draft Initial Statement of Reasons (ISOR), which is released for comment by the public, and also for public peer review by the Air Quality Advisory Committee (AQAC). AQAC members are appointed by the President of the University of California for their expertise in the range of subjects covered in the ISOR, including health, exposure, air quality monitoring, atmospheric chemistry and physics, and effects on plants, trees, materials, and ecosystems. The Committee provides written comments on the draft ISOR. CARB staff next revises the ISOR based on comments from AQAC and the public. The revised ISOR is then released for a 45-day public comment period prior to consideration by the Board of CARB at a regularly scheduled Board hearing (CARB 2017a).

Federal law requires that all states attain the NAAQS. Failure of a state to reach attainment of the NAAQS by the target date can trigger penalties, including withholding of federal highway funds (CARB 2019b). California law similarly continues to mandate CAAQS, although attainment of the NAAQS has precedence over attainment of the CAAQS (CARB 2019b).

Of importance to this memorandum, California air districts have based their thresholds of significance for California Environmental Quality Act (CEQA) purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an AAQS is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the AAQS, this means that the thresholds established by air districts are also protective of human health. The particular thresholds of relevance to the proposed project are illustrated in Table D.3-4, Thresholds of Significance, of the EIR. Because O_3 is not emitted directly, air districts have established emissions-based thresholds for O_3 precursors—reactive organic gases (ROG, also termed volatile organic compounds or VOCs) and oxides of nitrogen (NO_x)—which are intended to serve as a surrogate for an "O_3 significance threshold" (i.e., the potential for adverse O_3 impacts to occur).

The NAAQS and CAAQS for O_3, NO_2, CO, SO_2, PM_{10}, and $PM_{2.5}$ are presented in Table 1. Hydrogen sulfide, vinyl chloride, sulfates, and visibility reducing particles are not addressed further in this evaluation because they are not routinely associated with land use development projects subject to CEQA review, and are thus not presented in Table 1.[2]

[2] Ambient Air Quality Standards table is provided as Table 1 in Section D.3. Air Quality of the EIR, Table D.3-3.

Table 1
Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
O_3	1 hour	0.09 ppm (180 µg/m³)	—	Same as Primary Standard[f]
	8 hours	0.070 ppm (137 µg/m³)	0.070 ppm (137 µg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 µg/m³)	0.100 ppm (188 µg/m³)	Same as Primary Standard
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)	0.053 ppm (100 µg/m³)	
CO	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
SO_2[h]	1 hour	0.25 ppm (655 µg/m³)	0.075 ppm (196 µg/m³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m³)
	24 hours	0.04 ppm (105 µg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 µg/m³	150 µg/m³	Same as Primary Standard
	Annual Arithmetic Mean	20 µg/m³	—	
$PM_{2.5}$[i]	24 hours	—	35 µg/m³	Same as Primary Standard
	Annual Arithmetic Mean	12 µg/m³	12.0 µg/m³	15.0 µg/m³

Source: CARB 2016.

Notes: µg/m³ = micrograms per cubic meter; mg/m³= milligrams per cubic meter; ppm = parts per million by volume; O_3 = ozone; NO_2 = nitrogen dioxide; CO = carbon monoxide; SO_2 = sulfur dioxide; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

[a] California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

[c] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

[e] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[f] On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[g] To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly

compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[h] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[i] CARB adopted new PM standards in June of 2002, responding to requirements of the Children's Environmental Health Protection Act (Senate Bill 25, Escutia 1999), specifically the evaluation of all health-based AAQS to determine if the standards adequately protect human health, particularly that of infants and children. The subsequent review of the PM standards resulted in the recommendation of more health-protective AAQS for PM_{10} and a new standard for $PM_{2.5}$. The new PM standards became effective in 2003. Upon further review, the national annual $PM_{2.5}$ primary standard was lowered from 15 $\mu g/m^3$ to 12.0 $\mu g/m^3$ on December 14, 2012. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standard of 15 $\mu g/m^3$. The existing 24-hour PM_{10} standards (primary and secondary) of 150 $\mu g/m^3$ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

Pursuant to the 1990 Clean Air Act amendments, the EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable." The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Nonattainment areas must develop plans to attain the NAAQS. Areas that achieve the standards after a nonattainment designation are redesignated as maintenance areas and must have approved maintenance plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on CAAQS rather than NAAQS. The attainment designations for O_3, NO_2, CO, SO_2, PM_{10}, and $PM_{2.5}$ for the San Francisco Bay Area Air Basin (SFBAAB) are listed in Table 2.[3]

Table 2
SFBAAB Attainment Classification

Pollutant	National Designation	California Designation
O_3 (1-hour)	**Nonattainment (Moderate)**	**Nonattainment**
O_3 (8-hour – 2008)	**Nonattainment (Marginal)**	**Nonattainment**
NO_2	Unclassifiable/Attainment	Attainment
CO	Unclassifiable/Attainment	Attainment
SO_2	Unclassifiable/Attainment	Attainment
PM_{10}	Unclassifiable/Attainment	**Nonattainment**
$PM_{2.5}$	Unclassifiable/Attainment	**Nonattainment**

Sources: EPA 2018b (national); CARB 2018a (California).
Notes:

[3] The same discussion of the SFBAAB attainment designation is provided in Section D.3.1.2, Background Air Quality, of Section D.3.1, Environmental Setting for the Proposed Project, of the EIR.

Bold text = not in attainment; Attainment = meets the standards; Attainment (Maintenance) = achieve the standards after a nonattainment designation; Nonattainment = does not meet the standards; Unclassified or Unclassifiable = insufficient data to classify; Unclassifiable/Attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.

As shown in Table 2, the SFBAAB is designated as a nonattainment area for O_3, PM_{10}, and $PM_{2.5}$ under the NAAQS and/or the CAAQS.

As discussed in D.3.2, Applicable Regulations, Plans, and Standards of the EIR, the BAAQMD is responsible for developing and implementing the clean air plan for attainment and maintenance of the AAQS in the SFBAAB. Accordingly, the BAAQMD has adopted federal and state attainment plans; most recently the Spare the Air: Cool the Climate Final 2017 Clean Air Plan. The 2017 Clean Air Plan relies on information from CARB, Metropolitan Transportation Commission (MTC), and Association of Bay Area Governments (ABAG), as well as information regarding projected growth in the cities and counties within the BAAQMD jurisdiction, to forecast future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. As the BAAQMD develops and implements plans and control measures designed to attain the AAQS, the BAAQMD implements measures to reduce public health effects associated with criteria air pollutants.

3 Health Effects of Criteria Air Pollutants and their Precursors

Numerous scientific studies published over the past 50 years point to the harmful effects of air pollution (CARB 2019b). As explained above, the AAQS are designed to prevent these effects (CARB 2019b). The adverse health effects associated with air pollution are diverse and include (SCAQMD 2017):

- Premature mortality
- Cardiovascular effects
- Increased health care utilization (hospitalization, physician and emergency room visits)
- Increased respiratory illness and other morbidity (symptoms, infections, and asthma exacerbation)
- Decreased lung function (breathing capacity)
- Lung inflammation
- Potential immunological changes
- Increased airway reactivity to a known pharmacological agent exposure - a method used in laboratories to evaluate the tendency of airways to have an increased possibility of developing an asthmatic response
- A decreased tolerance for exercise
- Adverse birth outcomes such as low birth weights

The evidence linking these effects to air pollutants is derived from population-based observational and field studies (epidemiological) as well as controlled laboratory studies involving human subjects and animals. There have been an increasing number of studies focusing on the mechanisms (that is, on learning how specific organs, cell types, and biomarkers are involved in the human body's response to air pollution) and specific pollutants responsible for individual effects. Yet the underlying biological pathways for these effects are not always clearly understood (SCAQMD 2017).

Although individuals inhale pollutants as a mixture under ambient conditions, the regulatory framework and the control measures developed are pollutant-specific for six major outdoor pollutants covered under Sections 108 and 109 of the Clean Air Act. This is appropriate, in that different pollutants usually differ in their sources, their times and places of occurrence, the kinds of health effects they may cause, and their overall levels of health risk. Different pollutants, from the same or different sources, oftentimes occur together. Evidence for more than additive effects has not been strong and, as a practical matter, health scientists, as well as regulatory officials, usually must deal with one pollutant at a time in adopting AAQS (SCAQMD 2017).

Health effects associated with criteria air pollutants are discussed below; the same or similar information is provided in Section D.3.1.2, Background Air Quality, of Section D.3, Air Quality, of the proposed project's EIR.

Ozone (O_3). O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, respiratory symptoms, worsening of lung disease leading to premature death, increased susceptibility to infections, inflammation of and damage to the lung tissue, and some immunological changes (EPA 2013, CARB 2019c). These health problems are particularly acute in sensitive receptors such as the sick, older adults, and young children.

Inhalation of O_3 causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O_3 can reduce the volume of air that the lungs breathe in and cause shortness of breath. O_3 in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O_3 exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O_3 exposure. While there are relatively few studies of O_3's effects on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O_3 and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents and adults who exercise or work outdoors, where O_3 concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2019c).

A number of population groups are potentially at increased risk for O_3 exposure effects. In the ongoing review of O_3, the EPA has identified populations as having adequate evidence for increased risk from O_3 exposures include individuals with asthma, younger and older age groups, individuals with reduced intake of certain nutrients such as Vitamins C and E, and outdoor workers. There is suggestive evidence for other potential factors, such as variations in genes related to oxidative metabolism or inflammation, gender, socioeconomic status, and obesity. However further evidence is needed (SCAQMD 2017).

The adverse effects reported with short-term O_3 exposure are greater with increased activity because activity increases the breathing rate and the volume of air reaching the lungs, resulting in an increased amount of O_3 reaching the lungs. Children may be a particularly vulnerable population to air pollution effects because they spend

more time outdoors, are generally more active, and have a higher specific ventilation relative to their body weight, compared to adults (SCAQMD 2017).

Volatile Organic Compounds (VOCs). The primary health effects of VOCs result from the formation of O_3 and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate health standards for VOCs as a group. Within this evaluation, VOC and reactive organic gases (ROGs) are used interchangeably.

Nitrogen Dioxide (NO_2). A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the AAQS for NO_2, is results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO_2 exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher compared to lower levels of exposure. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2019d).

Carbon Monoxide (CO). Carbon monoxide is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, and light-headedness, dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2019e).

Sulfur Dioxide (SO_2). SO_2 is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. When combined with particulate matter (PM), SO_2 can injure lung tissue and reduce visibility and the level of sunlight. SO_2 can worsen asthma resulting in increased symptoms, increased medication usage, and emergency room visits.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels near the one-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO_2 (above 1 parts per million (ppm)) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. The elderly and people

with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2019f).

SO_2 is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in PM (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO_2-induced increase in resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO_2 is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter (PM_{10} and $PM_{2.5}$). A number of adverse health effects have been associated with exposure to both $PM_{2.5}$ and PM_{10}. For $PM_{2.5}$, short-term exposures (up to 24-hours duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and world-wide based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2017b).

Long-term (months to years) exposure to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM_{10} are less clear, although several studies suggest a link between long-term PM_{10} exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that PM in outdoor air pollution causes lung cancer (CARB 2017b).

People with influenza, people with chronic respiratory and cardiovascular diseases, and older adults may suffer worsening illness and premature death as a result of breathing PM. People with bronchitis can expect aggravated symptoms from breathing PM. Children may experience a decline in lung function due to breathing in PM_{10} and $PM_{2.5}$ (EPA 2009).

PM encompasses a physically and chemically diverse class of ambient air pollutants of both anthropogenic and biological origin. The PM standard is the only NAAQS that does not target a specific chemical or family of chemical species (NRC 2005). The range of human health effects associated with ambient PM levels or demonstrated in laboratory studies has expanded from earlier concerns for total mortality and respiratory morbidity to include cardiac mortality and morbidity, blood vessel constriction, stroke, premature birth, low birth weight, retarded lung growth, enhancement of allergic responses, reduced resistance to infection, degenerative lesions in the brain, and lung cancer (EPA 2004).

4 Scientific and Technological Complexities

At issue in the Friant Ranch decision was the fact that a development project's EIR did not connect its mass emission totals to specific adverse human health effects. Concerned with the sufficiency of the EIR as an

informational document, and specifically whether the magnitude of project impacts was adequately disclosed, the California Supreme Court stated the following:

> "The task for real party and the County is clear: The EIR must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must adequately explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further." (Sierra Club v. County of Fresno 2018; italics original)

As discussed further below, at the time of this writing, no available modeling tools have been proven to provide a reliable and meaningful analysis to correlate an increase in mass totals or concentrations of criteria air pollutants from an individual project to specific health effects, or estimate additional pollutant nonattainment days relative to the NAAQS and CAAQS due to a single project.

Formation of Secondary Pollutants

The California Supreme Court noted, in the Friant Ranch decision, that: "The raw numbers estimating the tons per year of ROG and NO_x from the Project do not give any information to the reader about how much ozone is estimated to be produced as a result."

In response, the formation of O_3 and PM in the atmosphere, as secondary pollutants,[4] involves complex chemical and physical interactions of multiple pollutants from natural and anthropogenic sources, as further explained below. The complexity in how secondary pollutants are formed and dispersed has resulted in ongoing difficulties in measuring and regulating those pollutants.

Tropospheric, or ground level O_3, is not emitted directly into the air, but is created by chemical reactions between NO_x and VOCs (EPA 2018c). This happens when pollutants emitted by cars, power plants, industrial boilers, refineries, chemical plants, and other sources chemically react in the presence of sunlight (EPA 2018c). O_3 is most likely to reach unhealthy levels on hot sunny days in urban environments, but can still reach high levels during colder months (EPA 2018c). O_3 can also be transported long distances by wind, so even rural areas can experience high O_3 levels (EPA 2018c).

The O_3 reaction is self-perpetuating (or catalytic) in the presence of sunlight because NO_2 is photochemically reformed from nitric oxide (NO). In this way, O_3 is controlled by both NO_x and VOC emissions (NRC 2005). The complexity of these interacting cycles of pollutants means that incremental decreases in one emission may not result in proportional decreases in O_3 (NRC 2005). Although these reactions and interactions are well understood, variability in emission source operations and meteorology creates uncertainty in the modeled O_3 concentrations to which downwind populations may be exposed (NRC 2005). This is especially true for individual projects, like the proposed project, where project-generated criteria air pollutant emissions are not derived from a single "point source," but from mobile sources (cars and trucks) driving to, from and around the Project area and area sources (consumer products, architectural coating, natural gas fireplaces, etc.).

[4] Air pollutants formed through chemical reactions in the atmosphere are referred to as secondary pollutants.

In many urban areas, O_3 nonattainment is not caused by emissions from the local area alone (EPA 2008). Due to atmospheric transport, contributions of precursors from the surrounding region can also be important (EPA 2008, O_3 NAAQS). Thus, in designing control strategies to reduce O_3 concentrations in a local area, it is often necessary to account for regional transport within the U.S. (EPA 2008). In some areas, such as California, global transport of O_3 from beyond North America also can contribute to nonattainment areas (EPA 2008).

PM can be divided into two categories: directly emitted PM and secondary PM. Secondary PM, like O_3, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as SO_x and NO_x (SJVAPCD 2015). In general, PM_{10} is composed largely of primary particles, and a much greater portion of $PM_{2.5}$ contains secondary particles (EPA 2015b). The secondary formation of $PM_{2.5}$ is dominated by a variety of chemical species or components of atmospheric particles, such as ammonium sulfate, ammonium nitrate, organic carbon mass, elemental carbon, and other soil compounds and oxidized metals. $PM_{2.5}$, sulfate, nitrate, and ammonium ions are predominantly the result of chemical reactions of the oxidized products of SO_2 and NO_x emissions with direct ammonia emission (EPA 2017a). Because of the complexity of secondary PM formation, including the potential to be transported long distances by wind, the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area (SJVAPCD 2015).

Because of the long-range transport of some pollutants, important emission sources may be far from the locations where measured pollutant concentrations exceed the AAQS (NRC 2005). Thus, for areas experiencing higher ambient concentrations of pollutants, such as O_3 and PM, controlling emissions of those pollutants and their precursors is typically a regional, often multistate, problem, not a local one (NRC 2005).

San Joaquin Valley Air Pollution Control District and South Coast Air Quality Management District Briefs

In connection with the judicial proceedings culminating in issuance of the Friant Ranch decision, the San Joaquin Valley Air Pollution Control District (SJVAPCD) and the SCAQMD filed amicus briefs attesting to the extreme difficulty of correlating an individual project's criteria air pollutant emissions to specific health impacts. Both the SJVAPCD and the SCAQMD have among the most sophisticated air quality modeling and health impact evaluation capabilities of the air districts in the State. While the information and arguments presented in those briefs was considered by the California Supreme Court, the Court noted that such information was not part of the administrative record associated with the County's decision to approve the Friant Ranch project. A summary of the key, relevant points of the SJVAPCD and SCAQMD briefs is provided below.

Difference between Toxic Air Contaminants and Criteria Air Pollutants

As explained in Section D.3.1, Environmental Setting for the Proposed Project, of the proposed project's EIR, a toxic air contaminant (TAC) is an air pollutant, identified in regulation by CARB, which may cause or contribute to an increase in deaths or in serious illness, or which may pose a present or potential hazard to human health. TACs are considered under a different regulatory process (California Health and Safety Code section 39650 et seq.) than pollutants subject to CAAQS and NAAQS. Health effects to TACs may occur at extremely low levels and it is typically difficult to identify levels of exposure which do not produce adverse health effects. A criteria air pollutant, on the other hand, is an air pollutant for which acceptable levels of exposure can be determined and for which an AAQS has been set (CARB 2019g).

As the SJVAPCD explained in their brief, "Although criteria air pollutants can also be harmful to human health, they are distinguishable from TACs and are regulated separately. The most relevant difference between criteria pollutants and TACs for purposes of this case is the manner in which human health impacts are accounted for. While it is common practice to analyze the correlation between an individual facility's TAC emissions and the expected localized human health impacts, such is not the case for criteria pollutants" (SJVAPCD 2015). Unlike with TACs (where assessment occurs in conjunction with environmental analysis for individual projects), the human health impacts associated with criteria air pollutants are analyzed and taken into consideration when EPA sets the NAAQS for each criteria pollutant. (42 U.S.C. § 7409(b)(1).) The health impact of a particular criteria pollutant is analyzed on a regional and not a facility or individual project level based on how close the area is to complying with (attaining) the NAAQS (SJVAPCD 2015). The SJVAPCD concluded that while it is possible to perform a health impact analysis for TACs, "it is not feasible to conduct a similar analysis for criteria air pollutants because currently available computer modeling tools are not equipped for this task" (SJVAPCD 2015).

Disconnect Between Mass and Concentration

Another important technical nuance is that health effects from air pollutants are related to the concentration of the air pollutant that an individual is exposed to, not necessarily the individual mass quantity of emissions associated with an individual project. For example, health effects from O_3 are correlated with increases in the ambient level of O_3 in the air a person breathes (SCAQMD 2015). However, it takes a large amount of additional precursor emissions to cause a modeled increase in ambient O_3 levels over an entire region (SCAQMD 2015).

For CEQA analyses, project-generated emissions are typically estimated in pounds per day or tons per year and compared to mass daily or annual emission thresholds. While CEQA thresholds are established at levels that the air basin can accommodate without affecting the attainment date for the AAQS, even if a project exceeds established CEQA significance thresholds, this does not mean that one can easily determine the concentration of O_3 or PM that will be created at or near the project site on a particular day or month of the year, or what specific health impacts will occur (SJVAPCD 2015).

As the SJVAPCD points out, the tonnage of PM "emitted does not always equate to the local PM concentration because it can be transported long distances by wind," and "[s]econdary PM, like O_3, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as sulfur dioxides (SO_x) and NO_x," meaning that "the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area" (SJVAPCD 2015). The disconnect between the tonnage of precursor pollutants (NO_x, SO_x and VOCs) and the concentration of O_3 or PM formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects, but the concentration of resulting O_3 or PM (SJVAPCD 2015). As discussed previously, the AAQS are established as concentrations of O_3 or PM and not as tonnages of their precursor pollutants (SJVAPCD 2015). The disconnect between the amount of precursor pollutants and the concentration of O_3 or PM formed makes it difficult to determine potential health impacts, which are related to the concentration of O_3 and PM experienced by the receptor rather than levels of NO_x, SO_x, and VOCs produced by a source (SJVAPCD 2015).

As discussed above, attainment of a particular AAQS occurs when the concentration of the relevant pollutant remains below a set threshold on a consistent basis throughout a particular region (SJVAPCD 2015). Because the AAQS are focused on achieving a particular concentration of pollution region-wide, an air district's tools and plans

for attaining the AAQS are regional in nature (SJVAPCD 2015). For instance, the computer models used to simulate and predict an attainment date for the O_3 or PM NAAQS in the San Joaquin Valley are based on regional inputs, such as regional inventories of precursor pollutants (NO_x, SO_x and VOCs) and the atmospheric chemistry and meteorology of the San Joaquin Valley (SJVAPCD 2015). At a very basic level, the models simulate future O_3 or PM levels based on predicted changes in precursor emissions San Joaquin Valley Air Basin-wide (SJVAPCD 2015). Because the AAQS are set levels necessary to protect human health, the closer a region is to attaining a particular AAQS, the lower the human health impact is from that pollutant (SJVAPCD 2015).

The goal of these modeling exercises is not to determine whether the emissions generated by a particular factory or development project will affect the date that the San Joaquin Valley Air Basin attains the AAQS (SJVAPCD 2015). Rather, the SJVAPCD's modeling and planning strategy is regional in nature and based on the extent to which all of the emission-generating sources in the San Joaquin Valley Air Basin (current and future) must be controlled in order to reach attainment (SJVAPCD 2015).

Correlation to Health Effects

The SJVAPCD ties the difficulty of correlating the emission of criteria pollutants to health impacts to how O_3 and PM are formed, as explained above. According to SJVAPCD, "even once a model is developed to accurately ascertain local increases in concentrations of photochemical pollutants like O_3 and some particulates, it remains impossible, using today's models, to correlate that increase in concentration to a specific health impact [because] such models are designed to determine regional, population-wide health impacts, and simply are not accurate when applied at the local level" (SJVAPCD 2015).

To demonstrate the relative scale between air basin-wide emissions used in photochemical and other regional modeling and proposed project-level emissions, emissions for the SFBAAB from the CARB California Emissions Projection Analysis Model (CEPAM) emissions inventory and estimated emissions from the proposed project are summarized below. CEPAM produces projected emissions that can then be gridded to serve as the emission input for photochemical modeling. Including all sources except natural sources,[5] total emissions for the SFBAAB for the CEPAM baseline year of 2012 is as follows: 245 tons per day for ROG, 331 tons per day of NO_x, 975 tons per day of CO, 31 ton per day for SO_x, 89 tons per day of PM_{10}, and 41 tons per day of $PM_{2.5}$ (CARB 2018b). For the proposed project's first year of operations in 2023, total projected emissions for the SFBAAB for all sources expect natural, as forecasted by CEPAM, is as follows: 202 tons per day for ROG, 204 tons per day of NO_x, 668 tons per day of CO, 28 ton per day for SO_x, 90 tons per day of PM_{10}, and 38 tons per day of $PM_{2.5}$ (CARB 2018b). Construction of the proposed project is estimated to result in average daily emissions of 0.001 ton per day for ROG, 0.02 ton per day of NO_x, 0.02 ton per day of CO, 0.00005 ton per day for SO_x, 0.002 ton per day of PM_{10}, and 0.001 ton per day of $PM_{2.5}$ (see Table D.3-6, Comparison of Construction Emissions to Significance Thresholds in EIR). The proposed project would result in negligible operational emissions. As presented above, proposed project emissions represent a small fraction of the total emissions in the SFBAAB.

SCAQMD used O_3, which is formed from the chemical reaction of NO_x and VOCs in the presence of sunlight, as an example of why it is impracticable to determine specific health outcomes from criteria pollutants for all but very

[5] Natural sources are non-manmade emission sources, which include biological and geological sources, wildfires, windblown dust, and biogenic emissions from plants and trees.

large, regional-scale projects. First, forming O_3 "takes time and the influence of meteorological conditions for these reactions to occur, so ozone may be formed at a distance downwind from the sources" (SCAQMD 2015). Second, "it takes a large amount of additional precursor emissions (NO_x and VOCs) to cause a modeled increase in ambient ozone levels over an entire region," with a 2012 study showing that "reducing NO_x by 432 tons per day (157,680 tons/year) and reducing VOC by 187 tons per day (68,255 tons/year) would reduce ozone levels at the SCAQMD's monitor site with the highest levels by only 9 parts per billion" (SCAQMD 2015). SCAQMD thus concludes that it "does not currently know of a way to accurately quantify O_3-related health impacts caused by NO_x or VOC emissions from relatively small projects" (SCAQMD 2015).

Essentially, SCAQMD takes the position that a project emitting only 10 tons per year of NO_x or VOC is small enough that its regional impact on ambient O_3 levels may not be detected in the regional air quality models that are currently used to determine O_3 levels; thus, in this case it would not be feasible to directly correlate project emissions of VOC or NO_x with specific health impacts from O_3 (SCAQMD 2015). Therefore, lead agencies that use SCAQMD's thresholds of significance may determine that many projects have "significant" air quality impacts and must apply all feasible mitigation measures, yet will not be able to precisely correlate the project to quantifiable health impacts.

Effects on Number of Nonattainment Days

In regard to regional concentrations and air basin attainment, the SJVAPCD emphasized that attempting to identify a change in background pollutant concentrations that can be attributed to a single project, even one as large as the entire Friant Ranch Specific Plan, is a theoretical exercise. The SJVAPCD brief noted that it "would be extremely difficult to model the impact on NAAQS attainment that the emissions from the Friant Ranch project may have" (SJVAPCD 2015). The situation is further complicated by the fact that background concentrations of regional pollutants are not uniform either temporally or geographically throughout an air basin, but are constantly fluctuating based upon meteorology and other environmental factors. As discussed above, the currently available modeling tools are equipped to model the impact of all emission sources in the San Joaquin Valley Air Basin on attainment (SJVAPCD 2015). The SJVAPCD brief then indicated that, "Running the photochemical grid model used for predicting O_3 attainment with the emissions solely from the Friant Ranch project (which equate to less than one-tenth of one percent of the total NO_x and VOC in the Valley) is not likely to yield valid information given the relative scale involved" (SJVAPCD 2015).

Sacramento Metropolitan Air Quality Management District Interim Guidance

As previously discussed, the SMAQMD is to date the only California air district to formally release, as guidance, an Interim Recommendation (April 2019) for lead agencies and practitioners preparing CEQA documents for projects within Sacramento County to comply with the Friant Ranch decision. Consistent with the expert opinions submitted to the Court in Friant Ranch by SJVAPCD and SCAQMD, the SMAQMD guidance confirms the absence of an acceptable or reliable quantitative methodology that would correlate the expected criteria air pollutant emissions of projects to the likely health consequences to people of project-generated criteria air pollutant emissions. The SMAQMD guidance explains that while it is in the process of developing a methodology to assess these impacts, lead agencies should follow the Friant Court's advice to explain in meaningful detail why this analysis is not yet feasible.

The Interim Recommendation further states that, "neither the Sac Metro Air District nor any other air district currently have methodologies that would provide Lead Agencies and CEQA practitioners with a consistent, reliable, and meaningful analysis to correlate specific health impacts that may result from a proposed project's mass emissions" (SMAQMD 2019). The recommendation further explains that air districts have focused on reducing regional emissions from all sectors to meet the health-based concentration standards, thereby reducing the pollutant specific health impacts for the entire population. For example, the SMAQMD prepared plans to attain and maintain the O_3 and PM AAQS. These attainment plans include emissions inventories, air monitoring data, control measures, modeling, future pollutant-level estimates, and general health information. Attainment planning models rely on regional inputs to determine O_3 and PM formation and concentrations in a regional context, not a project specific context. Because of the complexity of O_3 formation, the pounds or tons of emissions from a proposed project in a specific geographical location does not equate to a specific concentration of ozone formation in a given area, because in addition to emission levels, ozone formation is affected by atmospheric chemistry, geography, and weather. Secondary formation of particulate matter is very similar to the complexity of O_3 formation, and localized impacts of directly emitted PM do not always equate to local PM concentrations due to transport of emissions. Accordingly, because air district attainment plans and supporting air model tools are regional in nature, they do not allow for analysis of the health impacts of specific projects on any given geographic location. The Interim Recommendation also references available health-related information, but indicates that the available information cannot be directly correlated to the pounds/day or tons/year of emissions estimated from a single, proposed project.

The interim recommendation is in place to assist lead agencies and practitioners with CEQA document preparation until SMAQMD develops a methodology that provides a consistent, reliable and meaningful analysis to address the Court's direction on correlating health impacts to a project's emissions.

Methods Evaluated

At the time of writing, there are no specific tools established for use in CEQA documents to connect criteria air pollutant emissions from an individual project to specific health effects that have been endorsed by an expert agency such as a California air district or CARB. Similarly, there are no specific tools established for use in National Environmental Policy Act (NEPA) documents that provide the discussed correlation that have been endorsed by the EPA. As such, Dudek evaluated existing modeling tools and calculation methods established for other purposes and uses, in order to determine whether such tools and methods could potentially be used in CEQA documents in a manner that would address the Friant Ranch decision and provide reliable and meaningful results. Of importance, as noted previously, no expert agency has approved a quantitative method or guidance to reliably and meaningfully translate the mass emission estimates for the criteria air pollutants resulting from the proposed project to specific health effects. As such, regardless if there is a method available to evaluate health effects from a proposed project, the lack of available guidance could potentially result in health effect estimates that have yet to be demonstrated as reliable. In addition, the meaningfulness of results for an individual project has yet to be demonstrated at this time.

California Emissions Estimator Model

The California Emissions Estimator Model (CalEEMod) is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and greenhouse gas emissions associated with both construction and operations from a variety of land use development projects (CAPCOA 2017). CalEEMod quantifies direct emissions from construction and operational activities. CalEEMod incorporates vehicle emission factors from the CARB Mobile Source Emissions Inventory, EMFAC, and CARB's offroad equipment inventory, OFFROAD. CalEEMod was developed for the California Air Pollution Officers Association (CAPCOA) in collaboration with numerous expert consultants and California Air Districts. CalEEMod is broadly accepted by lead agencies and technical experts as a comprehensive tool for quantifying air quality impacts from land use projects located throughout California for CEQA purposes.

CalEEMod estimates emissions of ROG, NO_x, CO, SO_x, PM_{10}, $PM_{2.5}$ in mass daily emissions (pounds per day) and mass annual emissions (tons per year). For PM_{10} and $PM_{2.5}$, CalEEMod estimates exhaust and fugitive dust emissions separately. CalEEMod does not estimate concentrations of air pollutants and does not estimate emissions of secondary pollutants such as O_3 and $PM_{2.5}$. In addition, CalEEMod does not estimate potential health effects of a project. Accordingly, CalEEMod is not suitable to evaluate health effects from individual projects.

EMFAC and OFFROAD

CARB's Mobile Source Emissions Inventory or EMissions FACtor (EMFAC) model was developed and used by CARB to assess emissions from on-road vehicles, including cars, trucks, and buses in California, and to support CARB's regulatory and air quality planning efforts to meet the Federal Highway Administration's transportation planning requirements. The CARB offroad equipment inventory, OFFROAD, is an emissions inventory for off-road diesel engines quantify the amount of pollutants from thousands of engines in equipment used in industrial applications, agriculture, construction, mining, oil drilling, power generation, and many other industries. As with CalEEMod, EMFAC and OFFROAD do not perform dispersion of pollutants, do not estimate concentrations of air pollutants, and do not estimate health effects of a project. Accordingly, EMFAC and OFFROAD are not suitable to evaluate health effects from individual projects.

Ambient Air Quality Analysis Using Dispersion Model

An ambient air quality analysis (AAQA) is typically conducted to estimate the maximum concentration of a criteria air pollutant taking into consideration meteorology, including wind direction and speed, and terrain for the area, as well as emission source characteristics, such as coordinates and facility boundaries. AAQAs are conducted for on-site air pollutant sources to assess potential concentrations in the vicinity of a project or facility. If a project exceeds a mass daily or annual threshold for a pollutant for which an air basin is in attainment of, an AAQA can evaluate whether the maximum project-generated pollutant concentration plus the ambient background concentration of that pollutant in the project area could result in an exceedance of an AAQS.

An AAQA is typically conducted using an air dispersion model. Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or off-site workplace receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are

influenced by the pollutant's physical and chemical properties and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

The American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) is typically used for an AAQA. AERMOD is a steady-state plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of both surface and elevated sources, and both simple and complex terrain. AERMOD can estimate pollutant concentrations of NO_x, NO_2, CO, SO_2, PM_{10}, $PM_{2.5}$, total suspended particulates, lead, and other pollutants. AERMOD cannot estimate concentrations of O_3 or secondary PM.

The SJVAPCD has developed an AAQA modeling methodology with three levels of increasing refinement and complexity (SJVAPCD 2014). For each level, the SJVAPCD recommends first summing the maximum modeled concentration for each pollutant and averaging period combination with the corresponding background concentrations and comparing against the respective AAQS. If the project does not cause an exceedance of any AAQS, then no further evaluation is required. However, if the project results in an exceedance of an AAQS, the SJVAPCD then recommends comparing the project's maximum modeled concentration for each pollutant and averaging period combination with the corresponding EPA Significant Impact Level (SIL), which are used as concentration screening thresholds to determine whether a project source's emissions would have a potentially significant impact on air quality in the area (SJVAPCD 2014). The SILs are based on the EPA Prevention of Significant Deterioration (PSD) permitting program to represent the point below which the increased emissions from a new or modified major source on air quality does not cause or contribute to a violation of the NAAQS.

While AERMOD can estimate concentrations for certain pollutants (though it cannot estimate concentrations of secondary pollutants such as O_3 and PM), no methods have been demonstrated to reliably and meaningfully connect pollutant concentrations to specific health effects. Further, when a project exceeds a threshold for a pollutant for which the air basin is in nonattainment and the background level in the project area already exceeds the AAQS, the AAQA is not presently able to estimate additional nonattainment days resulting from the project's pollutant concentration contribution.

SCAQMD Localized Significance Threshold Analysis

The SCAQMD developed a localized significance threshold (LST) analysis in response to CARB Governing Board's Environmental Justice Enhancement Initiative I-4. LSTs represent the maximum emissions from a project that will not cause or contribute to an exceedance of the most stringent applicable national or state AAQS at the nearest sensitive receptor, taking into consideration ambient concentrations in each source receptor area, project size, and distance to the nearest sensitive receptor. LSTs has been developed for NO_2, CO, PM_{10}, and $PM_{2.5}$. Because O_3 is a pollutant of regional concern, LSTs are not applicable to VOC emissions, which contribute to O_3 formation. Per the LST guidance, only on-site emissions should be included; off-site mobile emissions from the project should not be included in the emissions compared to the LSTs (SCAQMD 2008).

The SCAQMD developed LST lookup tables to assist lead agencies with a simple tool for evaluating the impacts from small, typical projects; the LST mass rate look-up tables allow a user to readily determine if the daily emissions for proposed construction or operational activities could result in significant localized air quality impacts without performing project-specific dispersion modeling. If the calculated emissions for the proposed construction or operational activities are below the LST emission levels found on the LST mass rate look-up tables and no potentially significant impacts are found to be associated with other environmental issues, then the proposed construction or operation activity is not significant for air quality. Proposed projects whose calculated emission budgets for the proposed construction or operational activities are above the LST emission levels found in the LST mass rate look-up tables should not assume that the project would necessarily generate adverse impacts. Detailed air dispersion modeling may demonstrate that pollutant concentrations are below LSTs. The lead agency may choose to describe project emissions above those presented in the LST mass rate look-up tables as significant or perform detailed air dispersion modeling or perform localized air quality impact analysis according to their own significance criteria (SCAQMD 2008). The SCAQMD provides guidance for performing the dispersion modeling if the lead agency chooses to.

As noted above, the LST analysis is not for all criteria air pollutants; LSTs have only been established for localized (onsite) emissions of NO_2, CO, PM_{10}, and $PM_{2.5}$. In addition, the LSTs are specific to source receptor areas, which take into account ambient air quality as measured by SCAQMD monitoring stations in or near the source receptor area, within the SCAQMD jurisdictional boundaries (SCAQMD 2008). As such, use of the SCAQMD LST analysis outside of the SCAQMD is not appropriate. As with the AAQA discussion above, the LST analysis does not connect pollutant concentrations to specific health effects. Further, the LST analysis does not estimate additional nonattainment days resulting from the project's pollutant concentration contribution.

Toxic Air Contaminant Health Risk Assessments

Generically, risk is the probability of an adverse outcome from any situation or action. A health risk assessment (HRA), therefore, is an analysis or report that describes the type and quantity of pollutants a person may be exposed to and estimates the potential cancer or noncancer health risk from the predicted exposures using mathematical models (CARB 2018c). The HRA includes a comprehensive analysis of the dispersion of hazardous substances, the potential for human exposure, and a quantitative assessment of both individual and population wide health risks (CARB 2018c).

As explained above, there are important differences between TACs and criteria air pollutants. Health effects to TACs may occur at extremely low levels and it is typically difficult to identify levels of exposure which do not produce adverse health effects, while a criteria air pollutant is an air pollutant for which acceptable levels of exposure can be determined (CARB 2019g).

HRAs in California are to be conducted according to methods developed by the OEHHA and are intended to be protective of the public's health (CARB 2018c). OEHHA has developed an Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (Guidance Manual), which includes a description of the algorithms, recommended exposure variates, cancer and noncancer health values, and the air modeling protocols needed to perform a HRA under the Air Toxics Hot Spots Information and Assessment Act of 1987 (Health and Safety Code Section 44300 et seq.) (OEHHA 2015).

HRAs typically use AERMOD, which, as explained above, is a dispersion model that can estimate concentrations of certain pollutants. A HRA typically also uses CARB's Hotspots Analysis and Reporting Program (HARP), which is a software suite that addresses the programmatic requirements of the Air Toxics "Hot Spots" Program (Assembly Bill 2588). HARP combines the tools needed to implement the requirements of AB 2588, such as reporting a facilities emissions inventory, determining a facilities prioritization score, conducting air dispersion modeling, and performing a facility HRA, and incorporates the information presented in the OEHHA 2015 Guidance Manual. HARP can also be used for conducting HRAs used in other programs such as for CEQA assessments. HARP can only calculate risk for pollutants that have health values approved for use in the AB 2588 program (CARB 2018c).

While a HRA can be feasibly conducted for TACs and air districts, such as the BAAQMD, have established significance thresholds for TAC exposure, a similar analysis cannot be conducted for criteria air pollutants as current modeling tools, such as AERMOD and HARP, are not set-up to estimate health effects from criteria air pollutants.

Reference Exposure Levels

Dose-response assessment describes the quantitative relationship between the amount of exposure to a substance (the dose) and the incidence or occurrence of an adverse health impact (the response) (OEHHA 2015). Dose-response information for noncancer health effects is used to determine Reference Exposure Levels (RELs). Inhalation RELs are air concentrations or doses at or below which adverse noncancer health effects are not expected even in sensitive members of the general population under specified exposure scenarios. The hazard index target organs for the inhalation RELs include: respiratory system/eyes for O_3, respiratory system for NO_2, cardiovascular system for CO, and respiratory system for SO_2 (OEHHA 2016). The acute RELs are for infrequent 1-hour exposures that occur no more than once every two weeks in a given year, although this time frame of exposure does not necessarily apply to chemicals that can bio-accumulate (e.g., dioxins and furans, polychlorinated biphenyls [PCBs], and various metals). The chronic RELs are for 24-hour per day exposures for at least a significant fraction of a lifetime, defined as about 8 years (≥12% of a 70 year lifespan). The 8-hour RELs are for repeated 8-hour exposures for a significant fraction of a lifetime such as the exposures that offsite workers might typically receive.

The first step in determining an acute, 8-hour, or chronic REL is to determine a point of departure. The point of departure is preferably determined by the benchmark concentration procedure applied to human or animal studies, but if this method of calculation cannot be used with a particular data set, a no observed adverse effect level (NOAEL) or lowest observed adverse effect level (LOAEL) may be used as the point of departure (OEHHA 2015). The benchmark concentration method (also referred to as the benchmark dose method for oral exposures) is a preferred method to estimate a point of departure because it takes all of the available dose-response data into account to statistically estimate, typically, a 5% response rate.

It should be emphasized that exceeding the acute or chronic REL does not necessarily indicate that an adverse health impact will occur. The REL is not the threshold where population health effects would first be seen. However, levels of exposure above the REL have an increasing, but undefined, probability of resulting in an adverse health impact, particularly in sensitive individuals (e.g., depending on the toxicant, the very young, the elderly, pregnant women, and those with acute or chronic illnesses) (OEHHA 2015). The significance of exceeding the REL is dependent on the seriousness of the health endpoint, the strength and interpretation of the health studies, the magnitude of combined safety factors, and other considerations. In addition, there is a possibility that a REL may not be protective of certain small, unusually sensitive human subpopulations. Such subpopulations can be difficult

to identify and study because of their small numbers, lack of knowledge about toxic mechanisms, and other factors. It may be useful to consult OEHHA staff when a REL is exceeded (hazard quotient or hazard index is greater than 1.0).

By definition, an acute REL is an exposure that is not likely to cause adverse health effects in a human population, including sensitive subgroups, exposed to that concentration (in units of micrograms per cubic meter or $\mu g/m^3$) for the specified exposure duration on an intermittent basis (OEHHA 2015). All criteria air pollutants have established acute RELs by OEHHA except for PM_{10} and $PM_{2.5}$ because PM in and of itself does not have known acute or chronic effects, rather the components of PM (including TACs) have the known effects. No chronic RELs have been established for criteria air pollutants because the epidemiological studies needed to establish the long-term health effects have not been conducted mainly due to the complexity needed to isolate an individual criteria air pollutant from ambient air and conduct a long-term exposure experiment.

As discussed previously, it is possible using air dispersion models (such as AERMOD) to estimate the concentration of a primary air pollutant emitted from a project from various sources. This concentration could then be compared to the REL for each criteria air pollutant. However, even if a REL is exceeded, the conclusion would be an increasing but undefined probability of resulting in an adverse health impact. Therefore, the conclusion would not be meaningful in the context of CEQA and the Friant Ranch decision.

Regional Photochemical Models

Air districts, such as the BAAQMD, use photochemical air quality models for regional air quality planning. The following discussion of photochemical air quality models is derived from EPA's Support Center for Regulatory Atmospheric Modeling (SCRAM), Photochemical Air Quality Modeling summary (EPA 2017b):

Photochemical air quality models have become widely recognized and routinely utilized tools for regulatory analysis and attainment demonstrations by assessing the effectiveness of control strategies. These photochemical models are large-scale air quality models that simulate the changes of pollutant concentrations in the atmosphere using a set of mathematical equations characterizing the chemical and physical processes in the atmosphere. These models are applied at multiple spatial scales from local, regional, national, and global.

There are two types of photochemical air quality models commonly used in air quality assessments: the Lagrangian trajectory model that employs a moving frame of reference, and the Eulerian grid model that uses a fixed coordinate system with respect to the ground. Earlier generation modeling efforts often adopted the Lagrangian approach to simulate the pollutants formation because of its computational simplicity. The disadvantage of Lagrangian approach, however, is that the physical processes it can describe are somewhat incomplete. Most of the current operational photochemical air quality models have adopted the three-dimensional Eulerian grid modeling mainly because of its ability to better and more fully characterize physical processes in the atmosphere and predict the species concentrations throughout the entire model domain. Several photochemical air quality models are summarized below:

> **Community Multiscale Air Quality (CMAQ):** The CMAQ modeling system includes state-of-the-science capabilities for conducting urban-to-regional-to-hemispheric scale simulations of multiple air quality issues, including tropospheric O_3, fine particles, TACs, acid deposition, and visibility degradation. CMAQ brings together three kinds of models: (1) Meteorological models to represent atmospheric and weather activities,

(2) Emission models to represent man-made and naturally-occurring contributions to the atmosphere, and (3) An air chemistry-transport model to predict the atmospheric fate of air pollutants under varying conditions (EPA 2018d). Notably, the BAAQMD used CMAQ for their 2017 Clean Air Plan for simulating O_3 and $PM_{2.5}$ (BAAQMD 2017).

Comprehensive Air Quality Model with extensions (CAMx): The CAMx model simulates air quality over many geographic scales. The model treats a wide variety of inert and chemically active pollutants, including O_3, PM, inorganic and organic $PM_{2.5}/PM_{10}$, and mercury and other toxics. CAMx also has plume-in-grid and source apportionment capabilities.

As explained in the Regulatory Impact Analysis of the Final Revisions to the National Ambient Air Quality Standards for Ground-Level Ozone: "CAMx is a three-dimensional grid-based Eulerian air quality model designed to estimate the formation and fate of oxidant precursors, primary and secondary particulate matter concentrations, and deposition over regional and urban spatial scales (e.g., over the contiguous U.S.) (EPA 2015a). Because it accounts for spatial and temporal variations as well as differences in the reactivity of emissions, CAMx is useful for evaluating the impacts of the control strategies on ozone concentrations" (EPA 2015a). The BAAQMD used CAMx for simulating TACs (BAAQMD 2017).

Regional Modeling System for Aerosols and Deposition (REMSAD): REMSAD was designed to calculate the concentrations of both inert and chemically reactive pollutants by simulating the physical and chemical processes in the atmosphere that affect pollutant concentrations over regional scales. It includes those processes relevant to regional haze, PM, and other airborne pollutants, including soluble acidic components and mercury.

Urban Airshed Model Variable Grid (UAM-V): The UAM-V Photochemical Modeling System was a pioneering effort in photochemical air quality modeling in the early 1970s and has been used widely for air quality studies focusing on O_3. It is a three-dimensional photochemical grid model designed to calculate the concentrations of both inert and chemically reactive pollutants by simulating the physical and chemical processes in the atmosphere that affect pollutant concentrations. This model is typically applied to model air quality "episodes" - periods during which adverse meteorological conditions result in elevated O_3 pollutant concentrations.

As explained in the SJVAPCD brief and noted previously, running the photochemical grid model used for predicting O_3 attainment with the emissions solely from an individual project like the Friant Ranch project or the proposed project is not likely to yield valid information given the relative scale involved. In addition, and similarly noted previously, even if local increases in concentrations of pollutants can be estimated, there is currently no way to accurately correlate that increase in concentration to a specific health effect as current models are not accurate when applied at the local level. Accordingly, use of photochemical models have not been demonstrated to provide reliable and meaningful results for an individual project.

Methodology for Estimating Premature Deaths Associated with Long-term $PM_{2.5}$ Exposure

CARB has developed a methodology to estimate premature deaths from large amounts of $PM_{2.5}$ (CARB 2008a). Regarding the general relationship (relative risk) for use in California, the methodology document states: "From the

procedures described in Section II.D, the central estimate of the relative risk of premature death is 10 percent per 10 µg/m^3 increase in $PM_{2.5}$ exposure, with a 3 to 20 percent confidence interval" (CARB 2008a).

The SCAQMD used the CARB methodology to predict impacts from three very large power plants, which ranged from 723 to 1,837 pounds of $PM_{2.5}$ per day, and determined mortality ranging from a low of 0.05 persons per year to a high of 1.77 persons per year (SCAQMD 2015). However, the SCAQMD brief states, "the primary author of the CARB methodology has reported that this $PM_{2.5}$ health impact methodology is not suited for small projects and may yield unreliable results due to various uncertainties" (SCAQMD 2015). Among these uncertainties are the representativeness of the population used in the methodology, and the specific source of PM and the corresponding health impacts (SCAQMD 2015). Furthermore, in regards to evaluating the potential for application of a concentration-response function, such as the one CARB developed, to an individual project, peer-reviewers of the CARB study noted specific concerns about applying the CARB methodology to specific emission sources (even large-scale sources such as the ports) (Environ 2011). As noted in the 2008 CARB study (Environ 2011):

- Small population samples may introduce systemic uncertainties in exposure and susceptibility, and the age/sex distribution of the population should be adjusted if the county-wide incidence rate is applied to smaller areas;
- Population demographics should be the same as those in the concentration-response function;
- The effect of population size is important and is a function of variability and confidence intervals of the underlying epidemiological studies; and
- The concentration-response function will vary based on the source of PM and other caveats, including those above.

SCAQMD staff concluded that use of this methodology for a small source could result in unreliable findings and would not provide meaningful information; while it may be technically possible to plug the data into the methodology, the results would not be considered reliable or meaningful (SCAQMD 2015).

EPA Photochemical Grid Models for Single-Source Ozone and Secondary $PM_{2.5}$ Impacts for Permitting

On January 17, 2017, EPA published (82 FR 5182) revisions to the Guideline on Air Quality Models, referred to as Appendix W, including criteria and process steps for choosing single-source analytical techniques or models to estimate O_3 impacts from precursor NO_x and VOC emissions and concentrations of direct and secondarily-formed $PM_{2.5}$. EPA has developed a two-tiered demonstration approach for addressing single-source impacts on O_3 and secondary $PM_{2.5}$. Tier 1 demonstration involve use of technically credible relationships between emissions and ambient impacts based on existing modeling studies, and Tier 2 demonstration involves case-specific application of chemical transport modeling (e.g., with an Eulerian grid or Lagrangian model).

While EPA has recently published PSD SILs for O_3 and $PM_{2.5}$, April 17, 2018, EPA has acknowledged the complexity of modeling single-source project impacts with the development of a tiered approach discussed above and detailed in Appendix W. While the development of PSD SILs and Appendix W modeling methodology provides evidence of potential modeling to support the evaluation of project impacts under CEQA reviews, there are technical differences

between stationary source projects regulated under the PSD program compared to land use development projects regulated under CEQA that result in uncertainty of results, discussed as follows.

As described in the EPA Memorandum, August 4, 2017, "*Use of Photochemical Grid Models for Single-Source Ozone and Secondary $PM_{2.5}$ impacts for Permit Program Related Assessments and for NAAQS Attainment Demonstrations for Ozone, $PM_{2.5}$ and Regional Haze*," there are multiple criteria that need to be satisfied to provide demonstration that a modeling system is fit for the purpose of supporting permitting demonstrations of NAAQS attainment, including:

1. The model or technique has received a scientific peer review;
2. The model or technique can be demonstrated to be applicable to the problem on a theoretical basis;
3. The database which are necessary to perform the analysis are available and adequate;
4. Appropriate performance evaluations of the model or technique have shown that the model or technique is not inappropriately biased for regulatory application; and
5. A protocol on methods and procedures to be followed has been established.

The EPA has assessed these five criteria in support of Appendix W changes to include criteria and process steps for choosing single-source analytical techniques or models to estimate O_3 effects from NO_x and VOC emissions and to estimate concentrations direct and secondarily-formed $PM_{2.5}$. However, this assessment has been performed relative to stationary sources and includes Criteria 4 performance evaluations of stationary sources only. In development of the Modeled Emission Rates for Precursors (MERPs) for the PSD Tier 1 Demonstration Tool, EPA modeled theoretical single-sources projects located throughout the continental United States. These projects were modeled at a low and high stack height of 1 meter (m) and 90 m, respectively; stack diameter of 5 m; exit temperature of 100 Fahrenheit (°F); and exit velocity of 27 meters per second (89 feet per second). The hypothetical sources included multiple emission rates: 100, 300, 500, 1,000, 2,000, and 3,000 tons per year.

CEQA requires review of all project-generated criteria air pollutant emissions, including emissions resulting from stationary sources, mobile sources, construction sources, operational, and maintenance activities and includes secondarily generated emissions from energy usage, water, solid waste, and wastewater generation. Many CEQA project emissions, like those for the proposed project, are dominated by mobile sources and fugitive emission sources with essentially no vertical plume velocity and have very different dispersion characteristics as compared to PSD major sources like those modeled for MERPs. Therefore, there is uncertainty of the results of applying performance evaluations from the PSD project examples to CEQA project emissions given the complexity of modeling the photochemical reactions resulting in O_3 formation and secondary $PM_{2.5}$, as discussed above. At this time, to our knowledge, chemical transport modeling of the formation of O_3 and $PM_{2.5}$ has not been proven under performance evaluations to show that the available modeling techniques are not inappropriately biased for CEQA projects.

Environmental Benefits Mapping and Analysis Program – Community Edition (BenMAP-CE)

The environmental Benefits Mapping and Analysis Program—Community Edition (BenMAP-CE) estimates the number and economic value of health effects resulting from changes in air pollution concentrations (EPA 2018e). The open-source BenMAP-CE tool replaces the proprietary version of the program (BenMAP) that the EPA first developed in 2003 to analyze national-scale air quality policies. These analyses include EPA's health benefits assessments for the NAAQs for PM (2006, 2012) and O_3 (2008, 2010), as well as the Locomotive Marine Engine Rule (2008). EPA and its partners designed BenMAP-CE to serve the analytical needs of a range of users, including scientists, policy analysts, and decision makers. Most users apply the BenMAP-CE tool to answer one of two types of questions (EPA 2018e):

1) What are the human health and economic benefits associated with a policy improving air quality?

   and/or

2) What is the human health burden attributable to total air pollution levels?

The health impact function in BenMAP-CE incorporates four key sources of data: (i) modeled or monitored air quality changes, (ii) population, (iii) baseline incidence rates, and (iv) an effect estimate. When using BenMAP-CE on a local scale, data typically used, which needs to match the grid definition,[6] include air quality modeling, incidence data, and population data. While BenMAP-CE can be used on a local-scale if accurate input information is available, using BenMAP-CE for a project-level analysis in CEQA has not yet been demonstrated to provide meaningful results in a CEQA context.

CARB conducted a health risk assessment for the West Oakland community in 2008 ("Diesel Particulate Matter HRA for the West Oakland Community"). The study was designed to evaluate the emissions impacts and the potential public health risk to both residents of West Oakland and the broader Bay Area from exposures to diesel PM from the Maritime Port of Oakland, the Union Pacific Railroad, and additional sources adjacent to the West Oakland Community (i.e., ocean-going vessels, commercial harbor craft, cargo handling equipment, locomotives, Amtrak maintenance facility, major construction projects, stationary point sources, on-road trucks, and truck-based businesses and distribution centers), and used BenMAP to estimate non-cancer health effects (CARB 2008b). CARB staff included only directly emitted PM and did not account for secondary PM formed from NO_x and SO_x emissions. As explained in the West Oakland study, "Risk assessment is a complex process which requires the integration of many variables and assumptions. Due to these variables and assumptions, there are uncertainties and limitations with the results. Generally, the assumptions are designed to be health protective so that the estimates of risks to individuals are not underestimated. Uncertainty associated with the key elements used in a risk assessment include uncertainty in the health risk values, the air dispersion modeling used to predict diesel PM concentrations, and the model input parameters" (CARB 2008b).

[6] A BenMAP-CE Grid Definition provides a method of breaking a geographic region into areas of interest (Grid Cells) in conducting an analysis (EPA 2018e). This can be done in two ways - by loading a Shapefile (a particular type of GIS file) or by specifying a regularly shaped grid pattern. These are referred to as Shapefile Grid Definitions and Regular Grid Definitions, respectively. Typically a Shapefile Grid Definition is used when the areas of interest are political boundaries with irregularly shaped borders, while a Regular Grid Definition is used when the areas of interest are uniformly shaped grids (e.g., rectangles) (EPA 2018e).

Furthermore, in regards to a conducting health impact assessment, in general, as the spatial scale decreases, national or "generic" data may become less representative (Hubbell 2009). At the same time, local data may not be available or may be more uncertain given smaller sample sizes (Hubbell 2009). In addition, there is a tension between developing assessments that are locally meaningful and using methods that are consistent with other health impact assessments, so that results can be compared across settings (Hubbell 2009).

Benefit or Incidents per Ton Factors

In 2013, EPA published a Technical Support Document (TSD) describing an approach for estimating the average avoided human health impacts, and monetized benefits related to emissions of $PM_{2.5}$ and $PM_{2.5}$ precursors, including NO_x and SO_2, from 17 sectors[7] using the results of source apportionment photochemical modeling. In 2017, EPA released a new version of its BenMAP-CE tool that incorporated new demographic and economic parameters. Using the 2017 version of BenMAP-CE, EPA re-calculated the $PM_{2.5}$ benefit per ton values.

The procedure for calculating benefit per ton coefficients follows three steps (EPA 2018f):

1. Using source apportionment photochemical modeling, predict annual average ambient concentrations of primary $PM_{2.5}$, nitrate and sulfate attributable to each of 17 emission sectors across the Continental U.S.

2. For each sector, estimate the health impacts, and the economic value of these impacts, associated with the attributable ambient concentrations of primary $PM_{2.5}$, sulfate and nitrate $PM_{2.5}$ using BenMAP v1.3.71.[8]

3. For each sector, divide the $PM_{2.5}$-related health impacts attributable to each type of $PM_{2.5}$, and the monetary value of these impacts, by the level of associated precursor emissions. That is, primary $PM_{2.5}$ benefits are divided by direct $PM_{2.5}$ emissions, sulfate benefits are divided by SO_2 emissions, and nitrate benefits are divided by NO_x emissions.

The benefit per ton analysis includes many data sources as inputs, including emission inventories, air quality data from models (with their associated parameters and inputs), population data, health effect estimates from epidemiology studies, and economic data for monetizing benefits (EPA 2018e). Each of these inputs may be uncertain and would affect the benefits estimate (EPA 2018e). When the uncertainties from each stage of the analysis are compounded, small uncertainties can have large effects on the total quantified benefits (EPA 2018f).

The limitations and uncertainties discussion in the benefit per ton analysis cautions that: "Great care should be taken in applying these estimates to emission reductions occurring in any specific location, as these are all based

[7] The 17 sectors include locomotives and marine vessels, area sources, cement kilns, coke ovens, electric arc furnaces, electricity generating units, ferroalloy facilities, industrial point sources, integrated iron and steel facilities, iron and steel facilities, non-road mobile sources, ocean-going vessels, on-road mobile sources, pulp and paper facilities, refineries, residential wood combustion, and taconite mines (EPA 2018f).

[8] In this stage, EPA estimated the $PM_{2.5}$-related impacts associated with changes in directly emitted $PM_{2.5}$, nitrate and sulfate separately, so that they may ultimately calculate the benefit per ton reduced of the corresponding $PM_{2.5}$ precursor, or directly emitted $PM_{2.5}$, in step 3. When estimating these impacts, the EPA applied effect coefficients that relate changes in total $PM_{2.5}$ mass to the risk of adverse health outcomes; the EPA did not apply effect coefficients that are differentiated by $PM_{2.5}$ specie.

on national emission reduction assumptions and therefore represent an average benefit per ton over the entire United States. The benefit per ton for emission reductions in specific locations may be very different from the estimates presented here. In addition, estimates do not capture important differences in marginal benefit per ton that may exist due to different combinations of reductions (i.e., all other sectors are held constant) or nonlinearities within a particular pollutant (e.g., non-zero second derivatives with respect to emissions)" (EPA 2018f).

CARB has similarly developed incidents per ton values to evaluate costs versus benefits of air quality rules and regulations. Examples include the economic valuation during rulemaking for the Ports and Goods Movement in California (CARB 2006) and the Truck and Bus Regulation, the Drayage Truck Regulation, and the Tractor-Trailer Greenhouse Gas Regulation (CARB 2010).

CARB staff assessed the potential health effects associated with exposure to air pollutants arising from ports and goods movement in California focusing on PM and O_3, as they represent the majority of known risk associated with exposure to outdoor air pollution and there have been sufficient studies performed to allow quantification of the health effects associated with the referenced emission sources (CARB 2006). The assessment quantifies the premature deaths and increased cases of disease linked to exposure to PM and O_3 from ports and goods movement, and provides an economic valuation of these health effects.

The study noted that there are significant uncertainties involved in quantitatively estimating the health effects of exposure to outdoor air pollution (CARB 2006), The various uncertainties and limitations include uncertainties related to emissions estimation, exposure estimates and populations, concentration-response functions, baseline rates of mortality and morbidity, health effects of sulfate exposure, and unquantified adverse effects. Many of these elements have a factor-of-two uncertainty; over time, some of these uncertainties may be reduced as new research is completed. However, significant uncertainty will remain in any estimate made over the foreseeable future (CARB 2006).

The benefit or incidents per ton factor assessment, while useful for economic valuations during rulemaking for regulatory controls that would reduce substantial quantities of air pollutant emissions, in its current form, has too substantial of uncertainties when applied to individual projects to be used for CEQA analyses with a level of accuracy. Therefore, as currently used by CARB and EPA, the benefit or incidents per ton factor assessment is determined to not provide reliable and meaningful results for individual projects.

Conclusion

As explained above, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days, which coupled with lack of expert agency guidance, has yet to provide reliable and meaningful additional information regarding health effects from criteria air pollutants generated by individual projects. Neither the SJVAPCD nor the SCAQMD have identified a method to connect project-generated criteria air pollutant emissions to specific health effects for individual development projects.

5 Evaluation of the Proposed Project's Health Effects

As explained in Section 2, the EPA and CARB have established AAQS at levels above which concentrations could be harmful to human health and welfare, with an adequate margin of safety. Further, California air districts (like SCAQMD) have established emission-based thresholds that provide project-level estimates of criteria air pollutant quantities that air basins can accommodate without affecting the attainment dates for the AAQS. Accordingly, elevated levels of criteria air pollutants as a result of a proposed project's emissions could cause adverse health effects associated with these pollutants.

In this case, construction of the proposed project is estimated to not the BAAQMD thresholds for criteria air pollutants including ROG, NO_x, PM_{10} and $PM_{2.5}$. In addition, operation of the proposed project would not result in emissions that would exceed the BAAQMD thresholds for criteria air pollutants including ROG, NO_x, PM_{10} and $PM_{2.5}$. As shown in Table 2 (Section 2), the SFBAAB is designated as a nonattainment area for O_3 under the NAAQS and the CAAQS, and nonattainment for PM_{10} and $PM_{2.5}$ under the CAAQS.

ROG and NO_x are precursors to O_3, for which the SFBAAB is designated as nonattainment with respect to the NAAQS and CAAQS. The health effects associated with O_3 are generally associated with reduced lung function. The contribution of ROG and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SFBAAB due to O_3 precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the ROG emissions would occur because exceedances of the O_3 ambient air quality standards tend to occur between April and October when solar radiation is highest. The holistic effect of a single project's emissions of O_3 precursors is speculative because of the lack of quantitative methods to assess this impact. Nonetheless, ROG and NO_x emissions associated with proposed project construction and operation would not exceed the BAAQMD significance thresholds for construction; therefore, it would not significantly contribute to regional O_3 concentrations and the associated health effects.

Health effects that result from NO_2 and NO_x include respiratory irritation. The proposed project construction and operation would not generate NO_x emissions that would exceed the BAAQMD significance thresholds therefore, construction and operation of the proposed project is not anticipated to contribute to exceedances of the NAAQS and CAAQS for NO_2 because the SFBAAB is designated as in attainment of the NAAQS and CAAQS for NO_2 and the existing NO_2 concentrations in the area are well below the NAAQS and CAAQS standards. Therefore, the proposed project would not significantly contribute to potential health effects associated with NO_2 and NO_x.

CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots were discussed previously and are determined to be a less-than-significant impact. Therefore, the proposed project's CO emissions would not significantly contribute to significant health effects associated with this pollutant.

Construction and operation of the proposed project would not exceed the BAAQMD significance thresholds for PM_{10} and $PM_{2.5}$. As such, the proposed project would not significantly contribute to exceedances of the NAAQS and CAAQS for particulate matter and associated health effects related to PM_{10} and $PM_{2.5}$.

In summary, because construction and operation of the proposed project would not exceed the BAAQMD significance thresholds for ROG, NO_x, PM_{10}, and $PM_{2.5}$, the potential health effects associated with criteria air

pollutants are considered less-than-significant. Notably, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days, and there are currently no modeling tools endorsed by an expert agency (e.g., BAAQMD) that could provide reliable and meaningful additional information regarding health effects from criteria air pollutants generated by individual projects.

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APPENDIX D.4-1

Biological Resources Technical Report

TECHNICAL MEMORANDUM

Biological Resources Technical Report for the Pacific Gas and Electric Company Egbert Switching Station Project, San Mateo and San Francisco Counties, California

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Introduction

This report discusses biological resources for the proposed 230 kilovolt (kV) switching station and associated transmission lines for the Pacific Gas and Electric Company's (PG&E's) Egbert Switching Station Project. The project is located in both San Mateo and San Francisco counties in the cities of Daly City, Brisbane, and San Francisco (Figure 1). The project involves constructing a new 230 kV switching station and new 230 kV transmission lines to re-route with the Jefferson-Martin 230 kV line, loop-in the Martin-Embarcadero- 230 kV (HZ-1) line, and connect the existing Martin Substation to the new switching station. The proposed switching station location, currently used as a construction staging yard, is at 1755 Egbert Avenue, San Francisco.

This report also discusses the three proposed transmission line routes connecting the proposed Egbert Switching Station with the existing Jefferson-Martin 230 kV line, HZ-1 230 kV line, and Martin Substation. The transmission lines are proposed to be underground, and would be installed by open trench construction or auger bore in paved or disturbed areas, with only small portions through disturbed, landscaped, or nonnative vegetation (Figure 1). Once new lines are connected with existing lines, any line remnants would be removed from service by retiring the line in place. Construction would not extend beyond the existing line cap at the interconnection points with lines to Embarcadero, Jefferson, and Martin substations. Existing line remnants not connecting to the proposed Egbert Switching Station would be removed from service by retiring in place. Existing line termination equipment within Martin Substation will be removed. Work that would occur within an existing facility, such as this termination equipment removal, is not discussed further.

Six potential staging areas have been identified for this project. They include two potential staging areas within the fenced boundary of Martin Substation, two potential staging areas in an industrial area off of Amador Street, one potential staging area within a paved parking lot at the Cow Palace, and one potential staging area off of Carter Street in a disturbed area. One or several of these staging areas will be used for this project depending upon availability at the time of construction.

This report will discuss the areas that will be affected by this project and immediately adjacent areas, along with the potential for special-status plant and wildlife species to occur and proximity to waters that are potentially jurisdictional under the Clean Water Act (CWA) and California Fish and Game Code (CFGC).

Methods

Biological resources in the project area were characterized by reviewing existing information and conducting reconnaissance-level field surveys of botanical, wetlands, and wildlife resources. Reconnaissance-level surveys were conducted within the biological resources survey area corridor by CH2M biologist David Rasmussen on May 12, 2017. Follow up surveys for the potential staging areas were conducted by David Rasmussen on June 26, 2017. The purpose of these surveys was to identify potential habitat for special-status species and to field-verify the mapped vegetation types and wetland features that were identified in online database searches. Prior to conducting the reconnaissance-level surveys, the following biological databases were reviewed:

- California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDB) (CDFW, 2017)
- U.S. Fish and Wildlife Service (USFWS) Information, Planning, and Consultation System (IPaC) (USFWS, 2017a)
- USFWS Critical Habitat Mapper (USFWS, 2017b)
- California Native Plant Society (CNPS) online version of the Inventory of Rare and Endangered Plants of California (CNPS, 2017); species designated as List 3 and 4 were not considered
- National Wetlands Inventory (USFWS, 2017c)
- U.S. Geological Surveys (USGS) National Hydrography Dataset (USGS, 2017)

The CNDDB database search was conducted for a 5-mile buffer around the project area; the IPaC list was generated based on a polygon that surrounded the project; and the CNPS species list was generated for the San Francisco North and San Francisco South USGS quadrangles.

The biological resources survey area is shown on detailed route maps in this report, and includes a 300-foot-wide corridor centered on the proposed Jefferson-Egbert, Egbert-Embarcadero, and Martin-Egbert transmission lines and Egbert Switching Station (Figure 1). Sites located outside of the 300-foot-wide corridor, including the temporary work locations to support the HZ-1 line bypass activities, and potential staging areas encompassed a survey radius of at least 50 feet to support minor adjustments during construction. The Amador, Geneva, and Martin yards are fenced, and surrounding areas were not surveyed because adjustments would not be anticipated to exceed those boundaries, and surrounding areas for the potential Carter Street staging area were not accessible for surveys.

General biological reconnaissance surveys entailed conducting windshield surveys in developed areas, walking and meandering surveys in publicly accessible non-developed portions of the biological resources survey area, and surveying areas that appeared to support potential habitat for special-status species as identified in desktop-level reviews. The proposed Egbert Switching Station and the potential Carter Street, Martin Substation, and Amador Street staging areas were not accessible during the surveys, so visual surveys were conducted from the nearest publicly accessible viewpoints.

The following sections describe existing biotic communities and discuss sensitive habitats and special-status plant and wildlife species with potential to occur in the project area (defined here as the areas disturbed by project activities).

Results

The results from the reconnaissance-level surveys for the proposed Egbert Switching Station, transmission line routes, and potential staging areas are discussed in this section. All of the new 230 kV lines would be installed underground, and no overhead routes are proposed. Habitat, potential for special-status species, and presence of water features potentially jurisdictional under the CWA and CFGC are discussed for the proposed Egbert Switching Station, transmission line routes, and potential staging areas.

Suitable nesting habitat for migratory birds is found within the project area for the proposed Egbert Switching Station, transmission line routes, and staging areas; as a result, migratory birds will not be discussed individually for each project component. For further information on potential for special-status species, see Table 1, Special-Status Plant Species, and Table 2, Special-Status Wildlife Species.

Proposed Egbert Switching Station

The proposed Egbert Switching Station is located at 1755 Egbert Avenue. This site is located in a highly urbanized area, is currently used as a construction laydown and staging area, and is devoid of vegetation. It is bounded by railroad tracks to the east, residential development to the north, and industrial and commercial buildings to the west and south.

There is a low potential for American peregrine falcon (*Falco peregrinus anatum*) to forage in the vicinity of the switching station, transmission line routes, and staging areas discussed in this document. No suitable habitat for special-status species identified in the records search is found within this project area, and no suitable nesting habitat for peregrine was observed during reconnaissance surveys. This species has a similar potential to occur throughout the project area, this species will not be discussed individually for the proposed transmission line routes; rather, the discussion here applies for all areas.

There are no potentially jurisdictional areas under the CWA and CFGC within the site (Figure 2).

Proposed Egbert-Embarcadero Line

The existing HZ-1 line runs roughly south to north (from Martin Substation to Embarcadero Substation) approximately 0.3 mile to the west of the proposed Egbert Switching Station site. A new 230 kV line, the proposed Egbert-Embarcadero line, would be constructed within Egbert Avenue for approximately 0.3 mile to connect this switching station to the HZ-1 line heading toward Embarcadero Substation. The proposed route exits the switching station onto Egbert Avenue, and continues northwest along Egbert Avenue onto Bayshore Avenue.

The proposed route for this transmission line is within paved surfaces with no suitable habitat for special-status species, and there are no potentially jurisdictional areas under the CWA and CFGC that cross this route (Figure 2). As such, impacts to special-status species and jurisdictional areas are not expected. Areas surrounding this route are a mix of existing residential, commercial, and industrial uses.

The proposed civil and electrical interconnection between the new line and the HZ-1 line is located in an existing vault within Bayshore Avenue, before the intersection of Bayshore with Phelps Street. To support the HZ-1 bypass activities, an excavation (approximately 10 by 35 feet) will be located over the transmission line north of the vault on Bayshore Boulevard. From this work area, the HZ-1 line (to Embarcadero Substation) would be reused without additional construction activities on this length of line.

Proposed Jefferson-Egbert Line

The proposed Jefferson-Egbert line would be constructed between the proposed Egbert Switching Station and the existing Jefferson-Martin line, and would interconnect within Guadalupe Canyon Parkway approximately 300 feet west of Carter Street. The existing Jefferson-Martin line between this interconnection point and Martin Substation would be removed from service by capping the end of the transmission line at the new interconnection and by removing the line terminal equipment within Martin Substation. With the exception of several small areas discussed in the following paragraphs, the proposed route is entirely within paved surfaces.

Developed areas surround both sides of the majority of the route, with exceptions along Guadalupe Canyon Parkway and Carter Street adjacent to San Bruno Mountain, and along Visitacion Avenue and other connecting streets through McLaren Park.

On San Bruno Mountain and in McLaren Park, suitable habitat is found for several special-status plant species including Franciscan manzanita (*Arctostaphylos franciscana*), San Bruno Mountain manzanita (*A. imbricata*), Montara manzanita (*A. montaraensis*), Pacific manzanita (*A. pacifica*), fragrant fritillary (*Fritillaria liliacea*), seaside tarplant (*Hemizonia congesta* ssp. *congesta*), marsh microseris (*Microseris paludosa*), white-rayed pentachaeta (*Pentachaeta bellidiflora*), adobe sanicle (*Sanicula maritima*), and San Francisco campion (*Silene verecunda* ssp. *verecunda*). There is also designated critical habitat for Franciscan manzanita in McLaren Park (Figure 3). The portion of San Bruno Mountain in the vicinity of Carter Street and the work on Guadalupe Canyon Parkway has suitable habitat for a variety of rare plant species and butterfly species, including Bay checkerspot butterfly (*Euphydryas editha bayensis*), Mission blue butterfly (*Icaricia icarioides missionensis*), and callippe silverspot butterfly (*Speyeria callippe callippe*). Bay checkerspot butterfly was reintroduced onto San Bruno Mountain in 2017 (Creekside Science, 2017). However, these butterfly species are not expected to be present or occur within the work areas because all of these sites are on paved surfaces with regular traffic. There is a limited potential for American badger (*Taxidea taxus*) to occur on San Bruno Mountain. However, as all work in the vicinity of these locations is confined to paved surfaces with regular traffic, impacts to these species are not expected.

Multiple large trees in the vicinity of the route in McLaren Park and in the vicinity of San Bruno Mountain could be suitable roosting habitat for the foliage-roosting western red bat (*Lasiurus blossevillii*). Impacts to adjacent large trees are not expected and, because of the urbanized setting, there is only a low potential for this species to be present. This species will not be discussed further in this report because no trimming or removal of trees that are potentially suitable for this species is expected.

The bore pit on the western side of U.S. Highway 101 may encroach within the vegetated median in Mansell Street. This area is dominated by nonnative annual grasses and shrubs, as well as scattered blue gum eucalyptus (*Eucalyptus globulus*), acacia (*Acacia* sp.), coast live oak (*Quercus agrifolia*), and other landscape trees. The proposed route immediately south of the switching station site passes along the eastern edge of a parcel that contains several abandoned structures, several paved parking areas, and a ruderal field. These areas of the proposed route are highly disturbed and, with the exception of foraging habitat for American peregrine falcon, no suitable habitat for the special-status species identified in the records search is found in these areas.

No features that are potentially jurisdictional under the CWA or CFGC were identified within any of these routes (Figure 2). The biological resources survey area includes two drainage features, both riverine intermittent streambeds, and a wetland feature. One of the riverine intermittent streambeds is

located near the proposed interconnection point of the proposed Jefferson-Egbert line with the existing Jefferson-Martin line on Guadalupe Canyon Parkway. The western arm of this riverine intermittent streambed originates approximately 500 feet upslope of the interconnection, flows downslope passing under Guadalupe Canyon Parkway in a culvert, and upon daylighting, flows approximately 300 feet downslope where it connects with a concrete-lined ditch. The eastern arm of this feature originates at a point south of the intersection of Carter Street and Guadalupe Canyon Parkway, and flows downslope to the concrete-lined ditch. This feature will be avoided during work activities.

A second riverine intermittent streambed is located within the southern extent of Martin Substation, outside the fenced area where work would occur. The wetland feature, identified as a palustrine emergent persistent wetland, is located immediately north of this second riverine intermittent streambed, and is also outside of the fenced area where work would occur (Figure 2).

Proposed Martin-Egbert Line

To interconnect the existing Martin Substation with the proposed Egbert Switching Station, a new line will be constructed between the existing HZ-1 line and the switching station, and the existing HZ-1 line south to Martin Substation will be reused. As mentioned for the proposed Egbert-Embarcadero line, the HZ-1 line runs north from Martin Substation (to Embarcadero Substation) and passes approximately 0.3 mile west of the proposed Egbert Switching Station.

The proposed Martin-Egbert route follows a similar route as the proposed Egbert-Embarcadero line. This route exits north from the proposed Egbert Switching Station, and runs through Egbert Avenue to a location at the intersection of Bayshore Boulevard where the HZ-1 line is located. At this point, the existing civil infrastructure of the HZ-1 line (to Martin Substation) would be reused without additional construction activities on this length of line. Work in Bacon Street near its intersection with Brussels Street is expected to include work in an existing vault and an excavation (approximately 10 by 35 feet) about 20 feet west of the vault over the line in the street to support the HZ-1 line bypass activities.

With the exception of foraging habitat for American peregrine falcon, there is no suitable habitat for special-status species and no potentially jurisdictional areas under the CWA and CFGC that are expected to be impacted by construction of this route (Figure 2).

Potential Staging Areas

The potential staging areas at Martin Substation are within the fenced boundary of the substation, and the potential Cow Palace staging area is in a paved parking lot associated with the Cow Palace. These areas are heavily disturbed and are covered in gravel or paved, and have multiple buildings located within them.

The potential staging areas off of Amador Street are located in a heavy industrial area associated with the Port of San Francisco. The largest, southerly staging area (South Container Terminal) is within the Pier 94/96 area of the Port's South Container Terminal, and the northern, smaller one is referred to herein as the Amador Yard, an area used by PG&E and approved by the Port and CPUC for the previous Embarcadero-Potrero project. These areas are heavily disturbed and covered with gravel, and have only sparse vegetation. The Amador Yard is completely outside of the jurisdiction of the Bay Conservation and Development Commission (BCDC) but a portion of the edge of the southern yard is within the BCDC 100-foot shoreline band, however using this yard as a staging area would be keeping with its current use. At both potential yards, the surrounding areas to the east are associated with the San Francisco Bay, and areas to the north, west, and south are associated with industrial uses. Sparse vegetation is

scattered throughout these areas. This vegetation includes ripgut brome (*Bromus diandrus*), telegraph weed (*Heterotheca grandiflora*), mustard (*Brassica rapa*), fennel (*Foeniculum vulgare*), dove weed (*Croton setigerus)*, English plantain (*Plantago lanceolata*), and wild radish (*Raphanus raphanistrum*). Outside of the fenced boundary to the east of the potential Amador Yard is coastal scrub habitat that is dominated by annual grasses, coyote brush, acacia, and California coffeeberry. With the exception of American peregrine falcon, there is no suitable habitat for special-status species and no potentially jurisdictional areas under the CWA and CFGC that are expected to be impacted by the potential staging areas within Martin Substation, off Amador Street, and at the Cow Palace (Figure 2).

The potential Carter Street staging area was previously used as a drive-in movie theater, and it is no longer in operation. This area was covered in gravel and in use as a laydown and staging area at the time of the biological reconnaissance surveys. This potential staging area is bounded by parking lots to the north and east and by a vegetated area to the south and west. This vegetated area is dominated by blue gum eucalyptus and a blend of invasive scrub and coastal scrub species, and it ranges in width from 200 to 600 feet. On the far side of this vegetated area, paved roads, residential developments, and golf courses separate this area from the nearest native plant communities on San Bruno Mountain.

There is marginally suitable habitat for several special-status plant species in the degraded coastal scrub to the north and east. These plants include San Bruno Mountain manzanita, Montara manzanita, San Francisco lessingia, and compact cobwebby thistle. For additional plant species that have potential to occur, see Table 2. The potential Carter Street staging area is a mostly graveled area with ruderal vegetation, and was not accessible during biological surveys. No potentially jurisdictional areas under the CWA and CFGC are found at the potential Carter Street staging area (Figure 2).

Special-Status Plant Species

The list of special-status plant species identified by the records searches (including special-status plants reported to the CNDDB within 5 miles of the project area) is included in Table 1 and mapping of critical habitat is included in Figure 3. Prior to the reconnaissance-level field surveys, aerial imagery and the results from the database searches were studied to identify locations within the project area that might have substrates or habitats suitable for special-status plant species. There is no suitable habitat for special-status plant species within the proposed Egbert Switching Station, the proposed transmission line routes, or the potential Martin Substation, Cow Palace, and Amador Street staging areas. At the potential Carter Street staging area, there is marginally suitable habitat for several special-status species in the form of degraded coastal scrub (Table 1). However, these species are considered to be highly unlikely to occur given that the site was covered with gravel and in use as a laydown and staging area, and was historically used as a drive-in movie theater, resulting in a highly disturbed site with little potential for native vegetation or a native seed bank.

Special-status plant species were defined in accordance with the California Environmental Quality Act (CEQA) Guidelines, Section 15380, and the *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities* (California Department of Fish and Game, 2009), and include species that meet the following criteria:

- Are federally or State-listed, or are proposed for listing as rare, threatened, or endangered;
- Are a Special Plant as defined by the CNDDB; or
- Are listed by the CNPS in the online version of its *Inventory of Rare and Endangered Plants of California*; species designated as List 3 and 4 by the CNPS were not considered.

Table 1: Special-status Plant Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Blooming Period	Habitat Characteristics	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CNPS			
Allium peninsulare var. *franciscanum*	Franciscan onion	-	-	1B.2	May-June	Cismontane woodland, valley and foothill grassland. Clay soils; often on serpentine. Dry hillsides.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area in McLaren Park or on San Bruno Mountain.
Amsinckia lunaris	bent-flowered fiddleneck	-	-	1B.2	March-June	Cismontane woodland, valley and foothill grassland.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area in McLaren Park or on San Bruno Mountain.
Arctostaphylos franciscana	Franciscan Manzanita	E	-	1B.1	Feb-April	Serpentine outcrops in chaparral.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area in McLaren Park or on San Bruno Mountain. Critical habitat present within McLaren Park.
Arctostaphylos hookeri ssp. *ravenii*	Presidio manzanita	E	E	1B.1	Feb-March	Chaparral, coastal prairie, coastal scrub. Open, rocky serpentine slopes.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain. Only known to occur in the San Francisco Presidio.
Arctostaphylos imbricata	San Bruno Mountain manzanita	-	E	1B.1	Feb-May	Chaparral, coastal scrub. Mostly known from a few sandstone outcrops in chaparral.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Arctostaphylos montaraensis	Montara Manzanita	-	-	1B.2	Jan-March	Chaparral, coastal scrub. Slopes and ridges.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain.

Table 1: Special-status Plant Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Blooming Period	Habitat Characteristics	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CNPS			
Arctostaphylos pacifica	Pacific manzanita	-	E	1B.1	Feb-April	Coastal scrub.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area in McLaren Park or on San Bruno Mountain.
Arenaria paludicola	marsh sandwort	E	E	1B.1	May-August	Marshes and swamps.	**Absent:** No suitable habitat is found within the project area.
Astragalus tener var. *tener*	alkali milk-vetch	-	-	1B.2	March-June	Alkali playa, valley and foothill grassland, vernal pools. Low ground, alkali flats, and flooded lands. In annual grassland or in playas or vernal pools.	**Absent:** No suitable habitat is found within the project area.
Carex comosa	bristly sedge	-	-	2.1	May-Sept	Marshes and swamps. Lake margins, wet places.	**Absent:** No suitable habitat is found within the project area.
Carex praticola	Northern meadow sedge	-	-	2B.2	May-July	Meadows and seeps. Moist to wet meadows.	**Absent:** No suitable habitat is found within the project area.
Centromadia parryi ssp. *parryi*	pappose tarplant	-	-	1B.2	May-November	Coastal prairie, meadows and seeps, coastal salt marsh, valley and foothill grassland. Vernally mesic, often alkaline sites.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area in McLaren Park or on San Bruno Mountain.
Chloropyron maritimum ssp. *palustre*	Point Reyes bird's beak	-	-	1B.2	June-Oct	Coastal salt marsh. Usually in coastal salt marsh with *Salicornia*, *Distichlis*, *Jaumea*, *Spartina*, etc.	**Absent:** No suitable habitat is found within the project area.
Chorizanthe cuspidata var. *cuspidata*	San Francisco Bay spineflower	-	-	1B.2	April-July	Coastal bluff scrub, coastal dunes, coastal prairie, coastal scrub. Closely related to *C. pungens*. Sandy soil on terraces and slopes.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area on San Bruno Mountain.

Table 1: Special-status Plant Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Blooming Period	Habitat Characteristics	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CNPS			
Chorizanthe robusta var. *robusta*	robust spineflower	E	-	1B.1	April-Sept	Cismontane woodland, coastal dunes, coastal scrub. Sandy terraces and bluffs or in loose sand.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Cirsium andrewsii	Franciscan thistle	-	-	1B.2	March-July	Coastal bluff scrub, broadleaved upland forest, coastal scrub. Sometimes serpentine seeps.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Cirsium hydrophilum var. *vaseyi*	Mt. Tamalpais thistle	-	-	1B.2	May-Aug	Broadleafed upland forest, chaparral, meadows and seeps. Serpentine seeps and streams in chaparral and woodland.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Cirsium occidentale var. *compactum*	compact cobwebby thistle	-	-	1B.2	April-June	Chaparral, coastal dunes, coastal prairie, coastal scrub. On dunes and on clay in chaparral and grassland.	**Unlikely:** Low quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Cirsium rhothophilum	surf thistle	-	T	1B.2	April-June	Coastal dunes, coastal bluff scrub. Open areas in central dune scrub; usually in coastal dunes.	**Absent:** No suitable habitat is found within the project area.
Clarkia franciscana	Presidio clarkia	E	E	1B.1	May-July	Coastal scrub, valley and foothill grassland. Serpentine outcrops in grassland or scrub.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area.
Collinsia corymbosa	round-headed Chinese-houses	-	-	1B.2	April-June	Coastal dune habitats.	**Absent:** No suitable habitat is found within the project area.
Collinsia multicolor	San Francisco collinsia	-	-	1B.2	March-May	Closed-cone coniferous forest, coastal scrub. On decomposed shale (mudstone) mixed with humus.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain.

Table 1: Special-status Plant Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Blooming Period	Habitat Characteristics	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CNPS			
Fritillaria liliacea	fragrant fritillary	-	-	1B.2	Feb-April	Coastal scrub, valley and foothill grassland, coastal prairie. Often on serpentine; various soils reported though usually clay, in grassland.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Gilia capitata ssp. *chamissonis*	blue coast gilia	-	-	1B.1	April-July	Coastal dunes, coastal scrub.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Gilia millefoliata	dark-eyed gilia	-	-	1B.2	April-July	Coastal dunes.	**Absent:** No suitable habitat is found within the project area.
Helianthella castanea	Diablo helianthella	-	-	1B.2	March-June	Broadleaved upland forest, chaparral, cismontane woodland, coastal scrub, riparian woodland, valley and foothill grassland. Usually in chaparral/oak woodland interface in rocky azonal soils. Often in partial shade.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project are in McLaren Park and on San Bruno Mountain.
Hemizonia congesta ssp. *congesta*	seaside tarplant	-	-	1B.2	April-Nov	Coastal scrub, valley and foothill grassland. Grassy valleys and hills; often in fallow fields.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Hesperevax sparsiflora var. *brevifolia*	short-leaved evax	-	-	1B.2	March-June	Coastal bluff scrub, coastal dunes. Sandy bluffs and flats.	**Absent:** No suitable habitat is found within the project area.
Hesperolinon congestum	Marin western flax	T	T	1B.1	April-July	Chaparral, valley and foothill grassland. In serpentine barrens and in serpentine grassland and chaparral.	**Absent:** No suitable habitat is found within the project area.

Table 1: Special-status Plant Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Blooming Period	Habitat Characteristics	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CNPS			
Heteranthera dubia	water star-grass	-	-	2B.2	July-August	Marshes and swamps. Alkaline, still, or slow-moving water. Requires a pH of 7 or higher, usually in slightly eutrophic waters.	**Absent:** No suitable habitat is found within the project area.
Horkelia cuneata ssp. *sericea*	Kellogg's horkelia	-	-	1B.1	Feb-July	Closed-cone coniferous forest, coastal scrub, chaparral. Old dunes, coastal sandhills, openings.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area.
Horkelia marinensis	Point Reyes horkelia	-	-	1B.2	May-Sept	Coastal dunes, coastal scrub. Sandy flats and dunes near coast. In grassland or scrub plant communities.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area.
Layia carnosa	beach layia	E	E	1B.1	March-July	Coastal dunes. Highly reduced in range along California's north coast dunes.	**Absent:** No suitable habitat is found within the project area.
Leptosiphon rosaceus	rose leptosiphon	-	-	1B.1	April-July	Coastal bluff scrub.	**Absent:** No suitable habitat is found within the project area.
Lessingia germanorum	San Francisco lessingia	E	E	1B.1	July-Nov	Coastal scrub. Open sandy soils relatively free of competing plants.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area.
Malacothamnus arcuatus	arcuate bush-mallow	-	-	1B.2	April-Sept	Chaparral. Gravelly alluvium.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Microseris paludosa	marsh microseris	-	-	1B.2	April-June	Closed-cone coniferous forest, cismontane woodland, coastal scrub, valley and foothill grassland.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Low-quality habitat is present outside of the project area in McLaren Park and on San Bruno Mountain.

Table 1: Special-status Plant Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Blooming Period	Habitat Characteristics	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CNPS			
Monardella sinuata ssp. *nigrescens*	northern curly-leaved monardella	-	-	1B.2	March-July	Coastal dunes, coastal scrub, chaparral, lower montane coniferous forest. Sandy soils.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area on San Bruno Mountain.
Pentachaeta bellidiflora	white-rayed pentachaeta	E	E	1B.1	March-May	Valley and foothill grassland. Open dry rocky slopes and grassy areas. Often on soils derived from serpentine bedrock.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area in McLaren Park and on San Bruno Mountain.
Plagiobothrys chorisianus var. *chorisianus*	Choris' popcorn-flower	-	-	1B.2	March-June	Chaparral, coastal scrub, coastal prairie. Mesic sites.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area in McLaren Park and on San Bruno Mountain.
Plagiobothrys diffusus	San Francisco popcorn-flower	-	E	1B.1	March-June	Valley and foothill grassland, coastal prairie. Historically from grassy sites with marine influence.	**Absent:** No suitable habitat is found within the project area.
Polemonium carneum	Oregon polemonium	-	-	2B.2	April-Sept	Coastal prairie, coastal scrub, lower montane coniferous forest.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area.
Sanicula maritima	adobe sanicle	-	R	1B.1	Feb-May	Meadows and seeps, valley foothill grassland, coastal prairie. Moist clay or ultramafic soils.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area in McLaren Park and on San Bruno Mountain.
Silene verecunda ssp. *verecunda*	San Francisco campion	-	-	1B.2	March-June	Coastal scrub, valley and foothill grassland, coastal bluff scrub, chaparral, coastal prairie. Often on mudstone or shale. One site on serpentine.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area. Suitable habitat may be present outside of the project area in McLaren Park and on San Bruno Mountain.

Table 1: Special-status Plant Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Blooming Period	Habitat Characteristics	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CNPS			
Stebbinsoseris decipiens	Santa Cruz microseris	-	-	1B.1	April-May	Broadleafed upland forest, closed-cone coniferous forest, chaparral, coastal prairie, coastal scrub, valley and foothill grassland. Open areas in loose or disturbed soil, usually derived from sandstone, shale, or serpentine. On seaward slopes.	**Unlikely:** Low-quality habitat may be present within the potential Carter Street staging area.
Suaeda californica	California seablite	E	-	1B.1	July-Oct	Marshes and swamps. Margins of coastal salt marshes.	**Absent:** No suitable habitat is found within the project area.
Trifolium amoenum	two-fork clover	E	-	1B.1	April-June	Valley and foothill grasslands, coastal bluff scrub. Sometimes on serpentine soil, open sunny sites, swales. Most recently sited on roadside and eroding cliff face.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area in McLaren Park and on San Bruno Mountain.
Triphysaria floribunda	San Francisco owl's-clover	-	-	1B.2	April-June	Coastal prairie, valley and foothill grassland. On serpentine and non-serpentine substrate.	**Absent:** No suitable habitat is found within the project area. Suitable habitat may be present outside of the project area in McLaren Park and on San Bruno Mountain.
Triquetrella californica	coastal triquetrella	-	-	1B.2	Not applicable	A bryophyte that grows in coastal bluff scrub, coastal scrub valley and foothill grasslands. Grows within 30 meters from the coast in coastal scrub, grasslands and in open gravels on roadsides, hillsides, and rocky slopes.	**Absent:** No suitable habitat is found within the project area.

Table 1: Special-status Plant Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Blooming Period	Habitat Characteristics	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CNPS			

*Status:
Federal Designations:
(E) Federally Endangered, (T) Federally Threatened
State Designations:
(E) State Endangered, (T) State Threatened, (R) State Rare
CNPS California Rare Plant Rank:
(1A) Presumed extinct in California; (1B) Rare, threatened, or endangered in California and elsewhere; (2) Rare, threatened, or endangered in California, but more common elsewhere
Threat Rank:
•0.1 Seriously threatened in California (more than 80% of occurrences threatened / high degree and immediacy of threat)
•0.2 Fairly threatened in California (20 to 80% occurrences threatened / moderate degree and immediacy of threat)

Special-Status Wildlife Species

Special-status wildlife species were defined in accordance with the CEQA Guidelines, Section 15380, and included species that meet the following criteria:

- Listed, proposed for listing, or candidates for listing as threatened or endangered under the federal Endangered Species Act;
- Listed or candidates for listing as threatened or endangered under the California Endangered Species Act;
- Designated as Species of Special Concern by the CDFW; or
- Listed on the CDFW "Special Animals" list; or otherwise meet the definition of rare, threatened, or endangered as described in the CEQA Guidelines, Section 15380.

Special-status wildlife species identified in the records searches (including those reported to the CNDDB within 5 miles of the project area) along with their habitat are included in Table 2. Prior to the reconnaissance-level field survey, aerial imagery was studied to identify locations within the project area that might have habitats suitable for these species.

Because the proposed Egbert Switching Station and the potential Carter Street, Martin Substation, and Amador Street staging areas were not accessible during the reconnaissance-level field surveys, these areas and areas adjacent to the routes were evaluated using aerial imagery and views from publicly accessible areas. There is a low potential for several special-status wildlife species to occur along several of the transmission line routes.

The proposed Egbert Switching Station, all of the proposed transmission lines routes, and potential staging areas are located in areas that are suitable for nesting migratory birds. The Migratory Bird Treaty Act (16 U.S.C. §§ 703–711) and California Fish and Game Code Sections 3503, 3503.5, and 3513 protect all migratory birds and their nests.

Wildlife Potentially Occurring in the Project Area

The literature and database reviews identified 25 special-status wildlife species (Table 2). Based on the initial assessment of wildlife habitats conducted during the reconnaissance field survey, nine of these species were determined to have a low or moderate potential to occur in the project area. While not identified in the records search, there is potential for white-tailed kite (*Elanus leucurus*), a California Fully Protected species, to occur in the project area. A discussion of the species with a moderate potential to occur is included in the following paragraphs.

While the proposed Egbert Switching Station is highly disturbed, there is still potentially suitable nesting habitat for migratory birds. In addition, all of the proposed transmission line routes and potential staging areas have suitable nesting habitat for migratory birds in the vicinity. Nesting bird surveys will be conducted prior to work activities if they take place during the nesting bird season. If any bird nests are identified that may be impacted by construction activities, next steps will be coordinated with the PG&E biologist and these may include biological monitoring, visual screens, or temporarily halting work in the area until the nests have fledged.

Table 2: Special-status Wildlife Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Habitat	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CDFW		
Invertebrates						
Callophrys mossii bayensis	San Bruno elfin butterfly	E	-	-	Coastal, mountainous areas with grassy ground cover, mainly in the vicinity of San Bruno Mountain. Colonies are located on steep, north-facing slopes within the fog belt. Larval host plant is *Sedium spathulifolium*.	**Unlikely:** No suitable habitat is found within the project area. Occurs on San Bruno Mountain and may occasionally fly across Guadalupe Canyon Road, but surrounding habitat is low quality.
Euphydryas editha bayensis	Bay checkerspot butterfly	T	-	-	Native grasslands on outcrops of serpentine soil. *Plantago erecta* is the primary host plant; *Orthocarpus densiflorus* and *Orthocarpus purpurscens* are the secondary host plants.	**Unlikely**: No suitable habitat is found within the project area. Species reintroduced to San Bruno Mountain in 2017 and may occasionally fly across Guadalupe Canyon Road, but surrounding habitat is low quality
Icaricia icarioides missionensis	Mission Blue butterfly	E	-	-	Coastal scrub and grasslands; requires varied lupine, silver lupine, or summer lupine for larvae.	**Unlikely**: No suitable habitat is found within the project area. Occurs on San Bruno Mountain and may occasionally fly across Guadalupe Canyon Road, but surrounding habitat is low quality
Speyeria callippe callippe	Callippe silverspot butterfly	E	-	-	Restricted to the northern coastal scrub of the San Francisco Peninsula. Hostplant is *Viola pedunculata.* Most adults found on east-facing slopes; males congregate on hilltops in search of females.	**Unlikely**: No suitable habitat is found within the project area. Occurs on San Bruno Mountain. and may occasionally fly across Guadalupe Canyon Road, but surrounding habitat is low quality
Speyeria zerene myrtleae	Myrtle's silverspot butterfly	E	-	-	Restricted to the foggy, coastal dunes/hills of the Point Reyes Peninsula; extirpated from Coastal San Mateo County. Larval foodplant thought to be *Viola adunca*.	**Absent**: No suitable habitat is found within the project area. Considered extirpated south of the Golden Gate Bridge.

Table 2: Special-status Wildlife Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Habitat	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CDFW		
Fish						
Eucyclogobius newberryi	Tidewater goby	E	-	SSC	Brackish water habitats along the California coast from Agua Hedionda lagoon, San Diego County to the mouth of the Smith River. Found in shallow lagoons and lower stream reaches, they need fairly still but not stagnant water and high oxygen levels.	**Absent**: No suitable habitat is found within the project area.
Hypomesus transpacificus	Delta smelt	T	E	-	Sacramento-San Joaquin Delta. Seasonally in Suisun Bay, Carquinez Strait, and San Pablo Bay. Seldom found at salinities > 10 parts per thousand. Most often at salinities <2 parts per thousand.	**Absent**: No suitable habitat is found within the project area.
Mylopharodon conocephalus	hardhead	-	-	SSC	Low to mid-elevation streams in the Sacramento-San Joaquin drainage; also present in the Russian River.	**Absent**: No suitable habitat is found within the project area.
Oncorhynchus mykiss irideus	Steelhead - central California coast DPS	T	-	-	From Russian River, south to Soquel Creek and to, but not including, Pajaro River. Also San Francisco and San Pablo Bay basins.	**Absent**: No suitable habitat is found within the project area.
Spirinchus thaleichthys	Longfin smelt	C	T	-	Euryhaline, nektonic, and anadromous. Found in open waters of estuaries, mostly in middle or bottom of water column. Prefer salinities of 15 to 30 parts per thousand, but can be found in completely freshwater to almost pure seawater.	**Absent**: No suitable habitat is found within the project area.

Table 2: Special-status Wildlife Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Habitat	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CDFW		
Amphibians						
Rana draytonii	California red-legged frog	T	-	SSC	Lowlands and foothills in or near permanent sources of deep water with dense, shrubby, or emergent riparian vegetation. Requires 11 to 20 weeks of permanent water for larval development. Must have access to estivation habitat.	**Absent**: No suitable aquatic habitat is found within the project area. Species has not been observed on San Bruno Mountain in the 30 years of Habitat Conservation Plan monitoring surveys, and nearest potentially extant populations are associated with Lake Merced, Golden Gate Park, and wetlands in the vicinity of the San Francisco Airport.
Reptiles						
Emys marmorata	Western pond turtle	-	-	SSC	A thoroughly aquatic turtle of ponds, marshes, rivers, streams, and irrigation ditches, usually with aquatic vegetation. Need basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 kilometer from water for egg laying.	**Absent**: No suitable habitat is found within the project area.
Thamnophis sirtalis tetrataenia	San Francisco garter snake	E	E	CFP	Vicinity of freshwater marshes, ponds, and slow-moving streams in San Mateo County and extreme northern Santa Cruz County.	**Absent**: No suitable aquatic habitat is found within the project area. Species has not been observed on San Bruno Mountain in the 30 years of Habitat Conservation Plan monitoring surveys, and nearest potentially extant populations are associated with the wetlands in the vicinity of the San Francisco Airport.

Table 2: Special-status Wildlife Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Habitat	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CDFW		
Birds						
Elanus leucurus	White-tailed kite	-	-	CFP	Rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodlands. Open grasslands, meadows, or marshes for foraging close to isolated dense-topped trees for nesting and perching.	**Potential to occur:** Potentially suitable roosting and nesting sites present in McLaren Park and San Bruno Mountain.
Falco peregrinus anatum	American peregrine falcon	D	D	-	Near wetlands, lakes, rivers, or other water; on cliffs, banks, dunes, mounds; also, human-made structures. Nest consists of a scrape or a depression or ledge in an open site. Peregrine falcons build their nests in substrates on ledges of cliffs ranging from 8 to 400 meters in height, and almost always nest near water.	**Potential to occur:** Suitable roosting and nesting sites absent from the project area. May forage in the vicinity of the project.
Geothlypis trichas sinuosa	Saltmarsh common yellowthroat	-	-	SSC	Resident of the San Francisco Bay region, in fresh and saltwater marshes. Requires thick, continuous cover down to water surface for foraging; tall grasses, tule patches, and willows for nesting.	**Absent:** No suitable habitat is found within the project area.
Laterallus jamaicensis coturniculus	California black rail	-	T	CFP	Freshwater marshes, wet meadows, and shallow margins of saltwater marshes. Needs water depth of about 1 inch that does not fluctuate during the year and dense vegetation for nesting habitat.	**Absent:** No suitable habitat is found within the project area.
Melospiza melodia pusillula	Alameda song sparrow	-	-	SSC	Resident of salt marshes bordering south arm of San Francisco Bay. Inhabits *Salicornia* marshes; nests low in *Grindelia* bushes (high enough to escape high tides) and in *Salicornia*.	**Absent:** No suitable habitat is found within the project area.

Table 2: Special-status Wildlife Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Habitat	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CDFW		
Rallus obsoletus	Ridgway's rail	E	E	CFP	Saltwater and brackish marshes with tidal sloughs. Associated with abundant growths of pickleweed, but feeds away from cover on invertebrates from mud-bottomed sloughs.	**Absent:** No suitable habitat is found within the project area.
Riparia riparia	Bank swallow	-	T	-	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert. Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, or ocean to dig nesting hole.	**Absent:** No suitable habitat is found within the project area.
Sternula antillarum browni	California least tern	E	E	-	Nests along the coast from San Francisco Bay south to Northern Baja California. Colonial breeder on bare or sparsely vegetated, flat substrates: sand beaches, alkali flats, landfills, or paved areas.	**Absent:** No suitable habitat is found within the project area.
Mammals						
Corynorhinus townsendii	Townsend's big-eared bat	-	C	SSC	Throughout California in a wide variety of habitats. Most common in mesic sites. Roosts in the open, hanging from walls and ceilings. Roosting sites limiting. Extremely sensitive to human disturbance.	**Unlikely:** Suitable roosting habitat is absent because of the highly urban nature of the project area. May pass through project areas as an occasional forager.
Lasiurus blossevillii	Western red bat	-	-	SSC	Roosts primarily in trees, 2 to 40 feet above the ground, from sea level up through mixed conifer forests.	**Unlikely:** Potentially suitable, but low quality, roosting habitat occurs in eucalyptus trees and other large trees in McLaren Park and on San Bruno Mountain. May pass through project areas as an occasional forager.

Table 2: Special-status Wildlife Species Identified in the Records Searches

Scientific Name	Common Name	Status*			Habitat	Potential for Occurrence Based on Reconnaissance Survey
		Federal	State	CDFW		
Scapanus latimanus parvus	Alameda Island mole	-	-	SSC	Only known from Alameda Island. Found in a variety of habitats, especially annual and perennial grasslands. Prefers moist, friable soils. Avoids flooded soils.	**Absent:** No suitable habitat is found within the project area.
Taxidea taxus	American badger	-	-	SSC	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Needs sufficient food, friable soils, and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	**Potential to occur:** Known to occur on San Bruno Mountain, and may occasionally pass through the project area.

*Status:
Federal Designations:
(E) Federally Endangered, (T) Federally Threatened, (D) Federally Delisted
State Designations:
(E) State Endangered, (T) State Threatened, (C) Candidate, (D) State Delisted
CDFW Designations:
(SSC) Species of Special Concern, (CFP) Fully Protected Species

American Peregrine falcon

The habitat of the American peregrine falcon includes many terrestrial biomes, which may encompass urban and developed areas. Most often, breeding peregrine falcons utilize habitats containing cliffs, and they almost always nest near water (Wheeler, 2003; White et al., 2002). Peregrine falcons generally utilize open habitats for foraging, but are also known to forage and occur in densely populated areas. Many artificial habitats like towers, bridges, and buildings are also utilized by this species (White et al., 2002). Prey mainly consists of birds ranging from small passerines to mid-sized waterfowl; juveniles primarily feed on large flying insects (Wheeler, 2003).

Peregrine falcons are known to nest in San Francisco at various locations, including 77 Beale Street and the former Potrero Power Plant. There is a moderate potential for this species to occur in the vicinity because San Bruno Mountain may contain suitable nesting habitat for the species, and the project area is suitable foraging habitat for the species.

White-tailed kite

The white-tailed kite inhabits open lowland valleys and low, rolling foothills, but is also known to occur in urban areas. It forages in grasslands, marshes, riparian edges, and cultivated fields where prey species (mainly small mammals) are relatively abundant (Kaufman, 1996). Kites typically nest on the tops of trees in close proximity to good foraging locations. No CNDDB records of this species are found within 5 miles of the project area; however, white-tailed kites are known to occur in the San Francisco Bay region, and may occasionally pass through the project area. There is a moderate potential for this species to occur in the vicinity because of suitable foraging habitat within McLaren Park and on San Bruno Mountain, as well as low-quality nesting habitat in several large, dense-topped trees within 500 feet of the project area.

Townsend's big eared bat

Townsend's big-eared bat is found in all habitats except for subalpine and alpine habitats, and may be found at any season throughout its range. It is most abundant in mesic habitats and requires caves, mines, tunnels, buildings, or other human-made structures for roosting. This species may use separate sites for night, day, hibernation, or maternity roosts. This species is extremely sensitive to disturbance of roosting sites (Zeiner et al., 1990).

Within the project area are multiple abandoned buildings and other human-made structures that are potentially suitable roosting habitat for this species. However, in the developed portions of the project area, this species is not expected to roost because of the level of disturbance and density of humans. Areas with lower disturbance levels such as McLaren Park and San Bruno Mountain may provide suitable roosting habitat; however, this potential is low. This species may forage in the vicinity of the project area, but foraging is more likely in the vicinity of San Bruno Mountain.

Western red bat

The Western red bat is widely distributed throughout California and is known to occur in a variety of habitats, including forested canyons, riparian zones, urban areas, and arid areas where they primarily roost in trees (Reid, 2006). This non-colonial species roosts almost exclusively in foliage, under overhanging leaves. Western red bats have been observed to use nonnative trees for roosting, including eucalyptus (Johnston and Whitford, 2009).

There are several large stands of eucalyptus in the vicinity of the proposed Jefferson-Egbert line when adjacent to McLaren Park, the Cow Palace, and San Bruno Mountain, which are potentially suitable

roosting habitat. However, because of the highly urban areas in the vicinity of the project, there is a low potential for Western red bat to occur, although this species may occur and forage throughout the project area.

American badger

American badger is a stout-bodied, primarily solitary species that hunts for ground squirrels and other small mammal prey in open grassland, cropland, deserts, savanna, and shrubland communities. A badger will typically have a large home range and spend inactive periods in underground burrows. This species is most abundant in drier open stages of shrub, forest, and herbaceous habitats with friable soils, but is occasionally known to occur in more urban areas. The nearest documented record in the CNDDB is within Golden Gate Park approximately 5 miles to the northwest, but separated from the project by dense urban development. There is also potentially suitable habitat for this species on San Bruno Mountain, and American badger is listed as a species that is expected to occur in the San Bruno Mountain Habitat Conservation Plan (San Mateo County Parks Department, 2008). If this species occurs on San Bruno Mountain, individuals may forage in the vicinity of the project area, and may occasionally cross Carter Street and Guadalupe Canyon Parkway during foraging and dispersal movements.

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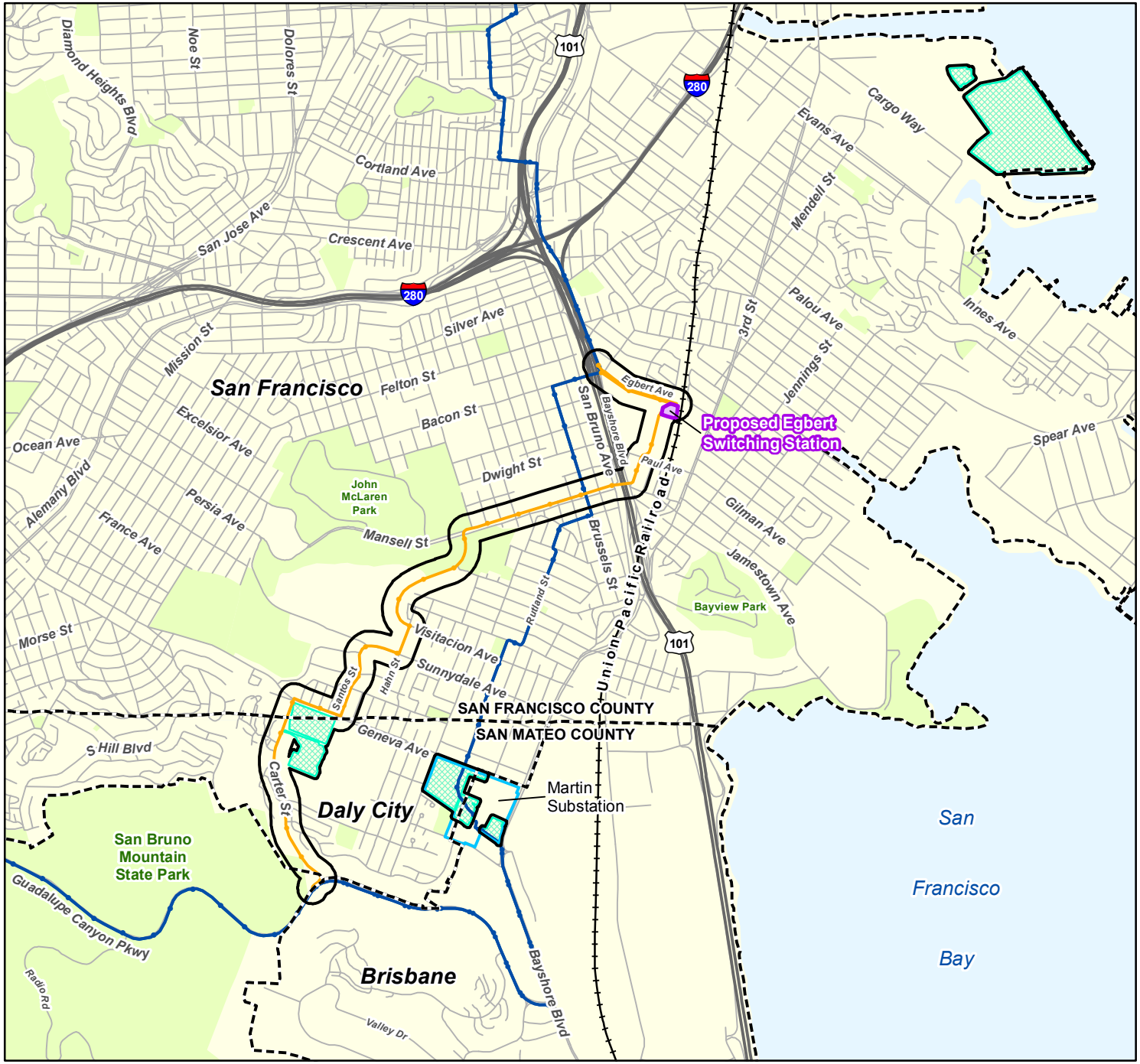
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Legend

- Proposed 230 kV Line
- Proposed Egbert Switching Station
- Martin Substation
- Potential Staging Area
- Biological Survey Area
- Existing 230 kV Line
- Incorporated City

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FIGURE 1
Biological Survey Area
Egbert Switching Station Project

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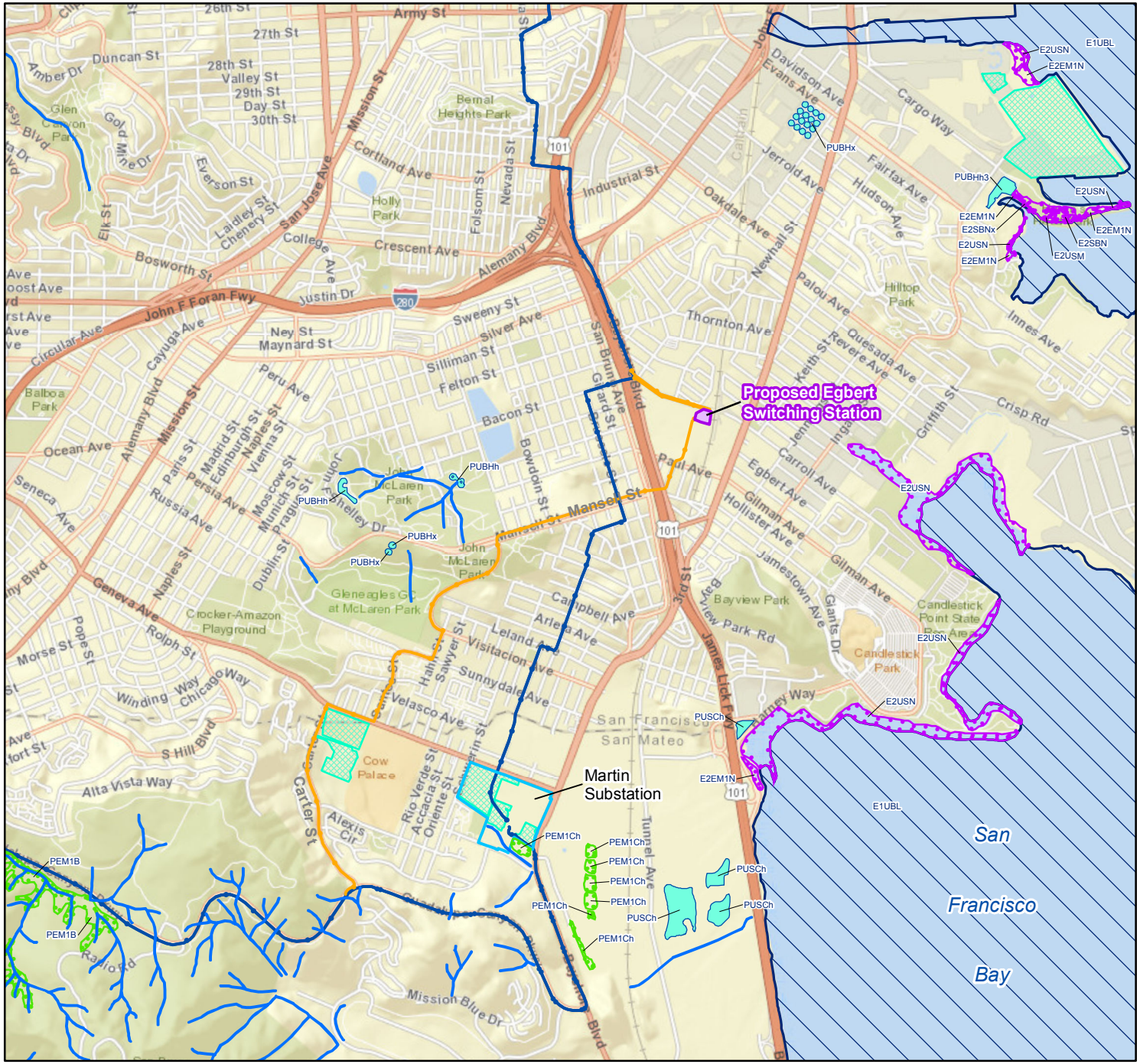
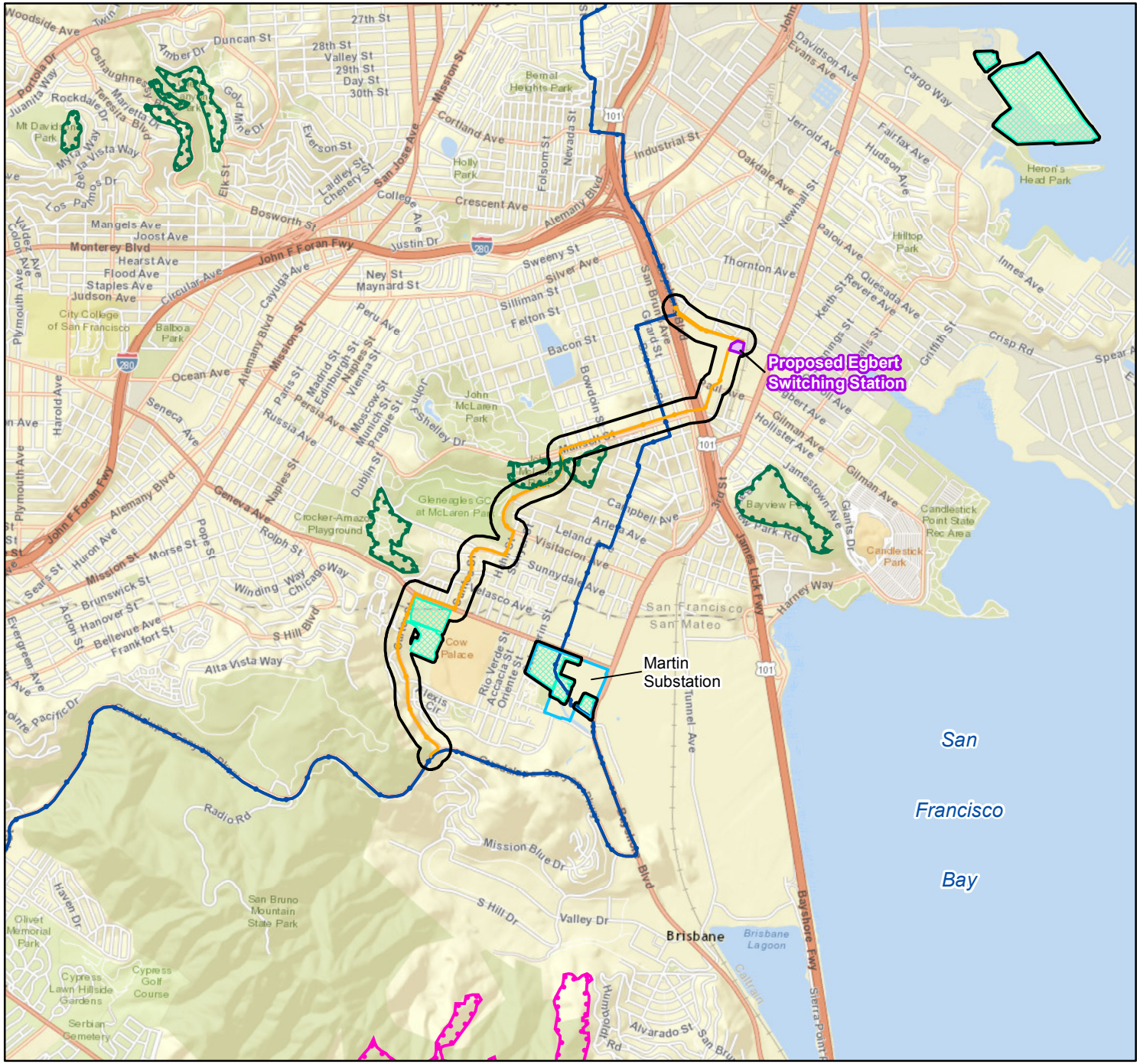


FIGURE 2
National Wetlands Inventory Mapping for the Project Area
Egbert Switching Station Project

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Legend

- Proposed 230 kV Line
- Proposed Egbert Switching Station
- Martin Substation
- Potential Staging Area
- Biological Survey Area
- Existing 230 kV Line

Critical Habitat

- Franciscan manzanita
- Bay checkerspot butterfly

Sources:
1) USFWS, Critical Habitat, March 2017
2) ESRI World Street Map

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FIGURE 3
Critical Habitats
Egbert Switching Station Project

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APPENDIX D.4-2

Bat Habitat Assessment

H. T. HARVEY & ASSOCIATES
Ecological Consultants

April 26, 2018

Nancy Hendrickson
Northgate Environmental Management, Inc.
428 13th Street, 4th Floor
Oakland, CA 94612

RE: PG&E Egbert Switching Station Project – Bat Habitat Assessment (HTH 4076-02)

Per your request, H. T. Harvey & Associates has conducted a reconnaissance-level survey of potential bat habitat within and adjacent to the Egbert Switching Station Project in San Francisco, Daly City and Brisbane, California. We understand that the project includes construction of the proposed Egbert-Embarcadero 230 kV Line, Martin-Egbert 230 kV Line, Egbert Switching Station, and Jefferson-Egbert 230 kV Line and that questions have arisen regarding the potential for project activities to result in impacts to roosting and/or foraging bats. We evaluated foraging and roosting habitat for bats throughout the project alignment. This letter report provides a description of potential bat habitat for each route or area where construction will occur and discusses potential impacts to bats, along with recommended measures to mitigate any potential impacts to bats possibly associated with this project.

Methods

On April 20, 2018, I conducted a reconnaissance-level survey of bat habitat for the proposed PG&E Egbert-Embarcadero 230 kV Line, Martin-Egbert 230 kV Line, Egbert Switching Station, and Jefferson-Egbert 230 kV Line. In addition to driving along the project alignment, I frequently got out of my vehicle to take images of potential habitat and made notes as to the likelihood of bats roosting and foraging within and adjacent to the project area.

Potential Bat Habitat in and along the Project Alignment.

The proposed Egbert-Embarcadero 230 kV Line and Martin-Egbert 230 kV Line, running from the underpass of Bacon Street under U.S. 101 and along Egbert Avenue to the edge of the railroad line, are lined by mostly industrialized land uses, with some residential land uses on the north side of the routes. The buildings along these routes appear to have little potential for use by roosting bats. The U.S. 101 underpass at Bacon Street has a flat concrete ceiling that does not provide the thermal qualities needed for a maternity colony of bats, and I do not expect any impacts to bats along these segments of the project alignment.

The proposed Egbert Switching Station site is currently occupied by an active lumber yard with degraded buildings (sheds) along the yard's perimeter. Because the Mexican free-tailed bat (*Tadarida brasiliensis mexicanus*)

is common and widespread in San Francisco (Krauel 2009)[1], and therefore is expected to commonly roost in buildings throughout San Francisco, this species could potentially roost in structures located within the designated Proposed Egbert Switching Station site.

The proposed Jefferson-Egbert 230 kV Line would proceed south of the aforementioned lumber yard through a parking lot of a datacenter and a parcel with two unoccupied buildings, across Paul Avenue, along Crane Street, across U.S. 101, and along Mansell Street, Visitacion Avenue, Hahn Street, Sunnydale Avenue, Santos Street, Geneva Street, and Carter Street before tying into the existing Jefferson-Martin 230 kV Line at Guadalupe Canyon Parkway. Some areas along this portion of the project alignment provide potential bat roosting habitat. An abandoned historic building with a tile roof, located at 400 Paul Avenue, is located approximately 60 feet to the northwest of the project alignment. Because the tiles on this style of roof have irregular spaces between them, the Mexican free-tailed bat frequently uses this roofing style for roosting. Farther south along the project alignment, Mansell Street includes a long running median strip with approximately 100+ trees, consisting primarily of various species of eucalyptus, pine, and cypress. None of these trees appeared to provide potential roosting habitat for the crevice-roosting bats of San Francisco, the Yuma myotis (*Myotis yumanensis*), little brown bat (*Myotis lucifugus*), and the Mexican free-tailed bats (Krauel 2009). Many of the eucalyptus trees of various species provide potential habitat for the western red bat (*Lasiurus blossevillii*), a species that over-winters in San Francisco (Constantine 1959)[2]. Large stands of various species of eucalyptus and cypress also occur along the other streets (e.g., Visitacion Avenue) associated with the project alignment. As at Mansell Street, I did not observe any trees along or adjacent to these roads that likely provide crevice roosting habitat for bats, although some of these trees provide potential roosting habitat for the western red bat.

Potential Impacts to Bat Roosting and Foraging Habitat

Many trees along the project alignment include potential roosting habitat for the foliage-roosting western red bat. However, this species does not raise young in San Francisco; rather, it over-winters primarily in wooded areas of San Francisco. Further, any western red bats potentially roosting in trees along this urbanized project alignment have had to habituate to high levels of disturbance, including high and low frequency noise and considerable nighttime lighting.

Existing structures located within the proposed Egbert Switching Station site will be removed, and these structures could potentially provide roosting habitat for San Francisco's crevice roosting bats (Yuma myotis, little brown bat, and Mexican free-tailed bat). Additionally, the historic building at 400 Paul Avenue with an open tile roof provides potential roosting habitat for these crevice roosting bats. The removal of any structure with roosting bats, or the use of strong light directed into the tiles of a roof with roosting bats, could disturb bat colonies. Because the 400 Paul Avenue building is located in close proximity to U.S. 101 and an active railroad line, and in an industrialized area of San Francisco, low and high frequency noises are expected at all hours of the day and night. Therefore, any potentially roosting bats are expected to be habituated to many kinds of noises, and any additionally generated noise as a result of the project is not expected to disturb roosting bats.

[1] Krauel, J. J. 2009. Foraging Ecology of Bats of San Francisco. M.A. Thesis. San Francisco State University.
[2] Constantine, D. 1959. Ecological Observations of Lasiurine Bats in the North Bay Area of California. Journal of Mammalogy. 40:13-15.

Although bats could occasionally forage along the project alignment, particularly along Mansell Street and Visitacion Avenue, the temporary loss of this potential foraging habitat during project construction would not result in substantial impacts to bats because bats will easily fly to other adjacent areas to forage without spending much extra energy to do so. The foraging habitat along the project alignment is of marginal quality when compared to nearby habitat in undeveloped areas with trees and meadows and therefore does not represent important bat foraging habitat.

Please feel free to contact me by email at djohnston@harveyecology.com or by phone at (408) 458-3226 if you have any questions regarding this survey. Thank you for contacting H.T. Harvey & Associates regarding this project.

Sincerely,



Dave Johnston, Ph.D.
Associate Ecologist and Bat Biologist

CONFIDENTIAL
APPENDIX D.5-1
Cultural Resources Report

APPENDIX D.7-1

Geologic Hazard and Feasibility Evaluation

GEOLOGIC HAZARD AND FEASIBILITY EVALUATION
PG&E Proposed Martin Bus Switching Station and Proposed Buried Transmission Lines San Francisco and Daly City, California

Prepared For:

Pacific Gas & Electric Company
77 Beale Street
San Francisco, California 94105

Prepared By:

Langan Engineering and Environmental Services, Inc.
555 Montgomery Street, Suite 1300
San Francisco, California 94111



Peter D. Brady, PE
Senior Staff Engineer



Scott A. Walker, GE
Senior Associate

LANGAN

30 June 2017
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GEOLOGIC HAZARD
AND FEASIBILITY EVALUATION
PG&E Proposed Martin Bus Switching Station
and Proposed Buried Transmission Lines
San Francisco and Daly City, California

1.0 INTRODUCTION

This report presents the results of the geologic hazard and feasibility evaluation performed by Langan Engineering and Environmental Services Inc., (Langan) in support of the proposed Martin Bus switching station and the proposed new buried transmission lines to the switching station in San Francisco and Daly City, California. The study areas includes the proposed Martin Bus switching station site and the proposed three segments of HPGF transmission cables as shown on Figure 1, Project Location Map, specifically:

- Egbert – HZ1 – Embarcadero 230 kV Line
- Egbert – HZ1 – Martin 230 kV Line
- Jefferson – Egbert (Option A and C) 230 kV Line
- Martin Bus Switching Station

2.0 SCOPE OF SERVICES

Our services were performed in accordance with our proposal dated 9 March 2017. The purpose of this desktop study is to evaluate the subsurface conditions along the proposed alignment for feasibility and constructability level assessment. The assessment of the subsurface conditions was performed by reviewing subsurface data from several projects in our files and obtaining additional information from reports in the cities of San Francisco and Daly City along the proposed project alignments. Furthermore, geologic hazards were assessed by reviewing available geologic maps and aerial photographs. Based on our review of the these documents we developed preliminary conclusions regarding the likely subsurface conditions along the proposed alignments, identified known geologic hazards, and the feasibility and

constructability of the planned alignments and switching station. The results of our evaluations and preliminary conclusions and recommendations are presented in the following sections of this report.

3.0 GEOLOGIC HAZARD EVALUATION

To perform our geologic hazard evaluation and to evaluate subsurface conditions at the proposed switching station and along the proposed alignments, we performed the followings:

- researched and reviewed available publications and reports regarding the geological and geotechnical conditions in the project vicinity
- reviewed available aerial photographs to document the site of development activities in the project area, including the identification of historic cut/fill areas
- evaluated geologic and seismic hazards such as fault rupture, earthquake-induced ground deformations, erosion, landsliding and subsidence

Specifically, we reviewed the documents listed below:

- Map titled "State of California Seismic Hazard Zones, City and County of San Francisco Official Map." prepared by the California Department of Conservation, Division of Mines and Geology, dated 17 November 2001.
- Bonilla, M.C. (1998), "Preliminary Geologic Map of the San Francisco South 7.5-Minute Quadrangle and part of the Hunters Point 7.5-Minute Quadrangle, San Francisco Bay Area, California."
- Treadwell & Rollo, A Langan Company (2013), "Geotechnical Report, 5800 Third Street, Senior Housing, San Francisco, California." Project No. 730419704, dated 6 September 2013.
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3.1 Regional Geology and Subsurface Conditions

The site is located in the northeast portion of the San Francisco peninsula, which lies within the Coast Ranges geomorphic province as shown on Figure 2, Geologic Map. The Coast Ranges are features by northwest-southeast trending valleys and ridges. These topographic features are controlled by folds and faults that developed as result of the Farallon and North American plates colliding and subsequent shearing along the San Andreas fault. San Francisco's topography is characterized by rugged hills formed by Jurassic- to Cretaceous-aged[1] bedrock. The rock consists of deformed and fractured sedimentary rocks of the Franciscan Complex. Mixed sandstone, shale, chert, greenstone, and sheared rock (mélange) with rare limestone, conglomerate, calc-silicate rock, schist and other metamorphic rocks comprise the assemblage.

[1] The Jurassic and Cretaceous periods spanned the time period from approximately 160 to 70 million years ago.

Along the alignment of the proposed transmission lines between San Francisco and Daly City, the geology varies from undifferentiated sedimentary deposits to Franciscan Complex bedrock. As delineated on Figure 2, regional geologic mapping indicates that the northern section of the alignment is underlain by sedimentary deposits. The sedimentary deposits include several feel of clayey fill over loose to medium dense sand with varying fines content and clay layers. The alignment in the southern section of the project area bends and passes through the edge of a band of Franciscan Complex bedrock (sandstone, shale, chert, and greenstone). In this area, the bedrock appears to be near the ground surface to 25 feet below the ground surface. Above the bedrock are intermittent layers of sand and clay.

Groundwater was encountered between the depths of 5 and 10 feet below the ground surface in the northern portion, and deeper to the south. The groundwater to the south is most likely at the interface between soil and bedrock.

3.2 Aerial Photo Review

As part of our geologic evaluation, we also performed aerial photo interpretation. We used standard stereographic photograph interpretation techniques to map geologic-related features and to develop a history of the site. The contact prints that we reviewed are included in the references. The aerial photos showed the location of the proposed Martin Bus switching station and portions of the southern section of the alignment. The photos indicate that the switch station location was unoccupied until at least 1946 when warehouse structures were observed on the property. Active landslide activity was observed on the northern slopes of Bayview Hill to the south of the switch station. Quarry activity along the lower slopes of Bayview Hill possibly began around 1948. This hill is however not within the project area.

Hummocky topography was observed on the hills to the southwest of the switch station location. The alignment passes along the east side of these hills, this area is mapped as a potential for debris flow occurrence. The aerial photos did not cover the area further south along the alignment but historical aerial photography is available on Google Earth. The 1938 imagery shows the location where the transmission line crosses The City College fault to be occupied by agricultural land. Evidence of surface rupture or active landsliding was not observed in the photos. The northern slopes of San Bruno Mountain appear hummocky and are likely inactive older landslide deposits.

TABLE 1

Aerial Photos

Date	Photo Number	Scale	Source
1935	AV-248-06-04, 05	1:16,500	Pacific Aerial Surveys
3/21/1938	AV-08-05-09, 10	1:20,000	Pacific Aerial Surveys
7/29/1946	Av-09-09-05, 06	1:23,600	Pacific Aerial Surveys
7/28/1948	Av-17-11-14, 15, 16	1:7,600	Pacific Aerial Surveys
4/3/1950	Av-30-03-15, 16	1:15,840	Pacific Aerial Surveys
4/23/1958	AV-279-09-14, 15, 16	1:7,200	Pacific Aerial Surveys
10/30/1969	AV-933-07-08, 09	1:12,000	Pacific Aerial Surveys
6/2/1977	AV-1356-07, 06, 07, 08	1:12,000	Pacific Aerial Surveys
6/6/1983	AV-2265-06-09, 10, 11	1:12,000	Pacific Aerial Surveys
5/4/1988	AV-3292-04-09, 10	1:20,400	Pacific Aerial Surveys
7/1/1991	AV-4075-07-10, 11	1:12,000	Pacific Aerial Surveys
8/27/1993	AV-4515-07-09, 10	1:12,000	Pacific Aerial Surveys
8/5/1997	AV-5434-07-08, 10	1:12,000	Pacific Aerial Surveys
8/15/2000	AV-6600-07-09, 10	1:12,000	Pacific Aerial Surveys
3/10/2005	KAV-9010-64-11, 12	1:10,000	Pacific Aerial Surveys

3.3 Regional Seismicity and Faulting

The major active faults in the area are the San Andreas, San Gregorio, Hayward, and Calaveras Faults. For each of the active faults within about 50 kilometers of the proposed Martin Bus switching station site, the distance from the switching station and estimated mean characteristic Moment magnitude[2] [2007 Working Group on California Earthquake Probabilities (WGCEP) (2008) and Cao et al. (2003)] are summarized in Table 2.

[2] Moment magnitude is an energy-based scale and provides a physically meaningful measure of the size of a faulting event. Moment magnitude is directly related to average slip and fault rupture area.

TABLE 2

Regional Faults and Seismicity

Fault Segment	Approx. Distance from the Martin Bus Switching Station fault (km)	Direction from the Martin Bus Switching Station	Mean Characteristic Moment Magnitude
N. San Andreas – Peninsula	9	West	7.23
N. San Andreas (1906 event)	9	West	8.05
San Gregorio Connected	17	West	7.50
N. San Andreas – North Coast	17	West	7.51
Total Hayward	20	Northeast	7.00
Total Hayward-Rodgers Creek	20	Northeast	7.33
Monte Vista-Shannon	35	Southeast	6.50
Total Calaveras	36	East	7.03
Mount Diablo Thrust	36	East	6.70
Rodgers Creek	40	North	7.07
Green Valley Connected	41	East	6.80
Point Reyes	45	West	6.90

Since 1800, four major earthquakes have been recorded on the San Andreas Fault. In 1836 an earthquake with an estimated maximum intensity of VII on the Modified Mercalli (MM) scale (Figure 4) occurred east of Monterey Bay on the San Andreas Fault (Toppozada and Borchardt 1998). The estimated Moment magnitude, $M_{w,}$ for this earthquake is about 6.25. In 1838, an earthquake occurred with an estimated intensity of about VIII-IX (MM), corresponding to a M_w of about 7.5. The San Francisco Earthquake of 1906 caused the most significant damage in the history of the Bay Area in terms of loss of lives and property damage. This earthquake created a surface rupture along the San Andreas Fault from Shelter Cove to San Juan Bautista approximately 470 kilometers in length. It had a maximum intensity of XI (MM), a M_w of about 7.9, and was felt 560 kilometers away in Oregon, Nevada, and Los Angeles. The Loma Prieta Earthquake occurred on 17 October 1989, in the Santa Cruz Mountains with a M_w of 6.9, approximately 89 km from the Martin Bus Switching Station.

In 1868 an earthquake with an estimated maximum intensity of X on the MM scale occurred on the southern segment (between San Leandro and Fremont) of the Hayward Fault. The estimated M_w for the earthquake is 7.0. In 1861, an earthquake of unknown magnitude (probably a M_w of about 6.5) was reported on the Calaveras Fault. The most recent significant earthquake on this fault was the 1984 Morgan Hill earthquake (M_w = 6.2).

The most recent earthquake to affect the Bay Area occurred on 24 August 2014 and was located on the West Napa fault, approximately 51 kilometers northeast of the switching station, with a M_w of 6.0.

The WGCEP at the U.S. Geologic Survey (USGS) predicted a 72 percent chance of a magnitude 6.7 or greater earthquake occurring in the San Francisco Bay Area in 30 years. More specific estimates of the probabilities for different faults in the Bay Area are presented in Table 3.

TABLE 3

WGCEP (2015) Estimates of 30-Year Probability (2014 to 2043) of a Magnitude 6.7 or Greater Earthquake

Fault	Probability (percent)
Hayward-Rodgers Creek	32
N. San Andreas	33
Calaveras	25
San Gregorio	6

The alignment is not within an Earthquake Fault Zone, as defined by the Alquist-Priolo Earthquake Zoning Act and it does not cross any known active faults, therefore the chance for ground rupture is low. The southern section of the alignment crosses The City College fault, which strikes approximately parallel to the San Andreas and Hayward faults (northwest-southeast) (Bonilla 1998). This fault zone forms a discontinuity between two bedrock assemblages within the Franciscan Complex; to the north there is a wide variety of rock types, including greywacke sandstone, shale, chert, greenstone, schist. To the south of the fault are

greywacke sandstone and shale, and less sheared than the rock units north of the fault. The fault trace is represented by a zone of sheared rocks and is exposed discontinuously for approximately 4.5 miles along strike. The shear zone expresses itself on the surface as blocks of resistant rock protruding from the soil.

The alignment crosses a zone of undifferentiated sediments before intersecting the City College fault (see Figure 3) and entering slope and ravine fill along the base of the northern slopes of San Bruno Mountain (Bonilla 1998). The dip and fault type are unknown, however, based on the similar strike and proximity to the San Andreas and Hayward faults, it is possible that the City College fault is also a strike-slip fault. Evidence of offset younger sediments and scarps has not been found within the fault zone and is considered inactive. Furthermore, of lack of evidence of offset, we do not anticipate any sympathetic movement along the fault during a seismic event along a nearby fault.

3.4 Seismic and Geologic Hazards

During a major earthquake on a segment of one of the nearby faults, strong to very strong shaking is expected to occur at the site.

Strong shaking during an earthquake can result in ground failure such as that associated with soil liquefaction[3], lateral spreading[4], and cyclic soil densification[5]. Each of these conditions has been evaluated based on our field investigation and analysis, and is discussed in this section.

3.4.1 Liquefaction

When a saturated, cohesionless soil liquefies during a major earthquake, it experiences a temporary loss of shear strength due to a transient rise in excess pore water pressure generated by strong ground motion. Flow failure, lateral spreading, differential settlement, loss of bearing strength, ground fissures, and sand boils are evidence of excess pore pressure generation and liquefaction.

---

3 Liquefaction is a transformation of soil from a solid to a liquefied state during which saturated soil temporarily loses strength resulting from the buildup of excess pore water pressure, especially during earthquake-induced cyclic loading. Soil susceptible to liquefaction includes loose to medium dense sand and gravel, low-plasticity silt, and some low-plasticity clay deposits.

4 Lateral spreading is a phenomenon in which surficial soil displaces along a shear zone that has formed within an underlying liquefied layer. The surficial soil is typically displaced in "blocks" that are transported downslope or in the direction of a free face by earthquake and gravitational forces.

5 Cyclic soil densification is a phenomenon in which non-saturated, cohesionless soil is densified by earthquake vibrations, resulting in ground surface settlement.

The proposed transmission line alignment passes within 100 feet of mapped liquefaction hazard zone as defined by the California Division of Mines and Geology (CDMG, November 2000) as shown on Figure 3. The alignment also passes through a relatively small area near Geneva Avenue, called out on Figure 3, which has been mapped as a liquefaction hazard zone. Based on our review of the existing subsurface data the northeast portion of the site has the potential to liquefy during a seismic event. Layers of loose to medium dense sand and silty sand were observed in the borings as shallow as approximately 4 feet below the ground surface to a depth of approximately 50 feet in the vicinity of the northeast portion of the alignment. We estimate approximately 1 to 4 inches of liquefaction-induced settlement may occur in this portion of the alignment. We note that these estimates are for level ground and do not consider the presence of structures in areas with potential for liquefaction. Presence of structures results in larger estimated liquefaction-induced settlements. Furthermore, we anticipate the settlement due to liquefaction will be erratic and differential settlement should be expected. In addition to the settlement, the shallow liquefaction may cause potential bearing issues to structures supported on shallow foundations above these layers. It should be noted that our review of available subsurface information indicates that the sandy layers near Geneva Avenue are dense and not liquefiable. However, because the alignment is close to a mapped liquefaction hazard zone, this area should be studied further. The liquefiable layers appear discontinuous and the site is relatively level; therefore, we judge the potential for lateral spreading is low.

3.4.2 Cyclic Densification

Cyclic densification, also referred to as differential compaction, can occur during strong ground shaking in loose, clean granular deposits above the water table, resulting in ground surface settlement. In general, the soil above the groundwater levels consists of clayey material and may not densify, however some sandy layers above the groundwater were encountered. These layers may settle an additional one inch during a large seismic event.

3.4.3 Landslides

The proposed transmission line alignment passes within 100 feet of three zones prone to earthquake-induced landslides (Figure 3) and through areas mapped as having potential to produce debris flows (Ellen et al. 1997) (Figure 3). The area most likely to experience debris flows is the southern portion of the alignment where it extends along the base of San Bruno Mountain. The material is mapped as slope and ravine fill (likely sourced from higher elevations on the mountain) and sandstone and shale bedrock of the Franciscan Complex.

3.4.4 Other Hazards

The project is not within a mapped tsunami inundation zone. Federal Emergency Management Agency (FEMA) flood zones are not established for San Francisco, however the southern portion of the alignment crosses into Brisbane (San Mateo County) and the alignment is not within a FEMA mapped flood zone (FEMA, 2012).

4.0 PRELIMINARY FOUNDATION CONCLUSIONS AND RECOMMENDATION

Based on the results of our review and evaluation of the subsurface conditions, we conclude that the area for the proposed Martin Bus Switching Station is underlain by potentially liquefiable material and could settle up to several inches during a major seismic event. Furthermore, the shallow potentially liquefiable is not suitable for foundation support. Therefore, we preliminarily recommend that at-grade structures be supported on a mat foundations over improved soil or deep foundations which penetrate through the unsuitable material to the competent material below the potentially liquefiable soil layers. Some options for ground improvement could include soil-cement-columns or drilled displacement columns. Deep foundations include drilled piers or auger-cast-piles. A site-specific geotechnical investigation should be performed to develop conclusions and recommendation for final design of the switching station.

The soil along the alignment area of Geneva Avenue has been identified to have the potential for liquefaction, which could result in vertical settlement of the ground surface and potentially lateral movement. Based on our review of currently available data, we believe the potential for the soil to move laterally is low; however, this should be further evaluated during the final design investigation for the project. For the duct bank design, several options which could be employed to reduce the adverse effects of the potentially liquefiable soil. The acceptable performance of each option would depend on the magnitude of the anticipated vertical or lateral movement as well as the tolerable differential deformation that the duct bank and buried cables can accommodate. It is likely that a reinforced duct bank may be able to withstand the effects of liquefaction-induced ground deformation. However, if deemed necessary, the reinforced duct bank could also be supported on deep foundations or on improved ground.

5.0 FUTURE INVESTIGATIONS

Based on the data we gathered and our preliminary analysis, we recommend that site-specific investigation be performed in the northeast portion of the project area where potentially liquefiable materials have been identified. The results of this investigation will form the basis of final design for the proposed switching station and along the alignment. We also recommend performing further investigations near Geneva Avenue to confirm the presence of potentially liquefiable material and its impact on the proposed line.

6.0 LIMITATIONS

The conclusions and recommendations presented in this report are preliminary result from limited engineering studies and are based on our interpretation of the geotechnical conditions existing at the proposed project area. Additional investigations should be performed for final geotechnical and foundation design.

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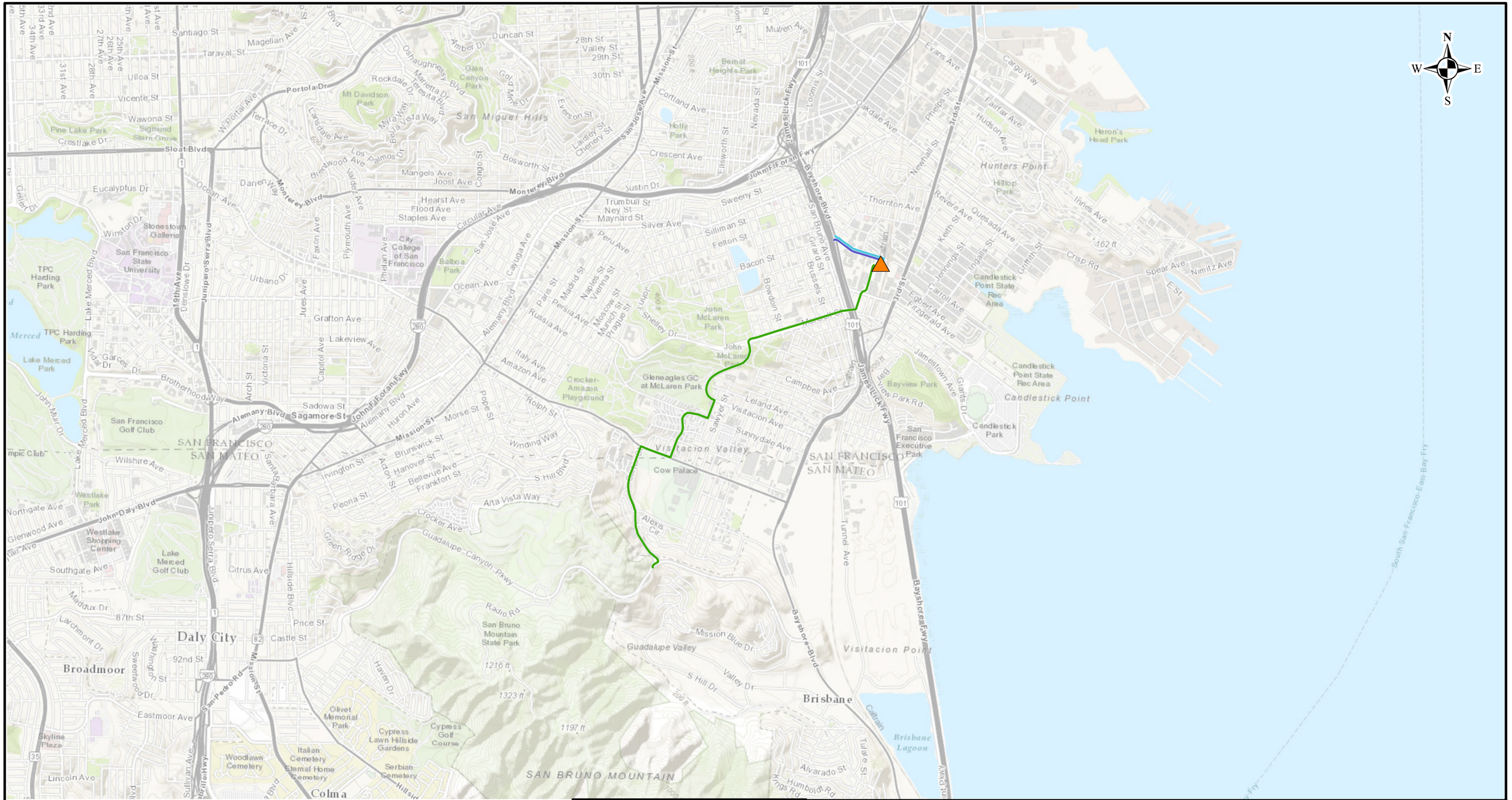
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FIGURES



Legend

- Proposed Martin Bus Switching Station
- Proposed Egbert - HZ1- Embarcadero 230 kV Line
- Proposed Egbert - HZ1- Martin 230 kV Line
- Proposed Jefferson - Egbert 230 kV Line- Option A

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References:
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Project
PG&E PROPOSED MARTIN BUS SWITCHING STATION AND PROPOSED BURIED TRANSMISSION LINES
SAN FRANCISCO AND DALY CITY
SAN FRANCISCO AND SAN MATEO COUNTIES CALIFORNIA

Drawing Title
PROJECT LOCATION MAP

Project No.	750604416
Date	9/26/2017
Scale	1 " = 3,000 '
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Figure	1

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Northern Section

Southern Section

Legend

- Proposed Martin Bus Switching Station
- Proposed Egbert - HZ1- Embarcadero 230 kV Line
- Proposed Egbert - HZ1- Martin 230 kV Line
- Proposed Jefferson - Egbert 230 kV Line- Option A

Geologic Unit Name

- KJc - Chert
- KJg - Greenstone
- KJm - Metamorphic Rocks
- KJs - Sandstone and Shale
- KJu - Sheared Rocks
- Qaf - Artificial Fill
- Qc - Colma Formation
- Qd - Dune Sand
- Qsr - Slope Debris and Ravine Fill
- Qu - Sedimentary Deposits, Undifferentiated
- Water

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Project
PG&E PROPOSED MARTIN BUS SWITCHING STATION AND PROPOSED BURIED TRANSMISSION LINES
SAN FRANCISCO AND DALY CITY

SAN FRANCISCO AND SAN MATEO COUNTIES CALIFORNIA

Drawing Title
GEOLOGIC MAP

Project No.	750604416
Date	9/26/2017
Scale	1 " = 1,500 '
Drawn By	BJS
Figure	2

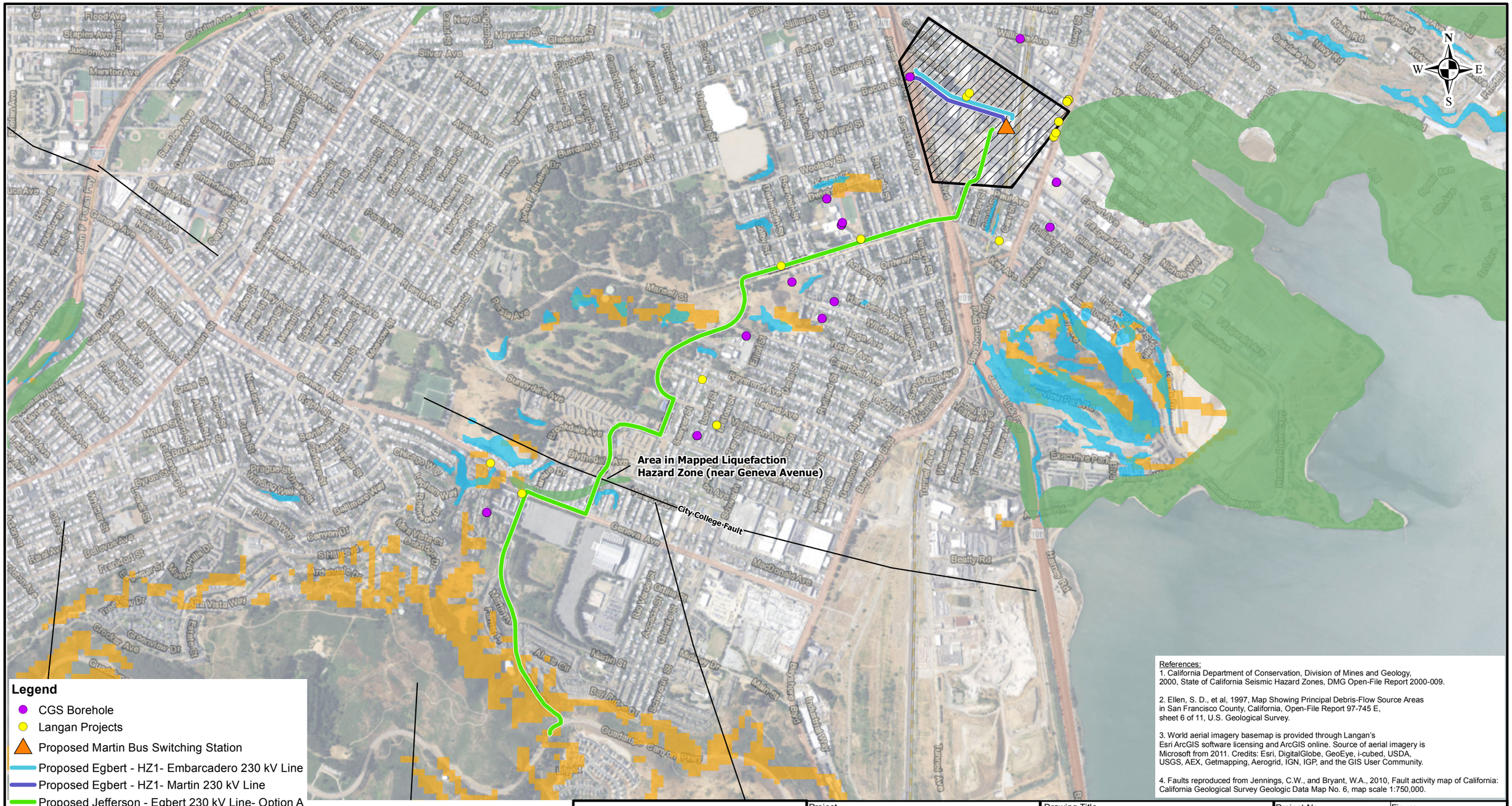
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2. World aerial imagery basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Source of aerial imagery is Microsoft from 2011. Credits: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community.

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3. World aerial imagery basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Source of aerial imagery is Microsoft from 2011. Credits: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community.

4. Faults reproduced from Jennings, C.W., and Bryant, W.A., 2010, Fault activity map of California: California Geological Survey Geologic Data Map No. 6, map scale 1:750,000.

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PG&E PROPOSED MARTIN BUS SWITCHING STATION AND PROPOSED BURIED TRANSMISSION LINES
SAN FRANCISCO AND DALY CITY
SAN FRANCISCO AND SAN MATEO COUNTIES CALIFORNIA

Drawing Title
SEISMIC HAZARDS

Project No.	750604416
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Drawn By	BJS

Figure 3

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Ramin Golesorkhi, PhD, GE
Principal/Vice President

LANGAN

APPENDIX D.7-2

Paleontological Inventory Report

Pacific Gas and Electric Company
Egbert Switching Station Project



Final Paleontological Inventory Report

Updated November 2017

Prepared for
Pacific Gas & Electric Company

Prepared by
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Acronyms and Abbreviations

bgs	below ground surface
BLM	Bureau of Land Management
CEQA	California Environmental Quality Act
HZ-1	Embarcadero-Martin 230 kV transmission line No. 1
kV	kilovolt
LORS	laws, ordinances, regulations, and standards
PIR	Paleontological Inventory Report
PFYCS	Potential Fossil Yield Classification System
project	Egbert Switching Station Project
SVP	Society for Vertebrate Paleontology
UCMP	University of California at Berkeley Museum of Paleontology

Chapter 1 Summary of Findings

This Paleontological Inventory Report (PIR) was completed by senior paleontological resources specialist Dr. MariaElena Conversa of CH2M to assist PG&E in complying with laws, ordinances, regulations, and standards (LORS) pertaining to paleontological resources for the Egbert Switching Station Project (project) in San Francisco and San Mateo counties, California. This project includes construction of a new switching station on approximately 1.7 acres and underground transmission lines for approximately 4 miles, typically within city streets.

This report summarizes the methods and results of a paleontological inventory report. The paleontological sensitivity of geologic units exposed at or near the ground surface within the project study area was identified by reviewing scientific literature, querying online databases, and reviewing maps, imagery, and data providing context of the project and vicinity. Potential impacts to paleontological resources by project construction were analyzed, and portions of the project are determined to have a paleontological resource potential (i.e., sensitivity) ranging from very low to moderate (the Bureau of Land Management [BLM] Potential Fossil Yield Classification System [PFYC] Classes 1–3a), and the likelihood of impacting scientifically significant vertebrate fossils during project construction is low.

Chapter 2 Introduction

2.1 Project Location and Description

The project is located on the eastern side of the San Francisco Peninsula, and crosses the southeastern part of San Francisco, the eastern side of Daly City, and the northern part of the city of Brisbane (see Figures 1a and 1b). The three main components are to (1) construct the proposed Egbert Switching Station, (2) extend the existing underground Jefferson-Martin 230 kilovolt (kV) transmission line to the proposed Egbert Switching Station, and (3) loop the existing underground Martin-Embarcadero 230 kV transmission line No. 1 (HZ-1) through the proposed Egbert Switching Station, creating the proposed Egbert-Embarcadero 230 kV line and the proposed Martin-Egbert 230 kV line. The aspects of the project that involve earthmoving activities and have the potential to affect paleontological resources are as follows:

- The proposed Egbert Switching Station is a new 1.7-acre, 230 kV switching station that will be constructed at 1755 Egbert Avenue, San Francisco. The depth of excavation for construction of the facility is up to 2 feet below ground surface (bgs) across the site. In addition, multiple piles will be driven to support perimeter walls and other structures. Approximately 25 piles will be driven up to 20 feet bgs, and approximately 60 more piles will be driven up to 15 feet bgs.

- The project would re-route transmission lines by installing approximately 4 miles of new underground transmission line. Installation will require open trenching up to 10 feet bgs. Approximately 420 feet of transmission line is expected to be installed under United States Highway 101 (U.S. Highway 101) by auger bore. The re-route of the existing underground 230 kV transmission lines will include the following:

    - Installing two new line segments (the proposed Egbert-Embarcadero and Martin-Egbert lines) between Egbert Switching Station and the HZ-1 line near the intersection of Bayshore Boulevard and Bacon Street (see Figure 1a). One new line will be spliced into the HZ-1 line north of the intersection in Bayshore Boulevard to create the proposed Egbert-Embarcadero line (0.3 mile of new 230 kV line). The other line will be spliced into the HZ-1 line on the western side of the Bacon Street and Bayshore Boulevard intersection to create the proposed Martin-Egbert line (0.5 mile of new 230 kV line). The electrical interconnection will occur at existing vaults; line remnant that is bypassed will be removed from service. The project will also require the excavation of two freeze pits.

  - Re-routing the existing Jefferson-Martin transmission line from Martin Substation and to the proposed Egbert Switching Station, creating the proposed Jefferson-Egbert 230 kV line. The length of proposed underground transmission line construction would be approximately 3.2 miles, as shown on Figures 1a and 1b.

- Construction will require equipment staging areas as well as work areas within the existing Martin Substation, the proposed Egbert Switching Station, and along the transmission line routes. The potential staging areas currently identified are paved or graveled and no subsurface disturbance is expected for these locations; therefore; there is no potential for impact to paleontological resources and because they are potential locations, they are not included on the PIR figures.

2.2 Purpose of Investigation

The objective of this PIR is to assess the paleontological sensitivity of the sediment that would be affected by ground-disturbing activities associated with the project and to determine what effects may occur from construction and operation of the project.

Chapter 3 Regulatory Setting

This chapter summarizes the state and local LORS that apply to paleontological resources in the project vicinity.

3.1 State LORS

3.1.1 California Environmental Quality Act

CEQA encourages the protection of all aspects of the environment by requiring state and local agencies to prepare multidisciplinary analyses of the environmental impacts of a proposed project, and to make decisions based on the findings of those analyses.

CEQA includes in its definition of historical resources, "any object [or] site …that has yielded or may be likely to yield information important in prehistory" (California Code of Regulations, Title 14, § 15064.5[3]), which is typically interpreted as including fossil materials and other paleontological resources. More specifically, destruction of a "unique paleontological resource or site or unique geologic feature constitutes a significant impact under CEQA" (State CEQA Guidelines Appendix G). CEQA does not provide an explicit definition of a "unique paleontological resource," but a definition is implied by comparable language within the act relating to archeological resources: "The procedures, types of activities, persons, and public agencies required to comply with CEQA are defined in: Guidelines for the Implementation of CEQA, as amended March 29, 1999" (California Code of Regulations, Title 14, § 15000 et seq[3]). One of the questions listed in the CEQA Environmental Checklist (Section 15023, Appendix G, Section XIV, Part A) is, "Will the proposed project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?"

Treatment of paleontological resources under CEQA is generally conducted according to guidance from the Society for Vertebrate Paleontology (SVP) or other agencies (e.g., BLM and U.S. Forest Service), and typically includes identification, assessment, and development of mitigation measures for potential impacts to significant or unique resources.

3.1.2 California Public Resources Code

The State of California Public Resources Code (Chapter 1.7), Sections 5097.5 and 30244, includes additional state level requirements for the assessment and management of paleontological resources. These statutes require reasonable

mitigation of adverse impacts to paleontological resources resulting from development on state lands, define the removal of paleontological sites or features from state lands as a misdemeanor, and prohibit the removal of any paleontological site or feature from state land without permission of the applicable jurisdictional agency. Section 30244 requires reasonable mitigation for impacts on paleontological resources that occur as a result of development on public lands. Further, the California Penal Code Section 622.5 sets the penalties for damage or removal of paleontological resources.

Appendix G (part V) of the CEQA Guidelines provides guidance relative to significant impacts on paleontological resources, which states that a project will normally result in a significant impact on the environment if it will disrupt or adversely affect a paleontological resource or site or unique geologic feature, except as part of a scientific study.

3.2 Local Regulations

City and county general plans may include objectives, policies, and actions for the identification and protection of paleontological resources. However, because the California Public Utilities Commission has exclusive jurisdiction over utility project siting, design, and construction, PG&E is not subject to local discretionary regulations. A description of regulations that designates local paleontological resources may be provided for informational purposes and to assist with CEQA review where applicable.

The San Francisco General Plan (1996), Daly City General Plan (2013), and City of Brisbane General Plan (1994) were reviewed. None of the general plans contains requirements, goals, or objectives related to paleontological resources.

Chapter 4 Methods

4.1 Professional Standards

SVP is a scientific organization of professional paleontologists that has established standard guidelines (1996, 2010) for professional practices regarding paleontological resource assessments and surveys; monitoring and mitigation; data and fossil recovery; sampling procedures, specimen preparation, identification, and analysis; and museum curation. These guidelines were developed at an institutional level that is dedicated to scholarship and education rather than resource management. Nevertheless, professional paleontologists generally rely on SVP guidance when complying with federal and state regulations. PG&E assumes that professional paleontologists will follow SVP guidance where applicable; however, in the event of conflicts, the guidelines herein shall supersede SVP protocols on PG&E projects.

4.2 Literature Review and Records Search

The analysis for this PIR was performed by reviewing scientific literature and querying online databases including the University of California at Berkeley Museum of Paleontology (UCMP, 2017) to identify previous paleontological finds in the project vicinity. In addition, geological maps, 7.5-minute U.S. Geological Survey topographic maps, Google Earth imagery, and digital elevation data were reviewed to determine the physiographic and geologic context of the project site and vicinity.

4.3 Key Personnel

This investigation was conducted by MariaElena Conserva, Ph.D. Her resume is provided as Appendix A.

Chapter 5 Results

5.1 Setting

The project is located on the eastern side of the San Francisco Peninsula, and crosses the boundaries of the cities of San Francisco (San Francisco County), Daly City, and Brisbane (San Mateo County) (see Figures 1a and 1b). Land use in the project vicinity is mostly urbanized. The project is within industrial and commercial zones as well as residential zones. The proposed Jefferson-Egbert line crosses some open space areas near San Bruno Mountain and McLaren Park.

The San Francisco Peninsula is part of the Coast Ranges Physiographic Province, and consists of north-northwest-oriented ridges (Fenneman, 1931). The Great Valley Physiographic Province is to the east, and the Pacific Ocean is to the west. The project is located in close proximity to the San Francisco Bay, which fills a north-northwest-trending structural trough in the central Coast Ranges between the San Andreas Fault to the southwest and the Hayward Fault to the northeast. Much of the modern-day Bay shoreline, including portions of the study area, was created by filling the Bay to "reclaim" this area. The practice of creating land by placing artificial fill on the gently sloping tidal flats along the eastern margin of the San Francisco Peninsula began about the time of the Gold Rush. The proposed switching station site and proposed transmission lines on Egbert Avenue are to the west of the known extent of artificial fill in an area of Pleistocene sediments with a low, flat topography.

In general, the topography of the San Francisco Peninsula consists of bedrock hills surrounding narrow valleys filled with unconsolidated deposits. Accordingly, the proposed Jefferson-Egbert line crosses land that is alternately hilly and flat. The southern end begins on Guadalupe Canyon Parkway, which is along the Guadalupe Hills area of San Bruno Mountain. The line generally descends toward McLaren Park before rising to a high point along Mansell Street. Moving eastward, the line descends to the switching station.

The Franciscan Complex makes up the bedrock in the proposed Jefferson-Egbert route, and is exposed at higher elevation sites such as along Mansell Street and McLaren Park in the middle of the study area and San Bruno Mountain on the southern end (Bonilla, 1998; Brabb et al., 1998). Lower-lying portions of the study area are covered with Holocene and Pleistocene epoch sediment. The Holocene and Pleistocene sediment lies unconformably on Franciscan Complex bedrock. Between

the Pleistocene sediments and the Franciscan Complex, there are about 60 to 64 million years represented by no sediments whatsoever. San Francisco Peninsula has alternated between being submerged beneath the Bay and being dry land in response to glacially controlled fluctuations of sea level and perhaps tectonic uplift. This region may have been a topographic high where erosion rather than sedimentation prevailed. The beginning of tectonic downwarping of the San Francisco Bay trough during the early Pleistocene would account for the initiation of sedimentation.

5.2 Geologic Units within Study Area

A study area within 0.25 mile of the project components was established to capture the project and surrounding areas. An inventory of the geologic units (Bonilla, 1998) within the study area is presented below and in Figures 1a and 1b. Rocks and sediments in the vicinity of the project can be divided into three age groups, and are presented chronologically from youngest to oldest.

5.2.1 Holocene (10,000 years ago to Present)

Low-lying portions in the study area that are covered by the most recent sediment, including artificial fill, are included in this category. This sediment is considered to be less than 10,000 years old, which is less than the minimum age widely considered as fossil-bearing rock (PG&E, 2014), and consists of the following:

- **Artificial Fill (Qaf and Qaf/tf):** material imported from other areas and placed by humans. As discussed above, the eastern shoreline of the San Francisco Peninsula has been pushed eastward in many locations, including a portion of the study area, by using fill to create more land. The fill may include clay, silt, sand, rock fragments, organic matter, and human-made debris. In the area marked Qaf/tf, the fill was placed on tidal flats. Areas marked Qafs designate Native American shell mounds.

- **Dune Sand (Qd):** mostly loose, well-sorted, fine-grained sand. The sand is mostly gray in color but is orange to reddish brown in some places. Lower depths extend into the Pleistocene.

- **Landslide Deposits (Ql):** sediment deposited in this location as the result of landslides. The composition and structure of the sediment depends on that of the geologic unit involved in the landslide.

5.2.2 Pleistocene (2.4 million to 10,000 years ago)

The majority of the project footprint lies on older sediment determined to be from the Pleistocene epoch that includes the time period from 2.4 million years ago to 10,000 years ago (Bonilla, 1998), as follows:

- **Sedimentary Deposits (Qu):** sediments mapped as undifferentiated sedimentary deposits of Pleistocene age (Bonilla, 1998).

- **Slope Debris and Ravine Fill (Qsr):** stony silty-to-sandy clay, or locally silty to clayey sand or gravel. These deposits are yellowish-orange to medium gray, and are unstratified or poorly stratified.

5.2.3 Jurassic and Cretaceous (200 million to 65 million years ago)

The oldest geologic units in the study area, Cretaceous and Jurassic rocks associated with the Franciscan Complex, are from 200 million to 65 million years in age. These geologic units probably originated as oceanic crust and pelagic deposits overlain by Late Jurassic to Late Cretaceous turbidites (Brabb et al., 1998). They are generally considered low-grade metamorphic rocks, and contain high-pressure, low-temperature metamorphic minerals. The Franciscan Complex in the study area consists of the following geologic units:

- **Sandstone and Shale 1 (KJs):** interbedded sandstone and shale that is hard where freshly exposed or intact, and is soft where weathered or sheared. These rocks are commonly medium dark gray where freshly exposed, olive gray to yellowish brown where moderately weathered, and yellowish orange to yellowish gray where highly weathered.

- **Sandstone and Shale 2 (KJsk):** sandstone and shale as described above for KJs but containing more than 2 percent potassium feldspar.

- **Greenstone (KJg):** altered volcanic rocks that are fine grained and mostly basalt. Greenstone is hard and grayish olive to olive gray in color where freshly exposed. Where weathered, it is soft and dark yellowish orange to light brown.

- **Chert (KJc):** 2- to 3-inch-thick chert layers that are interbedded with shale layers less than 1 inch thick, generally grayish red.

- **Sheared Rocks (KJu):** small to large fragments of hard rock matrix of sheared rock. Derived mostly from shale and sandstone of Franciscan Complex and serpentine that are fractured and faulted due to mechanical stress.

- **Metamorphic Rocks (KJm):** hard to firm, fine to coarse grained schistose, gneissose, or granulose.
- **Serpentine (sp):** hard to soft rock that is greenish gray and contains small bodies of gabbro and diabase.

5.3 Locality Search Results

The online and print databases were reviewed for macrofossil (plant, vertebrate, and invertebrate fossil) localities for San Francisco and San Mateo Counties (UCMP, 2017; Paleobiology Database, 2017; and Jefferson, 1991). UCMP search results are provided in Appendix B. In terms of Holocene sediment, in San Francisco County, there are 84 records for "recent" age invertebrate fossils (see Table B-1). Location information is given only for about half of them. The only fossil locality (Location identification D6255) was determined to be near the project site at approximately 1.25 miles north of the study area. In San Mateo County, there are 305 records for "recent" fossil localities. The locations of all but 13 of these are identified, and they are not located anywhere near the study area. Most of these Holocene-age fossils are invertebrates from the coastal Pacific side of the San Francisco Peninsula.

The UCMP has 15 records of Pleistocene epoch fossil localities in San Francisco County (see Table B-2). Of these, 10 were found in named formations not mapped anywhere near the study area. Of the remaining 5 localities, only 1 record (UCMP 3410) was found within 4 miles of the study area. This locality was also reported in Jefferson (1991) and the Paleobiology Database (2017). San Mateo County has 24 records of Pleistocene epoch fossil localities (see Table B-3). Of these, all but four records can be ruled out as being from locations that are far away from the study area or are from named formations that don't occur near the study area. Of the remaining four records, three do not have location or formation information; and the remaining locality is labeled as being from South San Francisco, which is 2 to 3 miles from the study area.

Only one fossil locality in each of the San Francisco and San Mateo counties is recorded as from the Franciscan Complex (see Tables B-4 and B-5). The exact locations of these fossil localities were not recorded, and the Franciscan Complex is widespread throughout the San Francisco Peninsula; therefore, there is no evidence that the fossils were found in or near the study area.

Chapter 6 Paleontological Significance and Sensitivity

To assess potential impacts to a paleontological resource, one must consider the sensitivity for underlying geologic formations to produce significant fossils. PG&E uses definitions of significance and sensitivity based on the Federal Land Management and Policy Act of 1976 as well as standards developed by agencies and professional societies including the BLM, SVP, and the California Department of Transportation (PG&E, 2014).

6.1 Definition of Significance and Significance Criteria

A fossil is generally defined as a remnant or trace of an organism of a past geologic age. Most paleontologists in North America use 10,000 years before present (roughly the boundary between the Pleistocene and Holocene) as the cutoff for what constitutes a paleontological resource because this boundary is associated with the last major extinction event preserved in the sedimentary record.

The significance of fossils refers to scientific importance. The Federal Land Management and Policy Act of 1976 defines significant fossils as unique, rare, or particularly well preserved; an unusual assemblage of common fossils; or providing important new data concerning several key research interests in the study of evolution.

PG&E (2014) considers a fossil to be significant if it is identifiable and well preserved, and if it meets one of the following criteria:

- A type specimen (i.e., the individual from which a species or subspecies has been described)
- A member of a rare species
- A species that is part of a diverse assemblage (i.e., a site where more than one fossil has been discovered) wherein other species are also identifiable, and from which important information regarding life histories of individuals can be drawn
- An element different from, or more complete than, those now available for its species

- A complete specimen

More specifically, PG&E uses the following research criteria to determine whether a fossil is significant:

- Taxonomy: fossils that are scientifically judged to be important for representing rare or unknown taxa, such as defining a new species.

- Evolution: fossils that are scientifically judged to represent important stages in evolutionary relationships, to fill gaps, or to enhance under-represented intervals in the stratigraphic record.

- Biostratigraphy: fossils that are scientifically judged to be important for determining or constraining relative geologic age, or for use in regional to interregional stratigraphic correlation.

- Paleoecology: fossils that are scientifically judged to be important for reconstructing ancient organism community structure and interpretation of ancient sedimentary environment.

- Taphonomy: fossils that are scientifically judged to be exceptionally well or unusually or uniquely preserved, or are relatively rare in the stratigraphy.

6.2 Definition of Sensitivity and Sensitivity Criteria

PG&E uses the PFYC developed by the BLM to assess paleontological sensitivity and level of effort required to manage potential impacts to significant resources. In this system, geologic units are classified based on the relative abundance of vertebrate fossils or scientifically significant invertebrate or plant fossils and their sensitivity to adverse impacts. The classifications range from very low to very high with associated numerical indicators (i.e., Class 1 to Class 5), and apply to geologic formations, members, or other distinguishable units at the most detailed mappable level available.

It is important to note that although significant localities may occasionally occur in a geologic unit, a few widely scattered important fossils or localities do not necessarily indicate a higher class. The relative abundance of significant localities is the primary determinant for the class assignment.

Class 1 – Very Low

These geologic units are not likely to contain fossil remains. They include the following:

- Igneous or metamorphic units
- Units Precambrian in age or older
- Artificial or imported fill material

Class 2 – Low

These sedimentary geologic units are not likely to contain vertebrate or scientifically significant nonvertebrate fossils. These units have the following characteristics:

- Vertebrate or significant invertebrate or plant fossils not present or very rare
- Units younger than 10,000 years before present
- Recent aeolian deposits
- Sediments that exhibit significant physical and chemical changes

Class 3 – Moderate or Unknown

These are fossiliferous sedimentary geologic units where fossil content varies in significance, abundance, and occurrence, or are sedimentary units of unknown fossil potential. These units are broken down into sub-classifications and exhibit the following characteristics:

- Class 3a – Moderate Potential:
    - Marine in origin with sporadic occurrences of vertebrate fossils
    - Vertebrate and scientifically significant invertebrate or plant fossils occur intermittently, with low predictability
    - The potential to impact a significant fossil is relatively low, although there is potential to impact common fossils

- Class 3b – Unknown Potential:
    - Exhibits features and conditions that suggest significant fossils could be present, but is poorly studied and/or poorly documented
    - The potential to impact a significant fossil is unknown; potential yield cannot be assigned without additional assessment

Class 4 – High

These are geologic units with a high occurrence of significant fossils. Vertebrate fossils or scientifically significant invertebrate or plant fossils are known and have been documented, but may vary in occurrence and predictability. Ground-disturbing activities have the potential to adversely affect resources if present. These units are broken down into sub-classifications and exhibit the following characteristics:

- Class 4a – High Exposed:
    - Unit is exposed with little or no soil or vegetative cover
    - Extensive outcrop areas with exposed bedrock
    - The potential for encountering or disturbing a significant paleontological resource is moderate to high
- Class 4b – High Buried:
    - Bedrock has high potential, but has moderating circumstances
    - Extensive soil or vegetation cover is present; bedrock exposures are limited or not expected to be impacted
    - Areas of exposed outcrop are smaller than two contiguous acres
    - Outcrops forming cliffs of sufficient height and slope so that impacts are minimized by topography
    - Other characteristics are present that lower the vulnerability of known and unidentified paleontological resources

- The potential for encountering or disturbing a significant paleontological resource is moderate to high, but may be reduced by other environmental factors

Class 5 – Very High

These geologic units consistently and predictably produce vertebrate or scientifically significant invertebrate or plant fossils. Significant fossils are known and can be reasonably expected to occur within the impacted area. Ground-disturbing activities have the potential to adversely affect resources if present. These units are broken down into sub-classifications, and exhibit the following characteristics:

- Class 5a – Very High Exposed:
  - Unit is exposed with little or no soil or vegetative cover
  - Extensive outcrop areas with exposed bedrock
  - Frequent exposure and collection of fossils
  - The potential for encountering or disturbing a significant paleontological resource is high
- Class 5b – Very High Buried:
  - Bedrock has very high potential, but has moderating circumstances
  - Extensive soil or vegetation cover is present; bedrock exposures are limited or not expected to be impacted
  - Areas of exposed outcrop are smaller than two contiguous acres
  - Outcrops forming cliffs of sufficient height and slope so that impacts are minimized by topography
  - Other characteristics are present that lower the vulnerability of known and unidentified paleontological resources
  - The potential for encountering or disturbing a significant paleontological resource is high, but may be reduced by other environmental factors

6.3 Determination of Sensitivity for Geologic Units within Study Area

The PFYC criteria in Section 6.2 was applied to the geologic units in the study area. In Table 1, the geologic age of each unit is indicated in column 1. The sensitivity rating is listed in column 3, and the basis for the rating using the PFYC criteria is in column 4. These ratings are discussed in greater depth in conjunction with the UCMP data and literature review in Section 7.1. Figures 2a and 2b present a mapped version of this data.

TABLE 1
Paleontological Sensitivity of Geologic Units within the Study Area
Egbert Switching Station Project

Geologic Age	Geologic Region	Paleontological Sensitivity – PFYC Category	Basis for Sensitivity Rating
Holocene	Artificial Fill (Qaf and Qaf/tf)	1: Very low	Consists of artificial fill
	Dune Sand (Qd)	2: Low	Recent aeolian deposits; less than 10,000 years old
	Landslide Deposits (Ql)	2: Low	Fossils are rare at shallow depths; no adjacent fossiliferous units; less than 10,000 years old
Pleistocene	Sedimentary Deposits (Qu)	3a: Moderate	Fossils are rare at shallow depths
	Slope Debris and Ravine Fill (Qsr)	2: Low	Slope debris coming out of slopes with low paleontological sensitivity; subaerial deposition
Cretaceous and Jurassic (Franciscan Complex)	Sandstone and shale (KJs and KJsk)	2: Low	Fossils are rare
	Greenstone (KJg)	1: Very low	Metamorphic unit
	Chert (KJc)	2: Low	Fossils are rare
	Sheared Rocks (KJu)	1: Very low	Mechanically altered
	Metamorphic Rocks (KJm)	1: Very low	Metamorphic unit
	Serpentine (sp)	1: Very low	Metamorphic unit

Chapter 7 Findings

A review of paleontological databases (Section 5.3), scientific literature, and geologic maps was conducted to assess the geologic units in the study area.

Holocene units in the study area are determined to be of very low to low sensitivity, as shown in Table 1. Most Holocene sediment in the study area is artificial fill (Qaf and Qaf/tf), which is generally considered to have very low or no paleontological sensitivity. Fill sediment was excavated somewhere else and is generally not considered to be of scientific value because the stratigraphic context has been altered. There are small areas of dune sand (Qd) in the study area; these are of low paleontological sensitivity because of their deposition in a high-energy, sub-aerial environment and because of the porosity of sand. All of these factors make fossil preservation in sand dunes unlikely. The study area also contains a few small areas of landslide deposits. These areas are of similarly low paleontological sensitivity because they occur as pockets within areas of Franciscan Complex rock, largely representing landslides of Franciscan Complex material (which, as indicated in Table 1, has low paleontological sensitivity). In addition, these geologic units are assumed to be less than 10,000 years old, which is less than the widely accepted minimum age for fossils (PG&E, 2014).

Fossils have been found in Pleistocene epoch sediments in San Francisco during excavations for construction projects, including the Bay Bridge, Bay Shore Southern Pacific Tunnel, Twin Peaks Tunnel, construction of an office building on Pacific Street, and construction of the Southeast Sewage Treatment Plant. The Islais Creek channel is approximately 1.25 miles from the study area. This site yielded a sparse Rancholabrean-age fossil fauna (Radbruch and Schlocker, 1958). Fossils were also found in borings in the Islais Creek area in sediment identified as Old Bay Mud. Fossil plants and mollusk fossils were found in an excavation at the Southeast Water Pollution Control Plant, in the Bayview District 0.8 mile northeast of the study area. Two localities in South San Francisco (UCMP localities V-6203 and V-6319) have also produced Rancholabrean faunas, including bison and elk or moose.

Many of the Pleistocene epoch fossils found on the San Francisco Peninsula are recorded as being found in named geologic units such as the Colma Formation or Old Bay Mud that do not occur in the study area (Rodda and Baghai, 1993; UCMP, 2017). Fossils in undifferentiated sediment such as Qu are rarely encountered at shallow depths (less than 20 feet bgs). Excavations associated with the project in Qu would

be a maximum of 10 bgs. As discussed above, scientifically significant fossils are occasionally found in Pleistocene sediment although the probability of finding them is low. Thus, the paleontological sensitivity is considered to be moderate. The sensitivity of Qsr, which is slope debris and ravine fill, is low because the adjacent slopes from which the material was originated, the Franciscan Complex, have low paleontological sensitivity and the material was deposited subaerially.

Fossils have been found in the Franciscan Complex in the greater Bay Area, but they are not very common. Sandstone and shale (KJs and KJsk) of the Franciscan Complex has on very rare occasion yielded fossils, but its deposition on deep-ocean plains principally as a result of marine landslides was not conducive to fossil preservation. The paleontological sensitivity of KJs and KJsk is low. Chert (KJc) may contain abundant microfossils such as radiolaria but rarely contains macrofossils; therefore, paleontological sensitivity is low. Greenstone (KJg), metamorphic rocks (KJm), and serpentinite (sp) are highly metamorphosed rocks altered by intense heat and pressure, and are not expected to yield fossils; they also have very low paleontological sensitivity. Similarly, sheared rock (KJu) has been so mechanically altered as to be of no paleontological sensitivity; any fossils within it would have been destroyed.

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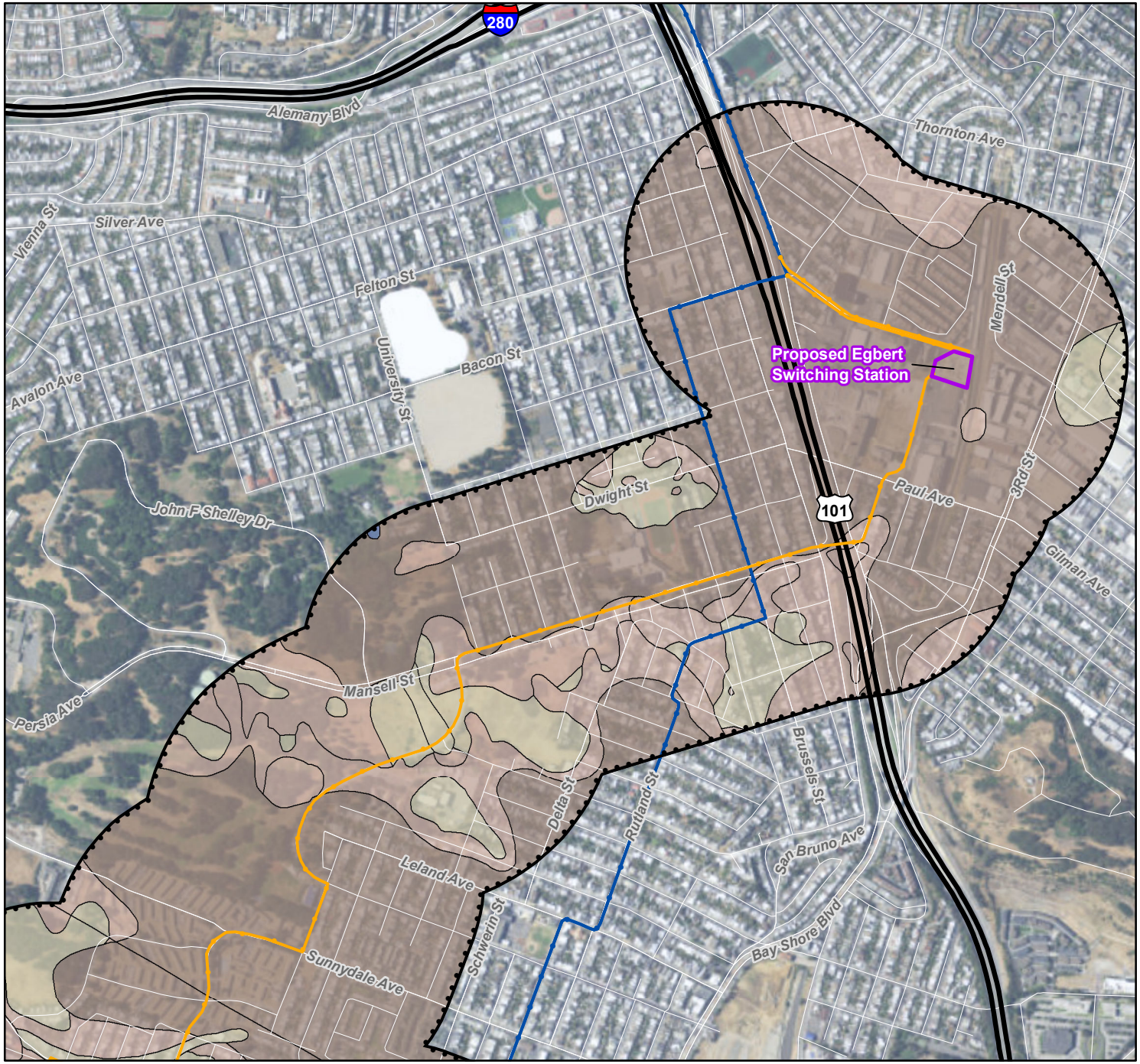
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Figures



Legend

- Study Area
- Proposed 230 kV Line
- Proposed Egbert Switching Station
- Martin Substation
- Existing 230 kV Line

Paleontological Sensitivity

- 1: Very low
- 2: Low
- 3a: Moderate
- Water

Sources:
1) Bonilla, 1998
2) ESRI World Imagery

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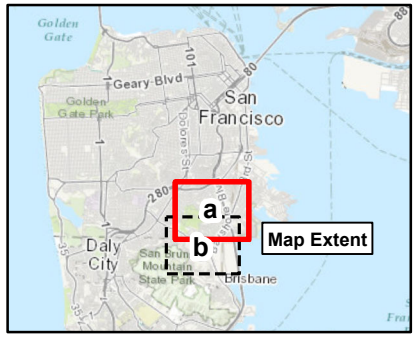
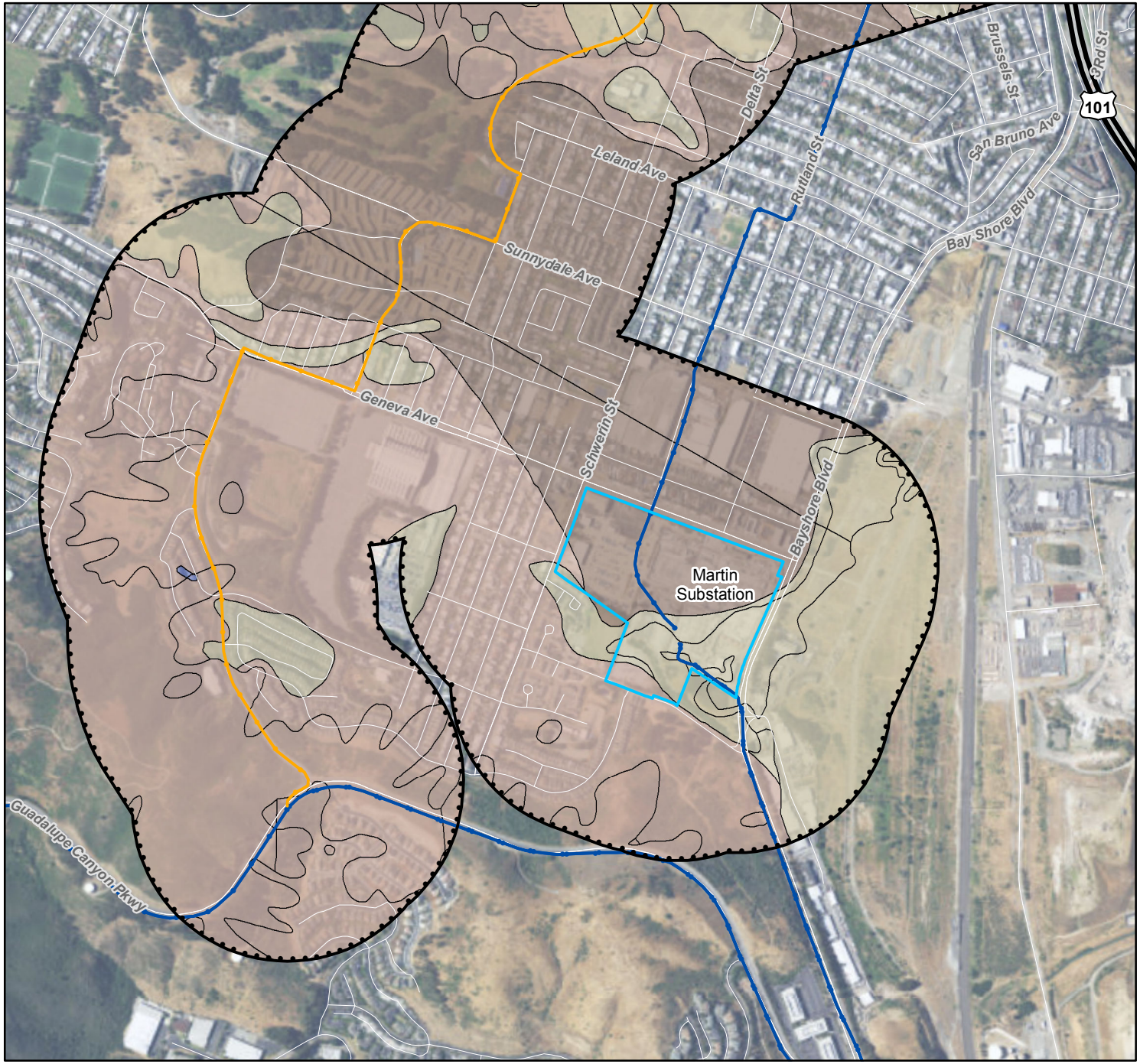


FIGURE 2a
Paleontological Sensitivity
Egbert Switching Station Project

PG&E

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Legend

- Study Area
- Proposed 230 kV Line
- Proposed Egbert Switching Station
- Martin Substation
- Existing 230 kV Line

Paleontological Sensitivity

- 1: Very low
- 2: Low
- 3a: Moderate
- Water

Sources:
1) Bonilla, 1998
2) ESRI World Imagery

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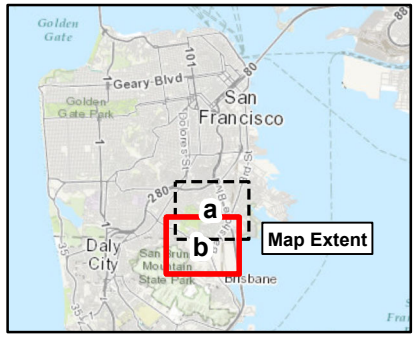


FIGURE 2b
Paleontological Sensitivity
Egbert Switching Station Project

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Appendix A
Resumes of Key Personnel

MariaElena Conserva

Education

Ph.D., Geography (paleoecology), University of California, Berkeley
M.A., Geography (paleoecology), University of California, Berkeley
B.A., Geography, University of California, Los Angeles

Relevant Experience

Dr. Conserva conducts primary paleontological research and works as a consulting paleontologist in California and in Mexico. She has performed and overseen field investigation, fossil recovery (vertebrate, invertebrate, and botanical), preparation of fossils for museum curation, and construction monitoring for paleontological resources. She continues to collaborate in paleontological and paleoecological research destined for peer-reviewed scientific journals. She also works as a senior environmental and visual planner.

Representative Projects

Visual Planner; PG&E Gas Transmission Line 109 Canada Road and Crystal Springs Pipeline Replacement Projects; Prepared visual resource impact assessments of two PG&E pipeline replacement projects that included visual simulations for initial study checklists.

Paleontology Resource Specialist; Rising Tree Wind Energy Farm; Mojave, Kern County, California. Planned paleontological resource surveys of the highly fossiliferous Plio-Pleistocene Horned Toad Formation, which was to be extensively affected by excavation for construction of a wind farm. Subsequently directed the recovery and cataloging of hundreds of vertebrate fossils and preparation of fossil material recovered during construction. Negotiated a curation agreement with an appropriate museum for curation, and oversaw the delivery of more than 200 pounds of fossil specimens to the museum for permanent curation. Prepared budgets and compliance reports.

Paleontology Resource Specialist; Alta East Wind Project; Mojave, Kern County, California. Audited construction monitoring, vertebrate fossil cataloging and storage, microfossil analysis, and preparation of vertebrate fossils for curation for a wind energy project on Bureau of Land Management (BLM) land.

Paleontology Resource Specialist; Capital Southeast Connector Expressway; Sacramento, California. Prepared technical report evaluating paleontological resources including field reconnaissance, scientific literature and database review. Prepared recommendations for the mitigation of potential paleontological resources.

Paleontology Subject Matter Expert; Green Line to Airport; Sacramento, California. Prepared technical evaluation of paleontological resources including review of U.C. Museum of Paleontology (UCMP) database, scientific literature, geologic maps, and field reconnaissance.

Paleontology Subject Matter Expert; I-680 Direct Ramps Assessment Project; San Ramon, Contra Costa County, California. Prepared a CEQA/NEPA evaluation of paleontological resources for a freeway widening project for the Contra Costa Transportation Authority. Performed background research by review of U.C. Museum of Paleontology (UCMP) database, scientific literature, and geologic maps. Performed paleontological survey to confirm project site geology as mapped. Reviewed project design plans to evaluate the paleontological sensitivity of areas to be excavated.

Paleontology Subject Matter Expert; Niles Canyon and Alameda Creek Projects; Alameda County, California. Prepared paleontological resources evaluation for highway upgrade and bridge replacement projects in Niles Canyon in Alameda County along Caltrans guidelines. Reviewed U.C. Museum of Paleontology (UCMP) database, scientific literature, and geologic maps. Performed field survey to check high sensitivity areas for the presence of significant paleontological resources and to confirm project site geology as mapped. Reviewed project design plans to evaluate the paleontological sensitivity of areas to be excavated.

Paleontology Subject Matter Expert; Gleason Beach Project; Sonoma County, California. Prepared paleontological resources evaluation for a stretch of Highway 1 in Sonoma County. Performed background research by review of UC Museum of Paleontology (UCMP) database, scientific literature, and geologic maps. Performed field survey to check high sensitivity areas for the presence of significant paleontological resources and to confirm project site geology as mapped. Reviewed project design plans to evaluate the paleontological sensitivity of areas to be excavated. Wrote the Paleontological Mitigation Plan which are site specific instructions for construction monitoring and monitoring strategy.

Paleontology Subject Matter Expert; Golden Hills Wind Energy Project; Alameda County, California; Prepared technical report evaluating paleontological resources for a wind energy project in the Altamont Pass. Performed background research by review of paleontological databases, scientific literature, geologic maps, and project design plans. Performed field survey to check high sensitivity areas for the presence of significant paleontological resources and to confirm project site geology as mapped.

Paleontology Subject Matter Expert; Pipeline Safety Enhancement Plan; Confidential Energy Client; Various Locations, Southern California. Evaluated paleontological resources for pipeline replacement projects in several southern California locations using paleontological databases, scientific literature, geologic maps, and project design plans and wrote mitigation measures.

Paleontology Subject Matter Expert; Dow Chemical Company Modernization Project; Contra Costa County; California. Evaluated paleontological resources for project on the edge of the along San Francisco Bay delta using paleontological databases, scientific literature, geologic maps, and project design plans and wrote mitigation measures.

Paleontology Subject Matter Expert; Troutdale Bridge Replacement Project; Caltrans District 4, Napa County, California; prepared the Paleontological Evaluation Report (PER) and Paleontological Mitigation Plan (PMP) to Caltrans specifications. Prepared paleontological resources technical report for highway bridge replacement projects in Solano County. Performed background research by review of UC Museum of Paleontology (UCMP) database, scientific literature, and geologic maps. Performed paleontological survey to field-check high sensitivity areas for the presence of significant paleontological resources and to confirm project site geology as mapped. Reviewed project design plans to evaluate the paleontological sensitivity of areas to be excavated. Wrote the Paleontological Mitigation Plan which are site specific instructions for construction monitoring and monitoring strategy.

Paleontology Subject Matter Expert; Meridian and Midway Roads Bridge Replacement and Retrofit Project; Caltrans District 4, Solano County, California; Prepared paleontological resources technical report for highway bridge replacement projects in Solano County. Performed background research by review of UC Museum of Paleontology (UCMP) database, scientific literature, and geologic maps. Performed paleontological survey to field-check high sensitivity areas for the presence of significant paleontological resources and to confirm project site geology as mapped. Reviewed project design plans to evaluate the paleontological sensitivity of areas to be excavated.

Paleontology Subject Matter Expert; Lagunitas Creek Bridge Project; Marin County, California; evaluated paleontological resources for project in Marin County using paleontological databases, scientific literature, geologic maps, and project design plans.

Paleontology Subject Matter Expert; Darrah Road Bridge Replacement Project; Mariposa County, California; evaluated paleontological resources for project in the Sierra Foothills using paleontological databases, scientific literature, geologic maps, and project design plans.

Publications and Presentations

Park, J.; Byrne, R.; Böhnel, H.; Garza, R.M.; Conserva, M.E. (2010) Holocene climate change and human impact, central Mexico: a record based on maar lake pollen and sediment chemistry. *Quaternary Science Reviews*. Volume 29, Issues 5-6, Pages 593-814, March 2010.

Conserva, M.E. (2003). Climate and Vegetation Change in Central Mexico: Implications for Mesoamerican Prehistory. Ph.D. Dissertation, U.C. Berkeley. Fall 2003.

Conserva, M.E. and Byrne, R. (2002) Late Holocene Vegetation Change in the Sierra Madre Oriental of Central Mexico. *Quaternary Research*. 58, 122-129, 2002.

Conserva, M.E. and Byrne, R. (2001) Vegetation and Climate Change in Central Mexico during the Last 2,000 Years: Implications for Understanding Mesoamerican Prehistory. Paper presented at Paclim '01 Proceedings, Mar. 18-21, 2001, Asilomar, California.

Conserva, M.E. and Byrne, R. (2000) A High Resolution Pollen Record from the Northern Frontier of Mesoamerica. Paper presented at Archaeometry: 32nd Annual International Symposium, May 15-19, 2000, Mexico City, Mexico.

Conserva, M.E. (2000) A Paleoecological Record from Laguna Atezca, Hidalgo, on the Northern Frontier of Mesoamerica. Paper presented at 65th Annual Meeting of the Association of Pacific Coast Geographers, Sept. 19-23, 2000, Arcata, CA.

Conserva, M.E. and Byrne, R. (2000) Late Holocene Environmental History of the Eastern Central Highlands of Mexico. Paper presented at 2a Reunión Nacional de Ciencias de la Tierra, Oct. 30 – Nov. 3, 2000, Puerto Vallarta, Mexico.

Employment History

CH2M, Inc. 2007-Present.

Quaternary Paleoecology Lab, University of California, Berkeley, Research Fellow, 1999-2003, performed micropaleontolgical laboratory and data analyses, field surveying, wrote research grants, and scientific papers.

University of California, Berkeley, Teaching Assistant, 1997-2001, taught laboratory and discussion classes for five undergraduate courses in environmental science.

Appendix B
UCMP Specimen Search Results

TABLE B-1

San Francisco County Holocene Fossil Localities

Location ID	Locality Name	County	State	Country	Continent	Period	Epoch	Formation	Member	Storage Age	Flora/Fauna	Collection
2393-	Mission Creek	San Francisco County	California	United States	North America	Quaternary	Recent					I
2394-	San Francisco Bay	San Francisco County	California	United States	North America	Quaternary	Recent					I
2397-	Farallon Island	San Francisco County	California	United States	North America	Quaternary	Recent					I
2436-	Golden Gate	San Francisco County	California	United States	North America	Quaternary	Recent					I
2447-	Mountain Lake	San Francisco County	California	United States	North America	Quaternary	Recent					I
2465-	Lake Merced	San Francisco County	California	United States	North America	Quaternary	Recent					I
2898-	Fort Point	San Francisco County	California	United States	North America	Quaternary	Recent					I
7215-	San Francisco Bay	San Francisco County	California	United States	North America	Quaternary	Recent					I
A4484	Fort Funston	San Francisco County	California	United States	North America	Quaternary	Recent					I
A7606		San Francisco County	California	United States	North America	Quaternary	Recent					I
B3508		San Francisco County	California	United States	North America	Quaternary	Recent					I
B6886		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8628		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8629		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8630	Farallon Islands	San Francisco County	California	United States	North America	Quaternary	Recent					IM
B8631	Farallon Islands	San Francisco County	California	United States	North America	Quaternary	Recent					IM
B8632		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8633		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8634		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8635		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8636		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8637		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8638		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8639		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8640		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8641		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8642		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8643	Farallon Islands	San Francisco County	California	United States	North America	Quaternary	Recent					IM
B8644		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8645		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8646	Farallon Islands	San Francisco County	California	United States	North America	Quaternary	Recent					IM
B8647		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8648	Farallon Islands	San Francisco County	California	United States	North America	Quaternary	Recent					I
B8649		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8650		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8651		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8652	Farallon Islands	San Francisco County	California	United States	North America	Quaternary	Recent					IM
B8653	Farallon Islands	San Francisco County	California	United States	North America	Quaternary	Recent					I
B8654		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8655		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8656		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8657		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8658		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8659		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8660		San Francisco County	California	United States	North America	Quaternary	Recent					I
B8661	Farallon Islands	San Francisco County	California	United States	North America	Quaternary	Recent					I
B8662	Farallon Islands	San Francisco County	California	United States	North America	Quaternary	Recent					I

TABLE B-1

San Francisco County Holocene Fossil Localities

Location ID	Locality Name	County	State	Country	Continent	Period	Epoch	Formation	Member	Storage Age	Flora/Fauna	Collection
B8663		San Francisco County	California	United States	North America	Quaternary	Recent					I
D196	Fleishackers Beach	San Francisco County	California	United States	North America	Quaternary	Recent					I
D6011		San Francisco County	California	United States	North America	Quaternary	Recent					I
D6255	Islais Creek	San Francisco County	California	United States	North America	Quaternary	Recent					I
D6266		San Francisco County	California	United States	North America	Quaternary	Recent					I
D8933	Golden Gate	San Francisco County	California	United States	North America	Quaternary	Recent					I
D9340	Southeast Farallon Island	San Francisco County	California	United States	North America	Quaternary	Recent					I
D9386	San Francisco	San Francisco County	California	United States	North America	Quaternary	Recent					I
E5088	Farallon Island	San Francisco County	California	United States	North America	Quaternary	Recent					I
E5089	Farallon Island	San Francisco County	California	United States	North America	Quaternary	Recent					I
E5090	Farallon Island	San Francisco County	California	United States	North America	Quaternary	Recent					I
E5091	Farallon Island	San Francisco County	California	United States	North America	Quaternary	Recent					I
E6365	San Francisco Bay	San Francisco County	California	United States	North America	Quaternary	Recent					I
E6759	Farallon Island	San Francisco County	California	United States	North America	Quaternary	Recent					I
R514	San Francisco Market	San Francisco County	California	United States	North America	Quaternary	Recent					I
R584	Marine Lake	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1003	Lobos Creek	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1018	Mussel Rock	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1022	Presidio	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1033	Hunters Point	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1051	San Francisco	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1053	Jewish cemetary, San Francisco	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1204	Presidio Lake	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1209	San Francisco	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1267	Cliff House	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1270	Fort Point	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1285	Mission Creek	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1294	McAllister Street	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1295	Mission Hills	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1298	Mission	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1301	Black Hills	San Francisco County	California	United States	North America	Quaternary	Recent					I
R1685	Golden Gate	San Francisco County	California	United States	North America	Quaternary	Recent					I
R2523	Crab House Rock	San Francisco County	California	United States	North America	Quaternary	Recent					I
R5046	Hunter's Point	San Francisco County	California	United States	North America	Quaternary	Recent					I
R7215		San Francisco County	California	United States	North America	Quaternary	Recent					I

Source: UCMP, 2017

I = invertebrate

V = vertebrate

P = plant

TABLE B-2

San Francisco County Pleistocene Fossil Localities

Location ID	Locality Name	County	State	Country	Continent	Period	Epoch	Formation	Member	Storage Age	Flora/Fauna	Collection
D1619		San Francisco County	California	United States	North America	Quaternary	Pleistocene	Thornton Beach				I
PA238	Fort Funston	San Francisco County	California	United States	North America	Quaternary	Pleistocene	Westlake		Pleistocene		P
V3410	Islais	San Francisco County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V3411	Bay Bridge 1	San Francisco County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V3901	Fleishhacker Beach	San Francisco County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V6344	Fort Funston 6	San Francisco County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V
V6423	Fort Funston Beach 1	San Francisco County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V
V6424	Fort Funston Beach 2	San Francisco County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V
V6425	Fort Funston Beach 3	San Francisco County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V
V6441	Fort Funston Beach 4	San Francisco County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V
V6444	Fort Funston Beach 5	San Francisco County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V
V65243	Twin Peaks Tunnel	San Francisco County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V69186	Bay Bridge 2	San Francisco County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V75047	Fort Funston Beach 6	San Francisco County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V
V75048	Fort Funston Beach 7	San Francisco County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V

Source: UCMP, 2017

I = invertebrate

V = vertebrate

P = plant

TABLE B-3

San Mateo County Pleistocene Fossil Localities

Location ID	Locality Name	County	State	Country	Continent	Period	Epoch	Formation	Member	Storage Age	Flora/Fauna	Collection
165A	San Bruno I	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Pleistocene		P
165B	San Bruno II	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Pleistocene		P
1781-		San Mateo County	California	United States	North America	Quaternary	Pleistocene					I
A3408	Mateo Siding	San Mateo County	California	United States	North America	Quaternary	Pleistocene					I
B366		San Mateo County	California	United States	North America	Quaternary	Pleistocene					I
D1617		San Mateo County	California	United States	North America	Quaternary	Pleistocene	Thornton Beach				I
D1618		San Mateo County	California	United States	North America	Quaternary	Pleistocene	Thornton Beach				I
IP6848	Point Ano Nuevo	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Late Pleistocene		I
IP7120	Green Oaks Creek	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Late Pleistocene		I
IP8983	San Mateo County	San Mateo County	California	United States	North America	Quaternary	Pleistocene					I
IP9625	Ano Nuevo terrace	San Mateo County	California	United States	North America	Quaternary	Pleistocene					I
V3505	Mussel Beach	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V3606	Seven Mile Beach	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V4018	Mussel Rock 2	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V6203	Skyline Drive	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V6319	South San Francisco	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V6422	Thornton Beach 1	San Mateo County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V
V74164	Middlefield Road	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V81094	Franklin Point S	San Mateo County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V
V83054	Ely's San Mateo County loc	San Mateo County	California	United States	North America	Quaternary	Pleistocene					V
V83098	Miramontes Bird	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V92009	El Granada Beach	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V92100	San Mateo (Mountain View) Dump	San Mateo County	California	United States	North America	Quaternary	Pleistocene			Rancholabrean		V
V99892	Bivalve Point	San Mateo County	California	United States	North America	Quaternary	Pleistocene	Merced		Irvingtonian		V

Source: UCMP, 2017

I = invertebrate

V = vertebrate

P = plant

TABLE B-4

San Francisco County Cretaceous and Jurassic Fossil Localities

Location ID	Locality Name	County	State	Country	Continent	Period	Epoch	Formation	Member	Storage Age	Flora/Fauna	Collection
A1434	Alcatraz Island	San Francisco County	California	United States	North America	Cretaceous						I
A6583	Golden Gate Bridge	San Francisco County	California	United States	North America	Cretaceous		Marin				I
B2633		San Francisco County	California	United States	North America	Jurassic		Franciscan				I
D9859	Alcatraz Island	San Francisco County	California	United States	North America	Cretaceous	Early Cretaceous					I
D9890		San Francisco County	California	United States	North America	Cretaceous		Chico				I

Source: UCMP, 2017

I = invertebrate

V = vertebrate

P = plant

TABLE B-5

San Mateo County Cretaceous and Jurassic Fossil Localities

Location ID	Locality Name	County	State	Country	Continent	Period	Epoch	Formation	Member	Storage Age	Flora/Fauna	Collection
A4687		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
A6463		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
A6881		San Mateo County	California	United States	North America	Cretaceous						I
A7601	Butano Creek	San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
B2607		San Mateo County	California	United States	North America	Cretaceous		Calera				I
B2635		San Mateo County	California	United States	North America	Jurassic		Franciscan				I
B3252		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
B5787		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
B6358		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP2795	Bolsa Point	San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4009		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4010		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4011		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4012		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4013		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4014		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4015		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4016		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4017		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4018		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4019		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4020		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4021		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4022		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4023		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4024		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4025		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4026		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4027		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4028		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4029		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4030		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4031		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4032		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4033		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4034		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4035		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4036		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4037		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4038		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4039		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4040		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4041		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4042		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I

TABLE B-5

San Mateo County Cretaceous and Jurassic Fossil Localities

Location ID	Locality Name	County	State	Country	Continent	Period	Epoch	Formation	Member	Storage Age	Flora/Fauna	Collection
IP4043		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4046		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4047		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4048		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4050		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4095		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4097		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4100		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP4101		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous	Pigeon Point				I
IP5329	Point San Bruno	San Mateo County	California	United States	North America							I
IP5727		San Mateo County	California	United States	North America	Cretaceous	Late Cretaceous					I
IP12508		San Mateo County	California	United States	North America	Cretaceous		Pigeon Point?				I
IP12509		San Mateo County	California	United States	North America	Cretaceous		Pigeon Point				I

Source: UCMP, 2017

I = invertebrate

V = vertebrate

P = plant

APPENDIX D.9-1

EDR DataMap Corridor Study

Martin 230 Kv Bus Extension PEA
San Francisco, CA 94134

Inquiry Number: 4918359.5s
April 27, 2017

EDR DataMap™ Corridor Study

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

SAN FRANCISCO, CA 94134
SAN FRANCISCO, CA 94134

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
US CDL	National Clandestine Laboratory Register
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
ABANDONED MINES	Abandoned Mines
LEAD SMELTERS	Lead Smelter Sites
FEDERAL FACILITY	Federal Facility Site Information listing
FEMA UST	Underground Storage Tank Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing

EXECUTIVE SUMMARY

DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUSRAP	Formerly Utilized Sites Remedial Action Program
COAL ASH DOE	Steam-Electric Plant Operation Data
2020 COR ACTION	2020 Corrective Action Program List
PRP	Potentially Responsible Parties
EPA WATCH LIST	EPA WATCH LIST
US FIN ASSUR	Financial Assurance Information
PCB TRANSFORMER	PCB Transformer Registration Database
US HIST CDL	Delisted National Clandestine Laboratory Register
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
IHS OPEN DUMPS	Open Dumps on Indian Land
US AIRS	Aerometric Information Retrieval System Facility Subsystem

STATE AND LOCAL RECORDS

CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
WDS	Waste Discharge System
UIC	UIC Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
LIENS	Environmental Liens Listing
CUPA Listings	CUPA Resources List
LDS	Land Disposal Sites Listing
DEED	Deed Restriction Listing
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
CDL	Clandestine Drug Labs
HAULERS	Registered Waste Tire Haulers Listing
BROWNFIELDS	Considered Brownfieds Sites Listing
ICE	ICE
PROC	Certified Processors Database
MINES	Mines Site Location Listing
HWP	EnviroStor Permitted Facilities Listing
MWMP	Medical Waste Management Program Listing
WMUDS/SWAT	Waste Management Unit Database
WASTEWATER PITS	Oil Wastewater Pits Listing

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land
INDIAN VCP	Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

EDR MGP	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

EXECUTIVE SUMMARY

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 10/10/2016 has revealed that there is 1 SEMS site within the searched area.

Site	Address	Map ID	Page
YOSEMITE CREEK SEDIM	INTERSECTION OF YOSE	41	149

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 10/10/2016 has revealed that there are 2 SEMS-ARCHIVE sites within the searched area.

Site	Address	Map ID	Page
RICKES S & SONS	1831 EGBERT AVE	70	234
METTEN & GEBHARDT TA	1775 EGBERT AVE	76	264

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/12/2016 has revealed that there are 4

EXECUTIVE SUMMARY

RCRA-LQG sites within the searched area.

Site	Address	Map ID	Page
WALGREENS #1626	2494 SAN BRUNO AVE	12	48
ARMSTRONG PLACE SENI	***5600 THIRD ST***	***71***	***243***
RHAPSODY GREEN CENTE	***1815 EGBERT AVENUE***	***73***	***257***
EXXON CO USA #78959	2985 SAN BRUNO AVE	104	418

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/12/2016 has revealed that there are 21 RCRA-SQG sites within the searched area.

Site	Address	Map ID	Page
BP 00230	***2190 CARROLL ST***	***7***	***27***
AVENUE FRENCH CLEANE	***2544 SAN BRUNO AVE***	***17***	***60***
CITY COLLEGE OF SAN	***1960 CARROLL AVE***	***29***	***105***
COLORFAST PRINTING	***1900 CARROLL AVE***	***33***	***121***
FOUR MILE CLEANERS	***2200 LANE ST***	***40***	***135***
GIAMPOLINI & CO	***1901 CARROLL AVE***	***43***	***151***
CITY SCREEN AND GRAP	***1955 CARROLL AVE***	***44***	***158***
BORELLOS DRY CLEANER	***2695 SAN BRUNO AVE***	***57***	***199***
DANACOLORS INC	***1833 EGBERT AVE***	***70***	***237***
TWIGS THE	***5700 3RD ST***	***78***	***274***
CITY SERVICE	***2800 SAN BRUNO AVE***	***80***	***285***
COMCAST OF CALIFORNI	1485 BAYSHORE BLVD	84	303
COCA-COLA USA	***5800 THIRD ST***	***89***	***322***
GENERAL AUTO SERVICE	***2990 SAN BRUNO AVE***	***105***	***432***
U HAUL	***500 PAUL DR***	***113***	***500***
PACIFIC BELL	***6150 3RD STREET***	***119***	***516***
PACIFIC BELL	***100 PAUL AVE***	***120***	***529***
RH MACY & COMPANY IN	***200 PAUL AVE***	***121***	***535***
DEWEY PEST CONTROL	***6300 3RD STREET***	***145***	***576***
PACIFIC BELL	***1655 VISITACION AVEN***	***177***	***618***
NORTH BAY PACIFIC TH	***607 CARTER STREET***	***219***	***663***

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/12/2016 has revealed that there are 6 RCRA NonGen / NLR sites within the searched area.

Site	Address	Map ID	Page
LP TRUCKING CO	88 BITTING AVE	64	224
E BUTLER TRUCKING IN	***1485 BAYSHORE BLVD S***	***84***	***301***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
SHUMATE ENTERPRISE	1485 BAYSHORE BLVD	107	479
AL CURRY TRUCKING	***1485 BAYSHORE BLVD***	***107***	***481***
CAMKAL INDUSTRIAL TR	1485 BAYSHORE BLVD	107	483
LEEG AND CO INC	1485 BAYSHORE BLVD	107	488

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 09/26/2016 has revealed that there are 12 ERNS sites within the searched area.

Site	Address	Map ID	Page
Not reported	2190 CARROLL STREET	7	20
Not reported	2190 CARROLL ST	7	37
Not reported	2542 SAN BRUNO AVE	17	66
Not reported	1983 CARROLL AVE.	32	111
Not reported	1727 WALLACE AVENUE	39	133
Not reported	DANA COLORS 1833 EGB	72	247
Not reported	DANA COLORS, 1833 EG	72	247
Not reported	2811 SAN BRUNO AVE	79	279
Not reported	3207 SAN BRUNO AVE.	141	573
Not reported	1/4 MILE UPRIVER	156	591
Not reported	1/4 MILE OFF AQUATIC	156	591
Not reported	663 CAMPBELL STREET	169	607

HMIRS: The Hazardous Materials Incident Report System contains hazardous material spill incidents reported to the Department of Transportation. The source of this database is the U.S. EPA.

A review of the HMIRS list, as provided by EDR, and dated 12/28/2016 has revealed that there is 1 HMIRS site within the searched area.

Site	Address	Map ID	Page
Not reported	2190 CARROLL ST	7	43

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

A review of the DOT OPS list, as provided by EDR, and dated 07/31/2012 has revealed that there is 1 DOT OPS site within the searched area.

Site	Address	Map ID	Page
PACIFIC GAS & ELECTR	663 CAMPBELL	169	607

EXECUTIVE SUMMARY

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, has revealed that there are 6 FTTS sites within the searched area.

Site	Address	Map ID	Page
T.W. DISCOUNT STORE	***2587 SAN BRUNO AVENU***	***24***	***84***
Database: FTTS INSP, Date of Government Version: 04/09/2009			
GENERAL BREWING COMP	***2601 NEWHALL***	***26***	***92***
Database: FTTS INSP, Date of Government Version: 04/09/2009			
GENERAL BREWING COMP	2601 NEWHALL AVE	26	93
Database: FTTS, Date of Government Version: 04/09/2009			
ENVIRONMENTAL SAFETY	***1715 YOSEMITE AVENUE***	***52***	***183***
Database: FTTS INSP, Date of Government Version: 04/09/2009			
NATEC INTERNATIONAL,	1815 EGBERT AVENUE	73	256
Database: FTTS INSP, Date of Government Version: 04/09/2009			
RHAPSODY GREEN CENTE	1815 EGBERT AVENUE	73	256
Database: FTTS INSP, Date of Government Version: 04/09/2009			

HIST FTTS: A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

A review of the HIST FTTS list, as provided by EDR, has revealed that there are 4 HIST FTTS sites within the searched area.

Site	Address	Map ID	Page
T.W. DISCOUNT STORE	***2587 SAN BRUNO AVENU***	***24***	***84***
Database: HIST FTTS INSP, Date of Government Version: 10/19/2006			
GENERAL BREWING COMP	***2601 NEWHALL***	***26***	***92***
Database: HIST FTTS INSP, Date of Government Version: 10/19/2006			
GENERAL BREWING COMP	2601 NEWHALL AVE	26	93
Database: HIST FTTS, Date of Government Version: 10/19/2006			
ENVIRONMENTAL SAFETY	***1715 YOSEMITE AVENUE***	***52***	***183***
Database: HIST FTTS INSP, Date of Government Version: 10/19/2006			

EXECUTIVE SUMMARY

ICIS: The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

A review of the ICIS list, as provided by EDR, and dated 11/18/2016 has revealed that there is 1 ICIS site within the searched area.

Site	Address	Map ID	Page
CELLCO - COSTA BRAVA	***1575 BAYSHORE AVE.***	***107***	***470***

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/15/2016 has revealed that there are 63 FINDS sites within the searched area.

Site	Address	Map ID	Page
BP 00230	***2190 CARROLL ST***	***7***	***27***
WALGREENS #1626	***2494 SAN BRUNO AVE***	***12***	***51***
AVENUE FRENCH CLEANE	***2544 SAN BRUNO AVE***	***17***	***60***
KRAGEN AUTO PARTS #1	2500 SAN BRUNO AVE	17	69
T.W. DISCOUNT STORE	2587 SAN BRUNO AVENU	24	83
GENERAL BREWING COMP	2601 NEWHALL	26	93
CITY COLLEGE OF SAN	***1960 CARROLL AVE***	***29***	***105***
Q Q PRINTING	1900 CARROLL AVENUE	33	120
COLORFAST PRINTING	***1900 CARROLL AVE***	***33***	***121***
YOUNG'S CABINET	1760 YOSEMITE AVENUE	37	132
FOUR MILE CLEANERS	***2200 LANE STREET***	***40***	***134***
GIAMPOLINI & CO	***1901 CARROLL AVE***	***43***	***151***
CITY SCREEN AND GRAP	***1955 CARROLL AVE***	***44***	***158***
CUSTOM CABINET & COU	1850 DONNER AVENUE	49	177
PUBLIC GLASS	1770 ARMSTRONG AVE #	50	182
ENVIRONMENTAL SAFETY	1715 YOSEMITE AVENUE	53	184
BORELLO'S CLEANERS	***2695 SAN BRUNO AVENU***	***57***	***208***
LP TRUCKING CO	***88 BITTING AVE***	***64***	***224***
KK GRAPHICS	1825 EGBERT AV A	70	232
DANACOLORS INC	***1833 EGBERT AVE***	***70***	***237***
ARMSTRONG PLACE SENI	***5600 THIRD ST***	***71***	***241***
RHAPSODY GREEN CENTE	***1815 EGBERT AVENUE***	***73***	***257***
CCSF - HOUSING AUTHO	***1815 EGBERT ST***	***73***	***259***
PORTOLA AUTO SERVICE	2780 SAN BRUNO AVE	75	263
METTEN AND GEBHARD	1775 EGBERT AVENUE	76	263
TWIGS THE	***5700 3RD ST***	***78***	***274***
CITY SERVICE	***2800 SAN BRUNO AVE***	***80***	***285***
AT&T MOBILITY - HWY	1485 BAY SHORE BLVD	82	296
COCA-COLA USA	***5800 3RD ST.***	***89***	***317***
EXXON MOBIL CORPORAT	2985 SAN BRUNO AVENU	104	415
GENERAL AUTO SERVICE	***2990 SAN BRUNO AVE***	***105***	***432***
ARCO 2056	***2990 SAN BRUNO AVE***	***105***	***442***

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Site	Address	Map ID	Page
U-HAUL COMPANY OF SF	1575 BAYSHORE BOULEV	107	458
VERIZON WIRELESS COS	1575 BAY SHORE BLVD	107	461
CELLCO - COSTA BRAVA	***1575 BAYSHORE AVE.***	***107***	***470***
LEEG AND CO INC	***1485 BAYSHORE BLVD***	***107***	***480***
AL CURRY TRUCKING	***1485 BAYSHORE BLVD***	***107***	***481***
AL CURRY TRUCKING	***1485 BAYSHORE BLVD R***	***107***	***484***
CAMKAL INDUSTRIAL TR	***1485 BAYSHORE BLVD***	***107***	***485***
U HAUL	***500 PAUL DR***	***113***	***500***
RICHWOOD DESIGNS	1474 EGBERT AVENUE	114	507
PACIFIC BELL	***6150 3RD STREET***	***119***	***516***
PACIFIC BELL	***100 PAUL AVE***	***120***	***529***
T-MOBILE USA INC	200 PAUL AVE, BLDG D	121	534
RH MACY & COMPANY IN	***200 PAUL AVE***	***121***	***535***
200 PAUL AVENUE LLC,	200 PAUL AVE, BLDG F	121	536
QWEST COMMUNICATIONS	200 PAUL AVENUE	121	536
SAN FRANCISCO WAVE E	200 PAUL AVE, &400 B	121	537
ASTOUND BROADBAND	200 PAUL AVENUE	121	537
LEVEL 3 COMMUNICATIO	200 PAUL AVENUE	121	537
XO COMMUNICATIONS IN	200 PAUL AVENUE	121	537
VERIZON GLOBAL NETWO	200 PAUL AVENUE	121	538
16578 CITY AND COUNT	6199 3RD ST	126	546
DEWEY PEST CONTROL	***6300 3RD STREET***	***145***	***576***
SEARS HOME IMPROVEME	15 MILL STREET	156	591
PACIFIC BELL	***1655 VISITACION AVEN***	***177***	***618***
CITY OF DALY CITY	850 SADDLEBACK DRIVE	204	638
COW PALACE	GENEVA AVENUE AND SA	205	639
J & M AUTO BODY SHOP	620 CARTER STREET	211	650
VERIZON WIRELESS GEN	2200 GENEVA AVE 2600	212	654
NORTH BAY PACIFIC TH	***607 CARTER STREET***	***219***	***663***
VERIZON WIRELESS (GE	2600 GENEVA AVENUE	220	670
CITY OF DALY CITY	450 MARTIN STREET	225	676

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 12/11/2016 has revealed that there are 30 ECHO sites within the searched area.

Site	Address	Map ID	Page
BP 00230	***2190 CARROLL ST***	***7***	***27***
WALGREENS #1626	***2494 SAN BRUNO AVE***	***12***	***51***
AVENUE FRENCH CLEANE	***2544 SAN BRUNO AVE***	***17***	***60***
CITY COLLEGE OF SAN	***1960 CARROLL AVE***	***29***	***105***
COLORFAST PRINTING	***1900 CARROLL AVE***	***33***	***121***
FOUR MILE CLEANERS	***2200 LANE STREET***	***40***	***134***
GIAMPOLINI & CO	***1901 CARROLL AVE***	***43***	***151***
CITY SCREEN AND GRAP	***1955 CARROLL AVE***	***44***	***158***
BORELLO'S CLEANERS	***2695 SAN BRUNO AVENU***	***57***	***208***
LP TRUCKING CO	***88 BITTING AVE***	***64***	***224***
DANACOLORS INC	***1833 EGBERT AVE***	***70***	***237***
ARMSTRONG PLACE SENI	***5600 THIRD ST***	***71***	***241***
CCSF - HOUSING AUTHO	***1815 EGBERT ST***	***73***	***259***
TWIGS THE	***5700 3RD ST***	***78***	***274***

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
CITY SERVICE	*2800 SAN BRUNO AVE*	*80*	*285*
E BUTLER TRUCKING IN	*1485 BAYSHORE BLVD S*	*84*	*301*
COCA-COLA USA	*5800 3RD ST.*	*89*	*317*
ARCO 2056	*2990 SAN BRUNO AVE*	*105*	*442*
CELLCO - COSTA BRAVA	*1575 BAYSHORE AVE.*	*107*	*470*
LEEG AND CO INC	*1485 BAYSHORE BLVD*	*107*	*480*
AL CURRY TRUCKING	*1485 BAYSHORE BLVD*	*107*	*481*
AL CURRY TRUCKING	*1485 BAYSHORE BLVD R*	*107*	*484*
CAMKAL INDUSTRIAL TR	*1485 BAYSHORE BLVD*	*107*	*485*
U HAUL	*500 PAUL DR*	*113*	*500*
PACIFIC BELL	*6150 3RD STREET*	*119*	*516*
PACIFIC BELL	*100 PAUL AVE*	*120*	*529*
RH MACY & COMPANY IN	*200 PAUL AVE*	*121*	*535*
DEWEY PEST CONTROL	*6300 3RD STREET*	*145*	*576*
PACIFIC BELL	*1655 VISITACION AVEN*	*177*	*618*
NORTH BAY PACIFIC TH	*607 CARTER STREET*	*219*	*663*

STATE AND LOCAL RECORDS

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within the searched area.

Site	Address	Map ID	Page
SAN FRANCISCO DESIGN	*1775 EGBERT AVE*	*76*	*266*

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within the searched area.

Site	Address	Map ID	Page
ASSOCIATED TRUCKING,	350-400 PAUL AVENUE	109	493

Database: SWF/LF (SWIS), Date of Government Version: 11/14/2016
Facility ID: 38-AA-0016
Operational Status: Closed
Regulation Status: Notification

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 11/14/2016 has revealed that there is 1 NPDES site within the searched area.

Site	Address	Map ID	Page
LANDMARK Facility Status: Terminated	LILY COURT AT SILVER	228	678

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 21 HIST CORTESE sites within the searched area.

Site	Address	Map ID	Page
ARCO #0230 Reg Id: 38-0020	***2190 CARROLL STREET***	***7***	***32***
O'KEEFE, INC. Reg Id: 38-0509	***75 WILLIAMS AVE***	***23***	***78***
SIRUS INVESTMENT CO. Reg Id: 38-0184	***2540 NEWHALL STREET***	***25***	***85***
LUCKY LAGER (FORMER) Reg Id: 38-0205	***2601 NEWHALL STREET***	***26***	***98***
ARMANINO FARMS (FORM Reg Id: 38-0030	***1900 CARROLL AVE***	***33***	***119***
COMMERCIAL/WAREHOUSE Reg Id: 38-1464	***1955 CARROLL AVENUE***	***44***	***155***
BORELLO'S DRY CLEANE Reg Id: 38-1355	***2695 SAN BRUNO AVENU***	***57***	***193***
UNOCAL Reg Id: 38-0410	5545 3RD	62	217
SF PUBLIC HOUSING DE Reg Id: 38-0298	***1815 EGBERT AVE***	***73***	***249***
COCA-COLA Reg Id: 38-0881	***5800 3RD STREET***	***89***	***315***
UNOCAL STATION #6097 Reg Id: 38-0400	***2895 SAN BRUNO AVE***	***92***	***345***
DEVINCENZI TRUCKING Reg Id: 38-0134	***1598 CARROLL AVE***	***96***	***350***
SWISS AMERICAN SAUSA Reg Id: 38-0363	***5990 3RD ST***	***103***	***396***
EXXON RAS #7-8959 Reg Id: 38-0467 Reg Id: 38-1326	***2985 SAN BRUNO AVE***	***104***	***420***
ARCO STATION #2056	***2990 SAN BRUNO AVE***	***105***	***443***

Reg Id: 38-0021			
U-HAUL FACILITY	***1575 BAYSHORE BL***	***107***	***465***
Reg Id: 38-0376			
SALES MART	***1485 BAYSHORE BLVD***	***107***	***476***
Reg Id: 38-0255			
ALLWOOD DOOR COMPANY	***6000 3RD***	***110***	***494***
Reg Id: 38-0600			
COMMERCIAL BUILDING	6199 3RD	126	549
Reg Id: 38-1473			
WOODROW WILSON HIGH	***400 MANSELL STREET***	***148***	***579***
Reg Id: 38-0659			
COW PALACE	***GENEVA AVE***	***206***	***643***
Reg Id: 41-0370			

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 12/12/2016 has revealed that there is 1 SWRCY site within the searched area.

Site	Address	Map ID	Page
REPLANET LLC	345 WILLIAMS AVE	13	53
Cert Id: RC156684.001			

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 39 LUST sites within the searched area.

Site	Address	Map ID	Page
ARCO # 00230	2190 CARROLL STREET	7	30
Database: LUST REG 2, Date of Government Version: 09/30/2004			
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008			
Facility Id: 38-0020			
Facility Status: Post remedial action monitoring			
Facility Id: 38-0020			
Facility Status: Remedial action (cleanup) Underway			
ARCO #0230	***2190 CARROLL STREET***	***7***	***32***
Database: LUST, Date of Government Version: 12/12/2016			
Status: Completed - Case Closed			
Global Id: T0607500019			
O'KEEFE, INC.	***75 WILLIAMS AVE***	***23***	***78***
Database: LUST REG 2, Date of Government Version: 09/30/2004			
Database: LUST, Date of Government Version: 12/12/2016			
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008			

Status: Completed - Case Closed
Facility Id: 38-0509
Facility Status: Case Closed
Facility Id: 38-0509
Facility Status: Case Closed
Global Id: T0607500455
date9: 6/13/1994

SIRUS INVESTMENT CO. ***2540 NEWHALL STREET*** ***25*** ***85***
Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed
Global Id: T0607500159

SIRUS INVESTMENT CO. 2540 NEWHALL STREET 25 88
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Facility Id: 38-0184
Facility Status: Case Closed
Facility Id: 38-0184
Facility Status: Case Closed
date9: 6/5/1997

LUCKY LAGER (FORMER) 2601 NEWHALL STREET 26 95
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Facility Id: 38-0205
Facility Status: Case Closed
Facility Id: 38-0205
Facility Status: Case Closed
date9: 10/17/1997

LUCKY LAGER (FORMER) ***2601 NEWHALL STREET*** ***26*** ***98***
Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed
Global Id: T0607500175

ARMANINO FARMS, INC. ***1900 CARROLL AVE*** ***33*** ***115***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Facility Id: 38-0030
Facility Status: Case Closed
Facility Id: 38-0030
Facility Status: Case Closed
date9: 6/5/1997

ARMANINO FARMS (FORM ***1900 CARROLL AVE*** ***33*** ***119***
Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed
Global Id: T0607500028

COMMERCIAL/WAREHOUSE ***1955 CARROLL AVENUE*** ***44*** ***155***
Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed
Global Id: T0607501348

COMMERCIAL/WAREHOUSE 1955 CARROLL AVENUE 44 163
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Facility Id: 38-2164
Facility Status: Case Closed

Facility Id: 02-499-026
Facility Status: Case Closed
date9: 11/17/1999

WEST COAST	2230 LANE STREET	48	172

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-0427
Facility Status: Case Closed
Facility Id: 38-0427
Facility Status: Case Closed
Global Id: T0607500378
date9: 11/10/1993

BORELLO'S DRY CLEANE	***2695 SAN BRUNO AVENU***	***57***	***193***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-1355
Facility Status: Preliminary site assessment underway
Facility Id: 38-1355
Facility Status: Leak being confirmed
Global Id: T0607501240

UNOCAL STATION	5545 03RD ST	62	218

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-0410
Facility Status: Case Closed
Facility Id: 38-0410
Facility Status: Case Closed
Global Id: T0607500362
date9: 7/11/1994

SF PUBLIC HOUSING DE	***1815 EGBERT AVE***	***73***	***249***

Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed
Global Id: T0607500262

SF PUBLIC HOUSING DE	1815 EGBERT AVE	73	250

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Facility Id: 38-0298
Facility Status: Case Closed
Facility Id: 38-0298
Facility Status: Case Closed
date9: 6/13/1996

JOHN MARINO'S SERVIC	***2800 SAN BRUNO AVE***	***80***	***281***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 38-2293

SUNRISE AUTO SERVICE	***2800 SAN BRUNO AVE***	***80***	***290***

Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed

Global Id: T0607525421

COCA-COLA USA ***5800 THIRD ST*** ***89*** ***322***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-0881
Facility Status: Case Closed
Facility Id: 38-0881
Facility Status: Case Closed
Global Id: T0607500776
date9: 6/26/1997

UNOCAL STATION ***2895 SAN BRUNO AVE*** ***92*** ***341***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Facility Id: 38-0400
Facility Status: Case Closed
Facility Id: 38-0400
Facility Status: Case Closed
date9: 11/17/1994

UNOCAL STATION #6097 ***2895 SAN BRUNO AVE*** ***92*** ***345***
Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed
Global Id: T0607500352

DEVINCENZI TRUCKING ***1598 CARROLL AVE*** ***96*** ***350***
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-0134
Facility Status: Case Closed
Global Id: T0607500118

A.M. DEVINCENZI CO. ***1598 CARROLL AVE*** ***96*** ***353***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 38-0134
Facility Status: Case Closed
date9: 8/3/1995

EXXON RAS #7-8959 ***2985 SAN BRUNO AVE*** ***104*** ***420***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-0467
Facility Id: 38-1326
Facility Status: Case Closed
Facility Status: Remedial action (cleanup) Underway
Facility Id: 38-1326
Facility Status: Leak being confirmed
Global Id: T0607501211
Global Id: T0607500416
date9: 7/24/1994

ARCO STATION #2056 ***2990 SAN BRUNO AVE*** ***105*** ***443***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008

Status: Completed - Case Closed
Facility Id: 38-0021
Facility Status: Pollution Characterization
Facility Id: 38-0021
Global Id: T0607500020

SWISS AMERICAN SAUSA 5990 03RD ST 106 455
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-0363
Facility Status: Case Closed
Facility Id: 38-0363
Facility Status: Case Closed
Global Id: T0607500321
date9: 7/11/1994

U-HAUL FACILTY #708- 1575 BAYSHORE BL. 107 463
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Facility Id: 38-2146
Facility Status: Case Closed
Facility Id: 02-200-005
Facility Status: Case Closed
date9: 12/5/2002

U-HAUL FACILITY ***1575 BAYSHORE BL*** ***107*** ***465***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-0376
Facility Status: Case Closed
Facility Id: 38-0376
Facility Status: Case Closed
Global Id: T0607500333
Global Id: T0607543224
date9: 2/14/1997

SALES MART ***1485 BAYSHORE BLVD*** ***107*** ***476***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed
Facility Id: 38-0255
Facility Status: Case Closed
Global Id: T0607500220
date9: 6/14/1993

ALLWOOD DOOR CO. 6000 03RD ST 110 495
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-0600
Facility Status: Case Closed
Facility Id: 38-0600
Facility Status: Case Closed

Global Id: T0607500523
date9: 8/7/1998

COMMERCIAL 202 PAUL AVENUE 118 510
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-2065
Facility Status: Case Closed
Facility Id: 02-101-001
Facility Status: Case Closed
Global Id: T0607591854
date9: 11/30/2000

COMMERCIAL 6199 03RD ST. 128 552
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Status: Completed - Case Closed
Facility Id: 38-1473
Facility Status: Pollution Characterization
Facility Id: 38-1473
Facility Status: Leak being confirmed
Global Id: T0607501357

FORMER AUTO REPAIR F 6201 3RD STREET 131 560
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 38-2285
Facility Status: Leak being confirmed

FORMER AUTO REPAIR F 6201 3RD STREET 131 561
Database: LUST, Date of Government Version: 12/12/2016
Status: Open - Eligible for Closure
Global Id: T0607539961

WOODROW WILSON HIGH ***400 MANSELL STREET*** ***148*** ***579***
Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed
Global Id: T0607500578

WOODROW WILSON HIGH 400 MANSELL STREET 148 586
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: SAN FRANCISCO CO. LUST, Date of Government Version: 09/19/2008
Facility Id: 38-0659
Facility Status: Case Closed
Facility Id: 38-0659
Facility Status: Case Closed
date9: 3/11/1996

COW PALACE 0 GENEVA 209 645
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 12/12/2016
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0608100352
date9: 1/4/1995

COW PALACE ***2600 GENEVA*** ***220*** ***665***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/15/2017

Facility Id: 220022
Facility Status: 9- Case Closed
Global ID: T0608100352

HILLSIDE VILLAGE AKA ***0 CARTER & MARTIN*** ***221*** ***670***
Database: SAN MATEO CO. LUST, Date of Government Version: 03/15/2017
Facility Id: 229047
Facility Status: 9- Case Closed
Global ID: T0608130089

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 30 CA FID UST sites within the searched area.

Site	Address	Map ID	Page
ARCO #230 Facility Id: 38000061 Status: A	2190 CARROLL AVE	7	26
MAYTA & JENSEN Facility Id: 38002670 Status: A	***101 WILLIAMS AVE***	***19***	***73***
O'KEEFE, INC. Facility Id: 38001649 Status: A	***75 WILLIAMS AVE***	***23***	***78***
ALFRED HYMAN Facility Id: 38000226 Status: A	***2540 NEWHALL ST***	***25***	***90***
LUCKY LAGER BREWERY Facility Id: 38000246 Status: A	2601 NEWHALL ST	26	92
MAYTA & JENSEN Facility Id: 38000905 Status: A	***1790 YOSEMITE AVE***	***31***	***110***
ARMANINO FARMS, INC. Facility Id: 38000075 Status: A	***1900 CARROLL AVE***	***33***	***115***
THE SERTA BUILDING Facility Id: 38001680 Status: A	***1777 YOSEMITE AVE***	***45***	***168***
WEST COAST PLUMBING Facility Id: 38000461 Status: A	***2230 LANE ST***	***48***	***175***
DR MARTIN LUTHER KIN Facility Id: 38003728 Status: A	***350 GIRARD ST***	***56***	***190***
BORELLOS DRY CLEANER Facility Id: 38003532	***2695 SAN BRUNO AVE***	***57***	***199***

Status: A			
UNOCAL #3500-ALI'S U	***5545 3RD ST***	***62***	***215***
Facility Id: 38000430			
Status: A			
M & M REFRIGERATED T	***1828 EGBERT AVE***	***63***	***222***
Facility Id: 38001638			
Status: A			
DANACOLORS INC	***1833 EGBERT AVE***	***70***	***237***
Facility Id: 38002628			
Status: A			
****SF HOUSING AUTHORIT***	***1815 EGBERT AVE***	***73***	***254***
Facility Id: 38000337			
Status: A			
LORRIE DEB BLDG	***5700 3RD ST***	***78***	***275***
Facility Id: 38002711			
Status: A			
JOHN MARINO'S SERVIC	***2800 SAN BRUNO AVE***	***80***	***281***
Facility Id: 38000760			
Status: A			
COCA COLA CO.	***5800 3RD ST***	***89***	***320***
Facility Id: 38001704			
Status: A			
UNOCAL STATION	***2895 SAN BRUNO AVE***	***92***	***341***
Facility Id: 38000446			
Status: A			
A.M. DEVINCENZI CO.	***1598 CARROLL AVE***	***96***	***353***
Facility Id: 38000175			
Status: A			
SWISS AMERICAN SAUSA	5990 3RD ST	103	395
Facility Id: 38000402			
Status: A			
EXXON #78959	2985 SAN BRUNO AVE	104	418
Facility Id: 38000475			
Status: A			
GENERAL AUTO SERVICE	2990 SAN BRUNO AVE	105	454
Facility Id: 38000072			
Status: A			
BAYSHORE U-HAUL CENT	***1575 BAY SHORE BLVD***	***107***	***461***
Facility Id: 38005479			
Status: A			
SALES MART OFFICE BU	***1485 BAY SHORE BLVD***	***107***	***485***
Facility Id: 38001153			
Status: A			
PACIFIC BELL	***6150 3RD STREET***	***119***	***516***
Facility Id: 38004973			
Status: A			
VACANT	***1385 FITZGERALD AVE***	***124***	***539***
Facility Id: 38005244			
Status: A			
****REC&PK/NO.QT.TRAIN.***	***1 JOHN F KENNEDY DR***	***165***	***598***

Facility Id: 38005339
Status: A

GATTI NURSERY, INC.	***150 BRITTON ST***	***181***	***625***
Facility Id: 38005346 Status: A			
CITY OF DALY CITY	MARTIN & RIO VERDE S	227	678
Facility Id: 41004844 Status: A			

SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the SLIC list, as provided by EDR, has revealed that there are 2 SLIC sites within the searched area.

Site	Address	Map ID	Page
5700 3RD ST	5700 3RD ST	78	273
Database: SLIC, Date of Government Version: 12/12/2016 Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Status: Completed - Case Closed Facility Id: 38S0014 Global Id: T0607591570			
HILLSIDE VILLAGE AKA	***0 CARTER & MARTIN***	***221***	***670***
Database: SLIC, Date of Government Version: 12/12/2016 Facility Status: Completed - Case Closed Global Id: T0608130089			

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 39 UST sites within the searched area.

Site	Address	Map ID	Page
ARCO #230	2190 CARROLL AVE	7	20
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Database: UST, Date of Government Version: 09/12/2016 Facility Id: 26484 Facility Status: Active Facility Id: 6831			
ARCO #230	***2190 CARROLL AV***	***7***	***37***
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 6831			
CCSF/SFPD/BAYVIEW	201 WILLIAMS AV	16	57
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			

Facility Id: 28801
Facility Status: Active

MAYTA & JENSEN	101 WILLIAMS AV	19	72
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 7637			
PROPERTY	2565 SAN BRUNO AV	22	75
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 23689			
O'KEEFFES INC.	75 WILLIAMS AV	23	77
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 4555			
ALFRED HYMAN	2540 NEWHALL ST	25	86
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 24870			
LUCKY LAGER	2601 NEWHALL ST	26	100
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 24871			
MAYTA & JENSEN	1790 YOSEMITE AV	31	109
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 2276			
ARMANINO FARMS	1900 CARROLL AV	33	112
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 2706			
FOUR MILE CLEANERS	***2200 LANE ST***	***40***	***135***
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 482			
1955 CARROLL AV	1955 CARROLL AV	44	156
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 10882			
THE SERTA BUILDING	1777 YOSEMITE AV	45	165
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 9345			
WEST COAST	2230 LANE ST	48	171
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 2201			
SFUSD #513 - E.R.	423 BURROWS ST	55	185
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 11669			
SFUSD/#710 - DR.	350 GIRARD ST	56	191
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 11735			
PROPERTY	2695 SAN BRUNO AV	57	206
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 11899			
M & M REFRIGERATED	1828 EGBERT AV	63	220
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 9171			
DANACOLORS INC	***1833 EGBERT AVE***	***70***	***237***
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			

Facility Id: 24424

JAMAL HADDAD	***1518 E PALMDALE BLVD***	***73***	***252***
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Database: UST, Date of Government Version: 09/12/2016			
Facility Id: 2872			
Facility Id: 32042			
JOHN MARINO'S	2800 SAN BRUNO AV	80	283
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Facility Id: 3167			
TOSCO #31094	2895 SAN BRUNO AVE	92	332
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Database: UST, Date of Government Version: 09/12/2016			
Facility Id: 4820			
Facility Id: 4820			
CONOCOPHILLIPS CO.	2895 SAN BRUNO AV	92	335
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Facility Id: 26810			
Facility Status: Active			
DEVINCENZI	1598 CARROLL AV	96	355
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Facility Id: 1046			
MACY'S OF	200 PAUL AV	97	381
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Facility Id: 2830			
EXXON #78959	***2985 SAN BRUNO AVE***	***104***	***399***
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Database: UST, Date of Government Version: 09/12/2016			
Facility Id: 5632			
Facility Id: 5632			
VALERO #7959	2985 SAN BRUNO AV	104	409
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Facility Id: 26194			
Facility Status: Active			
GENERAL AUTO SERVICE	2990 SAN BRUNO AV	105	430
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Facility Id: 30973			
GENERAL AUTO SERVICE	***2990 SAN BRUNO AVE***	***105***	***435***
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Database: UST, Date of Government Version: 09/12/2016			
Facility Id: 7562			
Facility Status: Active			
Facility Id: 7562			
U-HAUL (BAYSHORE	1575 BAYSHORE BL	107	473
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Facility Id: 9069			
SALES MART OFFICE	1485 BAYSHORE BL	107	490
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			
Facility Id: 24145			
GIANNINI & HOLLAND	1474 EGBERT AV	114	503
Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016			

Facility Id: 23277			
SAN FRANCISCO WAVE Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 25441	202 PAUL AV	118	513
PACIFIC BELL Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 6679	***100 PAUL AVE***	***120***	***529***
VACANT Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 25262	1385 FITZGERALD AV	124	540
SFUSD/#884 - Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 11837	400 MANSELL ST	148	584
CCSF/REC & Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 24716 Facility Id: 24717	1 JOHN F. KENNEDY DR	165	599
SFUSD/#868 - Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 11748	450 RAYMOND AV	173	611
HOUSING Database: SAN FRANCISCO CO. UST, Date of Government Version: 11/16/2016 Facility Id: 24179	150 BRITTON ST	181	623

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 26 HIST UST sites within the searched area.

Site	Address	Map ID	Page
TIEN H LIN Facility Id: 00000026899	2190 CARROLL	7	15
ARMANINO FARMS INC Facility Id: 00000000172	1900 CARROLL AVE	33	126
WEST COAST PLUMBING Facility Id: 00000009904	2230 LANE ST	48	177
BORELLOS DRY CLEANER Facility Id: 00000066582	***2695 SAN BRUNO AVE***	***57***	***199***
CITY SERVICE ***SUNRISE AUTO SERVICE*** Facility Id: 00000024715	***2800 SAN BRUNO AVE*** ***2800 SAN BRUNO AVE***	***80*** ***80***	***285*** ***290***
A.M. DEVINCENZI TRUC Facility Id: 00000042376	BANCROFT & KEITH STS	87	308
AM DEVINCENZI TRUCKI	BANCROFT AND KEITH S	87	309
MISSION BAY LANDSCAP ***COCA-COLA USA*** Facility Id: 00000014483	***5800 THIRD ST #1404*** ***5800 THIRD ST***	***89*** ***89***	***319*** ***322***
UNION OIL SS 6097	2895 SAN BRUNO AVE	92	331

Facility Id: 00000060666			
UNION OIL SS6097 Facility Id: 00000030768	2895 SAN BRUNO AVE	92	334
U-HAUL COMPANY OF CA	***1505 BAYSHORE BLVD***	***93***	***347***
SAN FRANCISCO REPAIR Facility Id: 00000058897	1505 BAY SHORE BLVD	93	349
GENERAL AUTO SERVICE Facility Id: 00000049478	2990 SAN BRUNO AVE	105	453
EXXON SERVICE STATIO Facility Id: 00000023913	2986 SAN BRUNO AVE	105	454
U-HAUL FACILITY	***1575 BAYSHORE BL***	***107***	***465***
BAYSHORE U-HAUL CENT Facility Id: 00000058898	1575 BAY SHORE BLVD	107	472
PACIFIC BELL Facility Id: 00000016413	***6150 3RD STREET***	***119***	***516***
PACIFIC BELL (R4-033	6150 THIRD STREET	119	526
PACIFIC BELL (R4-626	***100 PAUL AVENUE***	***120***	***526***
PACIFIC BELL (R4-626 Facility Id: 00000016316	100 PAUL AVE	120	532
HOUSING CONSERVATION	***150 BRITTON ST***	***181***	***624***
GATTI NURSERY, INC. Facility Id: 00000031590	150 BRITTON ST	181	626
COW PALACE Facility Id: 00000053822 Facility Id: 00000056314	***GENEVA AVE***	***206***	***643***
MARTIN PUMP STATION Facility Id: 00000068720	400 MARTIN STREET	226	677

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 31 SWEEPS UST sites within the searched area.

Site	Address	Map ID	Page
ARCO #230 Status: A Tank Status: A Comp Number: 6831	***2190 CARROLL AV***	***7***	***37***
MAYTA & JENSEN Status: A Comp Number: 7637	***101 WILLIAMS AVE***	***19***	***73***
O'KEEFE, INC. Status: A Comp Number: 4555	***75 WILLIAMS AVE***	***23***	***78***
ALFRED HYMAN	***2540 NEWHALL ST***	***25***	***90***

Status: A Comp Number: 1870			
LUCKY LAGER (FORMER) Comp Number: 9645	***2601 NEWHALL STREET***	***26***	***98***
MAYTA & JENSEN Status: A Comp Number: 2276	***1790 YOSEMITE AVE***	***31***	***110***
ARMANINO FARMS, INC. Status: A Comp Number: 2706	***1900 CARROLL AVE***	***33***	***115***
THE SERTA BUILDING Status: A Comp Number: 9345	***1777 YOSEMITE AVE***	***45***	***168***
WEST COAST PLUMBING Status: A Comp Number: 2201	***2230 LANE ST***	***48***	***175***
DR MARTIN LUTHER KIN Status: A Comp Number: 581	***350 GIRARD ST***	***56***	***190***
BORELLOS DRY CLEANER Status: A Tank Status: A Comp Number: 3181	***2695 SAN BRUNO AVE***	***57***	***199***
UNOCAL #3500-ALI'S U Comp Number: 3075	***5545 3RD ST***	***62***	***215***
M & M REFRIGERATED T Status: A Comp Number: 9171	***1828 EGBERT AVE***	***63***	***222***
DANACOLORS INC Status: A Comp Number: 7781	***1833 EGBERT AVE***	***70***	***237***
****SF HOUSING AUTHORIT*** Status: A Comp Number: 2872	***1815 EGBERT AVE***	***73***	***254***
LORRIE DEB BLDG Comp Number: 4047	***5700 3RD ST***	***78***	***275***
JOHN MARINO'S SERVIC Status: A Comp Number: 3167	***2800 SAN BRUNO AVE***	***80***	***281***
COCA COLA CO. Status: A Tank Status: A Comp Number: 2646	***5800 3RD ST***	***89***	***320***
UNOCAL STATION Status: A Tank Status: A Comp Number: 4820	***2895 SAN BRUNO AVE***	***92***	***341***
A.M. DEVINCENZI CO. Status: A	***1598 CARROLL AVE***	***96***	***353***

Comp Number: 1046			
SWISS AMERICAN SAUSA	***5990 3RD ST***	***103***	***396***
Status: A			
Comp Number: 8113			
EXXON #78959	***2985 SAN BRUNO AVE***	***104***	***399***
Status: A			
Tank Status: A			
Comp Number: 5632			
GENERAL AUTO SERVICE	***2990 SAN BRUNO AVE***	***105***	***435***
Status: A			
Tank Status: A			
Comp Number: 7562			
BAYSHORE U-HAUL CENT	***1575 BAY SHORE BLVD***	***107***	***461***
Status: A			
Tank Status: A			
Comp Number: 9069			
SALES MART OFFICE BU	***1485 BAY SHORE BLVD***	***107***	***485***
Status: A			
Tank Status: A			
Comp Number: 7543			
PACIFIC BELL	***6150 3RD STREET***	***119***	***516***
Status: A			
Comp Number: 1281			
VACANT	***1385 FITZGERALD AVE***	***124***	***539***
Status: A			
Comp Number: 811			
****REC&PK/NO.QT.TRAIN.***	***1 JOHN F KENNEDY DR***	***165***	***598***
Status: A			
Comp Number: 3948			
Comp Number: 5248			
GATTI NURSERY, INC.	***150 BRITTON ST***	***181***	***625***
Comp Number: 4105			
COW PALACE	P.O. BOX 34206/GENEV	207	644
Comp Number: 220087			
BAYSHORE PUMP STATIO	450 MARTIN ST	225	677
Status: A			
Tank Status: A			
Comp Number: 220067			

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 09/26/2016 has revealed that there are 19 CHMIRS sites within the searched area.

Site	Address	Map ID	Page
Not reported	2190 CARROLL ST.	7	12

OES Incident Number: 4-0473			
Not reported OES Incident Number: 1-3400	2190 CARROLL ST.	7	18
Not reported OES Incident Number: 9-1486	296 WILLIAMS AVE	11	46
Not reported OES Incident Number: 16342	2542 SAN BRUNO AVE,	17	65
Not reported OES Incident Number: 6637	350 GIRARD	56	192
Not reported OES Incident Number: 9-0711	2728 SAN BRUNO AVE	67	229
Not reported OES Incident Number: 16857	5600 3RD STREET GALV	71	242
Not reported OES Incident Number: 12-3424	2811 SAN BRUNO AVE	79	277
Not reported OES Incident Number: 1-6469	2401 KEITH ST.	83	296
EXXON RAS #7-8959 OES Incident Number: 1-1530	***2985 SAN BRUNO AVE***	***104***	***420***
Not reported OES Incident Number: 13-0955	350 PAUL AVE.	115	507
Not reported OES Incident Number: 1-3359	3207 SAN BRUNO AVE	141	573
Not reported OES Incident Number: 0443	400 MANSELL AVE WOOD	148	580
Not reported OES Incident Number: 6-4272	LE CONTE & 3RD ST.	161	593
Not reported OES Incident Number: 16424	2000 SUNNYDALE STREE	176	617
Not reported OES Incident Number: 5-2282	135 LAPHAN WAY AND R	194	633
Not reported OES Incident Number: 8-0744	29155 OAK WAY	217	657
Not reported OES Incident Number: 118921 Date Completed: 30-AUG-91	CALGARY STREET AND G	218	659
Not reported OES Incident Number: 7-4937	607 CARTER STREET	219	662

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there are 11 AST sites within the searched area.

Site	Address	Map ID	Page
ASTOUND BROADBAND	200 PAUL AVE	97	358
VERIZON BUSINESS: SQ	200 PAUL AVE STE 104	97	359

Site	Address	Map ID	Page
XO COMMUNICATIONS	200 PAUL AVE, STE 20	97	359
CENTURYLINK SAN FRAN	200 PAUL AVE	97	363
LEVEL 3 COMMUNICATIO	200 PAUL AVE	97	385
Not reported	200 PAUL ST #301 941	97	386
200 PAUL, LLC	***200 PAUL AVE***	***97***	***387***
T-MOBILE USA, INC SA	200 PAUL AVE	97	389
Not reported	200 PAUL AV #104 941	97	390
AT&T CALIFORNIA - R4	6150 3RD ST	119	525
COW PALACE	2600 GENEVA	220	666

MCS: Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the MCS list, as provided by EDR, and dated 12/12/2016 has revealed that there is 1 MCS site within the searched area.

Site	Address	Map ID	Page
PRESIDIO OF SAN FRAN Global Id: T0608592292 Status: Completed - Case Closed	1030 GIRARD STREET	154	590

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 12/16/2016 has revealed that there are 5 Notify 65 sites within the searched area.

Site	Address	Map ID	Page
ARCO SERVICE STATION	2190 CARROLL STREET	7	27
U-HAUL COMPANY OF SF	***1575 BAYSHORE BOULEV***	***107***	***458***
DOWNTOWN U-HAUL	1575 BAYSHORE BOULEV	107	470
SALESMART	1485 BAYSHORE BOULEV	107	480
COW PALACE	GENEVA AND SANT	206	644

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 10/31/2016 has revealed that there is 1 VCP site within the searched area.

Site	Address	Map ID	Page
COW PALACE	***GENEVA AVENUE AND SA***	***205***	***641***

Status: Refer: Local Agency
Facility Id: 41070008

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 09/02/2016 has revealed that there are 3 DRYCLEANERS sites within the searched area.

Site	Address	Map ID	Page
FOUR MILE CLEANERS EPA Id: CAL000300236	***2200 LANE ST***	***40***	***135***
CUT LOOSE INC EPA Id: CAL000341009	1780 ARMSTRONG AVE	50	182
BORELLO'S DRY CLEANE EPA Id: CAL000038032	***2695 SAN BRUNO AVENU***	***57***	***193***

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within the searched area.

Site	Address	Map ID	Page
SAN FRANCISCO DESIGN Database: RESPONSE, Date of Government Version: 10/31/2016 Status: Certified Facility Id: 38310001	***1775 EGBERT AVE***	***76***	***266***

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2015 has revealed that there are 192 HAZNET sites within the searched area.

Site	Address	Map ID	Page
LI YI LUO GEPAID: CAC002558424	63 MERCURY ST	1	4
KEVIN WU	460 ELMIRA ST	2	4

GEPAID: CAC002752740			
SEVERINO ENCARNACION GEPAID: CAL000135462	9 SILLIMAN ST	4	5
PHUONG NGUYEN DDS GEPAID: CAL000127210	9 SILLIMAN ST STE 2	4	7
BANK OF AMERICA GEPAID: CAC002669492	2485 SAN BRUNO AVE	6	10
BP WEST COAST PRODUC GEPAID: CAL000226007	2190 CARROLL ST	7	11
ARCO PRODUCTS COMPAN GEPAID: CAL000023649	2190 CARROLL STREET	7	14
BP 00230 GEPAID: CA0000204321	***2190 CARROLL ST***	***7***	***27***
2497 SAN BRUNO AVE L GEPAID: CAC002762518	2497 SAN BRUNO AVE	8	43
ARIELLE LIBERMAN GEPAID: CAC002757423	2497 SAN BRUNO AVE.	8	43
RICHARD PARODI, DDS GEPAID: CAL000104680	2497 SAN BRUNO AVE	8	44
NORETHA JONES GEPAID: CAC002815833	2042 BANCROFT AVE	10	46
WALGREENS GEPAID: CAC002568520	2494 SAN BRUNO AVE	12	50
WALGREENS #1626 GEPAID: CAL000323848	2494 SAN BRUNO AVE	12	52
CALA FOODS GEPAID: CAC000952984	345 WILLIAMS AVE	13	54
FOOD 4 LESS #351 GEPAID: CAL000325851	345 WILLIAMS AVE	13	55
ALEXANDER SAM GEPAID: CAC002797770	2027 BANCROFT AVE	14	57
AVENUE FRENCH CLEANE GEPAID: CAL000002220	2544 SAN BRUNO AVE	17	61
O'REILLY AUTO PARTS GEPAID: CAL000392451	2500 SAN BRUNO AVE	17	67
KRAGEN #1668 GEPAID: CAL000147875	2500 SAN BRUNO AVE	17	69
TRACEYS FLOOR COMPAN GEPAID: CAC001070208	2541 SAN BRUNO AVENU	18	71
1X GENERAL BREWING C GEPAID: CAD982515777	2601 NEWHALL STREET	26	94
NORTH EAST MEDICAL S GEPAID: CAL000379057	2574 SAN BRUNO AVE	27	103
NORTHEAST MEDICAL SE GEPAID: CAC002623174	2574 SAN BRUNO AVE	27	103
RAYMOND GRINSELL	230 BRUSSELS ST	28	104

GEPAID: CAC002707939			
SAL BALISTRERI GEPAID: CAC002231073	1950 CARROLL AVE	29	105
CCSF MAINTENANCE FAC GEPAID: CAR000014712	1960 CARROLL AVE	29	107
FRIENDSHIP PRINTING GEPAID: CAL000293218	1900 CARROLL AVE	33	112
QUADRA COLOR GEPAID: CAL000200355	1900 CARROLL AVE	33	114
COLORFAST PRINTING GEPAID: CAR000034769	***1900 CARROLL AVE***	***33***	***121***
CUNNINGHAM GRAPHICS GEPAID: CAC002551063	1900 CARROLL AVE	33	125
Q Q PRINTING GEPAID: CAL000253387	1900 CARROLL AVE	33	127
ELIZABETH HAYES GEPAID: CAC002826894	238 GOETTINGEN ST	36	132
STEVE YEE GEPAID: CAC002784974	220 BURROWS ST	38	132
FOUR MILE CLEANERS GEPAID: CAD981613904	***2200 LANE ST***	***40***	***135***
BORSIAN CABINETS GEPAID: CAL000034396	1775 YOSEMITE AVENUE	41	145
NORTH EAST MEDICAL S GEPAID: CAC002810230	2629 SAN BRUNO AVE	42	151
GIAMPOLINI & CO GEPAID: CAD982446320	***1901 CARROLL AVE***	***43***	***151***
EASTWIND GRAPHICS GEPAID: CAL000126411	1955 CARROLL AVE	44	154
RANDOLPH P COHN GEPAID: CAC001332368	1955 CARROL AVE	44	158
CITY SCREEN AND GRAP GEPAID: CAR000034306	***1955 CARROLL AVE***	***44***	***158***
RISING STAR PRINTING GEPAID: CAL000191937	1955 CARROLL AVE	44	161
RANDOLPH COHN GEPAID: CAC001476600	1955 CARROLL AVE	44	165
PRESERVATION PROPERT GEPAID: CAC002742142 GEPAID: CAC001378568	1777 YOSEMITE AVE.	45	167
PRESERVATION PROPERT GEPAID: CAC002229913	1777 YOSEMITE AVE	45	169
THE NOB HILL COMPANY GEPAID: CAC002647233	1790 ARMSTRONG AVE	50	183
TACK CORPORATION GEPAID: CAC001248712	5411 3RD ST	54	184
ASBESTOS CONTROL PRO	423 BURROWS ST	55	186

GEPAID: CAL912623674			
ASBESTOS CONTROL PRO GEPAID: CAD982337651	350 GIRARD ST	56	188
ROBERT GRENBERG GEPAID: CAC002573598	2695 SAN BRUNO AVE	57	197
ROBERT GREENBERG GEPAID: CAC002485391	2695 SAN BRUNO AVE	57	199
ROBERT GREENBERG GEPAID: CAC002556893	2695 SAN BRUNO AVE	57	209
AUGUSTINE MARTINEZ GEPAID: CAC002551407	2685 SAN BRUNO AVE	57	212
ARMSTRONG TRUCK EQUI GEPAID: CAL000168576	1730 ARMSTRONG AVE	58	213
ADELINE SILVA GEPAID: CAC002785666	124 BACON ST	60	214
SAN FRANCISCO SELF S GEPAID: CAC002649144	1828 EGBERT AVE	63	223
LOCAL UNION # 38 GEPAID: CAC002649927	2660 NEWHALL ST	65	225
GLAZIERS OFFICE BUIL GEPAID: CAC459300025	2660 NEWHALL ST.	65	226
JOSEPH MAZZOLA GEPAID: CAC002635619	2660 NEWHALL ST	65	226
SAN FRANCISCO HOUSIN GEPAID: CAC002279393	1818 EGBERT AVE	66	227
DR JUSTIN TIN, DDS GEPAID: CAL000175830	2748 SAN BRUNO AVE	67	228
SCOTT HSIANG-EN TSUI GEPAID: CAC002780289	341 HOLYOKE ST	68	231
CALIFORNIA FLEET WOR GEPAID: CAL920573101	1623 YOSEMITE STREET	69	231
K.K. GRAPHICS GEPAID: CAL000194400	1825 A EGBERT AVE	70	232
CALIFORNIA PAINT COM GEPAID: CAL000298234	1833 EGBERT AVE	70	235
BRIDGE HOUSING CORP. GEPAID: CAC002601279	5600 3RD ST	71	241
ARMSTRONG PLACE SENI GEPAID: CAD009113929	***5600 THIRD ST***	***71***	***243***
KORTICK MFTG CO GEPAID: CAC002331281	5600 3RD ST	71	246
CCSF-H A MAINTENANCE GEPAID: CAL000013371 GEPAID: CAC002730236	1815 EGBERT AVE	73	247
STONUM & CO GEPAID: CAL000023396	1775 EGGBERT	76	264
RICHARD L. DICKINSON	1775 EGBERT ST	76	265

GEPAID: CAL000105457			
SAN FRANCISCO DESIGN GEPAID: CAC002813819	***1775 EGBERT AVE***	***76***	***266***
SILVIA THEIN GEPAID: CAC002838356	431 BACON ST	77	272
DELANCEY STREET FOUN GEPAID: CAL000295907	5700 3RD ST	78	277
CITY SERVICE GEPAID: CAD983599663	***2800 SAN BRUNO AVE***	***80***	***285***
CITY SERVICE GEPAID: CAL000094186	2800 SAN BRUNO AVE	80	288
ANDREW M JORDAN INC GEPAID: CAL000334131	1755 EGBERT AVE	81	294
CCSF-DPH SOUTHEAST H GEPAID: CAL000013412	2401 KEITH ST	83	297
ARCHDIOCESE OF SAN F GEPAID: CAC002182040	449 HOLYOKE ST	85	305
PORTOLA FOOT CLINIC GEPAID: CAL000123105	2858 SAN BRUNO AVE	86	305
DR DIVYANG PATEL, DP GEPAID: CAL000100605	2858 SAN BRUNO AVE	86	307
CONOCO PHILLIPS #256 GEPAID: CAL000276950	2895 SAN BRUNO AVE	88	309
TOSCO CORPORATION SS GEPAID: CAL000161443	2895 SAN BRUNO AVE	88	311
SAM'S UNION (SAM MIZ GEPAID: CAL000063503	2895 SAN BRUNO	88	313
UNOCAL SERVICE STATI GEPAID: CAD982059800	2895 SAN BRUNO AVE	88	314
2861-73 SAN BRUNO LL GEPAID: CAC002775821	2895 SAN BRUNO AVE	88	315
SAN FRANCISCO 3RD ST GEPAID: CAC002620927	5800 3RD ST	89	318
1X COCA COLA USA GEPAID: CAC000273929	5800 3RD STREET	89	320
COCA COLA CO. GEPAID: CAL000389431	***5800 3RD ST***	***89***	***320***
CARROLLS STATION GEPAID: CAC002642393	5800 3RD ST	89	326
COCA-COLA USA GEPAID: CAD086606993	5800 THIRD STREET	89	327
CARROLL AVENUE SENIO GEPAID: CAC002770284	1751 CARROLL AVE	90	329
U-HAUL COMPANY OF CA GEPAID: CAD981426497	***1505 BAYSHORE BLVD***	***93***	***347***
ANNE ABELA	558 BRUSSELS ST	95	350

GEPAID: CAC002819472			
MACYS PAUL AVE DIST GEPAID: CAL931533219	200 PAUL AVENUE	97	363
THE CAMBAY GROUP INC GEPAID: CAC000744928	200 PAUL AVE	97	382
LEVEL 3 COMMUNICATIO GEPAID: CAC002590085 GEPAID: CAC002737076	200 PAUL AVE	97	383
THE CAMBAY GROUP, IN GEPAID: CAC001471448	***200 PAUL AVE***	***97***	***384***
DIGITAL REALTY TRUST GEPAID: CAC002764920	200 PAUL AVE	97	386
200 PAUL, LLC GEPAID: CAC002773210	***200 PAUL AVE***	***97***	***387***
400 PAUL WAVE EXCHAN GEPAID: CAC002841505 GEPAID: CAC002788409	400 PAUL AVE	98	393
ROBERT ATTIENZA GEPAID: CAC001204616	630 GIRARD	101	394
YAN WONG GEPAID: CAC002663844	586 SOMERSET ST	102	394
EXXON CO USA #78993 GEPAID: CAD981411804	2985 SAN BRUNO/PAUL	104	415
VALERO REFINING COMP GEPAID: CAL000191583	2985 SAN BRUNO AVE	104	417
BP WEST COAST PRODUC GEPAID: CAL000260828	2990 SAN BRUNO AVE	105	451
M FISHER & SON GEPAID: CAC002200201	1485 BAYSHORE BLVD	107	478
FISHER DEVELOPMENT I GEPAID: CAC001139776	1485 BAYSHORE BLVD	107	482
SAN FRANCISCO RENTS GEPAID: CAC002619707	***1485 BAYSHORE BLVD***	***107***	***487***
SF RENTS GEPAID: CAC002602497	1485 BAYSHORE BLVD	107	489
ALLWOOD DOOR COMPANY GEPAID: CAP000234484	***6000 3RD***	***110***	***494***
ALLWOOD DOOR CO GEPAID: CAC000949152	6000 THIRD ST	111	498
ROBERT HOWELL/ALL WO GEPAID: CAC002689080	6000 3RD ST	111	499
JOSEPH THOMAS GEPAID: CAC002698424	656 GOETTINGEN ST	112	499
U HAUL GEPAID: CAR000057661	***500 PAUL DR***	***113***	***500***
GIANNINI & HOLLAND GEPAID: CAC001428928	1474 EGBERT	114	502
EBER INTERNATIONAL	350 PAUL AVE	115	508

GEPAID: CAC002367703			
SAN FRANCISCO WAVE E GEPAID: CAC002281113	202 PAUL AVE	118	515
PACIFIC BELL TELEPHO GEPAID: CAT080015662	6150 3RD ST	119	523
PACIFIC BELL (R4-626 GEPAID: CAR000099887	***100 PAUL AVENUE***	***120***	***526***
PACIFIC BELL GEPAID: CAC002125472	100 PAUL AVE	120	533
BETTY SAGE GEPAID: CAC002703576	532 DWIGHT ST	122	538
ELDONS FIVE STAR TRA GEPAID: CAL000389369	1375 FITZGERALD AVE	124	539
JAMIE MALICDEN GEPAID: CAC002821615	1069 BOWDOIN ST	125	542
BTP 6199 3RD LLC GEPAID: CAL000325285	6199 3RD ST	126	542
MARTINA SEPAHER GEPAID: CAC001321848	6199 3RD ST	126	544
MARTINA SEPAHER/LAUR GEPAID: CAC002485375	6199 3RD STST	126	546
MARTINA SEPAHER GEPAID: CAC002573596	6199 3RD ST	126	547
MARTINA SEPAHER GEPAID: CAC002556892	6199 3RD ST	126	549
LJL MORTGAGE POOL GEPAID: CAC002692929	208 OLMSTEAD ST	127	551
ROMAN PETRY GEPAID: CAC002838714	232 OLMSTEAD ST	129	559
MOHAMMED & ANNA IQBA GEPAID: CAC002574777	***6201 3RD ST***	***131***	***560***
ESTHER GALLEGOS GEPAID: CAC002661364	668 COLBY ST	134	570
DAVID FROEHLICH GEPAID: CAC002790301	55 EXETER ST	135	570
VIVIAN JONES GEPAID: CAC002752375	1355 GILMAN AVE	137	571
CAROLYN DAVIS GEPAID: CAC002691728	70 GOULD ST	138	571
MATT & DAWN WEBB GEPAID: CAC002839073	865 DWIGHT ST	140	573
CLEAR CHANNEL OUTDOO GEPAID: CAC002605368	3275 SAN BRUNO AVE	143	575
CORA MAYS GEPAID: CAC002801139	920 GOETTINGEN ST	146	578
ASBESTOS CONTROL PRO	400 MANSELL ST	148	582

GEPAID: CAD982337610			
MICHAEL MCCARTHY GEPAID: CAC002775666	956 GOETTINGEN ST	150	588
SMITH, GREGORY GEPAID: CAC002729725	1015 GIRARD ST	151	588
ALBERT, DOREPHA GEPAID: CAC002736851	825 UNIVERSITY ST	152	589
GEORGE WONG GEPAID: CAC002833181	857 COLBY ST	153	589
STEVEN TONG GEPAID: CAC002806635	820 MANSELL ST	155	590
QUIN QING ZHAO GEPAID: CAC002735950	1056 GIRARD ST	158	592
ROSS FUJIMOTO GEPAID: CAC002825383	1027 GOETTINGEN ST	159	592
MARIANA FOLBERG GEPAID: CAC002833080	327 ORDWAY ST	160	593
SAN FRANCISCO USD-EL GEPAID: CAL912614684	70 DELTA ST	162	594
THERD AND LE CONTE A GEPAID: CAC002657353	6600 3RD ST	163	596
LANCE COTTON GEPAID: CAC002828400	2 ANKENY ST	164	597
LANCE COTTON GEPAID: CAC002827838	2 ANKENY ST	164	597
CITY OF SAN FRANCISC GEPAID: CAC000959848	1 JOHN F SHELLY DR	165	602
EDGAR'S MOBILE LUBE GEPAID: CAL000293019	1140 BRUSSELS ST	166	602
BERNICE MARTINEZ GEPAID: CAC002203449	488 WILDE ST	167	604
XIE, SHIRLEY GEPAID: CAC002741268	182 TUCKER AVE	168	606
JOHN W KING SENIOR C GEPAID: CAC001323272	500 RAYMOND AVE	171	608
ROSA VASQUEZ GEPAID: CAC002675471	386 ARLETA AVE	172	609
ASBESTOS CONTROL PRO GEPAID: CAD982337776	450 RAYMOND AVE	173	609
SAN FRANCISCO HOUSIN GEPAID: CAC002646168 GEPAID: CAL000348911	1654 SUNNYDALE AVE	176	613
1X SAN FRANCISCO HOU GEPAID: CAC000840192	1652 SUNNYDALE AVE	176	615
SAN FRANCISCO HOUSIN GEPAID: CAC001069784	1654 SUNNYDALE AVENU	176	615
SAN FRANCISCO HOUSIN	1654 SUNNYDALE	176	616

GEPAID: CAC001399896			
HOUSING AUTHORITY CN GEPAID: CAC002135833	1825 SUNNYDALE AVEW	178	620
SAN FRANCISCO HOUSIN GEPAID: CAC002563076	1629 SUNNYDALE	179	621
1X SAN FRANCISCO HOU GEPAID: CAC000840184	1651 SUNNYDALE AVE	179	621
HOUSING CONSERVATION GEPAID: CAC001052576	***150 BRITTON ST***	***181***	***624***
CATHLEEN IGNACIO GEPAID: CAC002751001	182 REY ST	184	627
SAN FRANCISCO HOUSIN GEPAID: CAC002809634	213 BLYTHEDALE AVE	185	628
SUNNYDALE GEPAID: CAC001482048	133 BLYTHDALE ST.	187	629
CHARLES KUSUMA GEPAID: CAC002727751	221 ARGONAUT AVE	189	631
MARIA MOSCARDINI GEPAID: CAC002722312	238 BROOKDALE AVE.	190	631
LOMBAYE YARNWAY GEPAID: CAC002673624	32 BURR AVE	192	632
VELASCO HOUSING DEVE GEPAID: CAC002625460	626 VELASCO AVE	193	632
CCSF - SAN FRANCISCO GEPAID: CAC002578179	640 VELASCO RD	193	633
LEI QI MIN GEPAID: CAC002701199	124 GARRISON AVE	195	634
MERCY HOUSING CALIFO GEPAID: CAC002564177	560 CARTER	196	635
RUDY CASTENADA GEPAID: CAC002834772	76 ESQUINA DR	197	635
JANE HAMMERSTEAD GEPAID: CAC002815795	148 LAPHAM WAY	198	636
AUREA MARIANO GEPAID: CAC002664411	65 CARRIZAL ST	199	636
MOY, SUY-TING GEPAID: CAC002769585	23 CASTILLO ST	200	637
COW PALACE GEPAID: CAL000047130	GENEVA AVE & SANTOS	205	639
JUDE O'NEIL GEPAID: CAC000885200	80 ROBINSON DR	208	644
J & M COLLISION CENT GEPAID: CAL000325568	620 CARTER ST	211	647
THEE AFFORDABLE BRAK GEPAID: CAL000128392	620 CARTER STREET	211	650
THE PACIFICA GROUP L	2665 GENEVA AVE	214	654

GEPAID: CAC002665463			
P G & E GEPAID: CAC002620405	607 CARTER ST	219	660
SYUFY ENTERPRISES GEPAID: CAC002552242	607 CARTER ST	219	661
COW PALACE GEPAID: CAC002621526	2600 GENEVA AVE	220	666
I-A DISTRICT AGRICUL GEPAID: CAL000351103	2600 GENEVA AVE	220	669
CITY OF DALY CITY GEPAID: CAC001355592	463 MARTIN	222	671
HASKING EQUIPMENT CO GEPAID: CAC001352520	506 ALEXIS CIRCLE	223	672

EMI: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2014 has revealed that there are 29 EMI sites within the searched area.

Site	Address	Map ID	Page
AVENUE FRENCH CLEANE Facility Id: 5009	2544 SAN BRUNO AVENU	17	63
O'KEEFFE'S INC Facility Id: 9732	75 WILLIAMS AVENUE	23	82
COLORFAST PRINTING Facility Id: 14338 Facility Id: 11725	***1900 CARROLL AVE***	***33***	***121***
CITY SCREEN & GRAPHI Facility Id: 20259	1955 CARROLL AVENUE	35	130
FOUR MILE CLEANERS Facility Id: 1592	***2200 LANE ST***	***40***	***135***
YOUNG'S CABINET Facility Id: 18978	1760 YOSEMITE AVENUE	41	146
CUSTOM CABINET & COU Facility Id: 12487	1850 DONNER AVENUE	49	178
BORELLOS DRY CLEANER Facility Id: 9471 Facility Id: 275 Facility Id: 5522	***2695 SAN BRUNO AVE***	***57***	***199***
MARTINELLI ENVIRONME Facility Id: 22349	1829 EGBERT AVENUE	70	234
DANACOLORS, INC Facility Id: 1570	1833 EGBERT AVENUE	70	237
COMCAST OF CALIFORNI Facility Id: 19567	1485 BAYSHORE BOULEV	84	299
COCA-COLA	***5800 3RD STREET***	***89***	***315***

Facility Id: 8287			
200 PAUL AVENUE LLC, Facility Id: 18013	200 PAUL AVE, BLDG F	97	360
LEVEL 3 COMMUNICATIO Facility Id: 13895 Facility Id: 18112 Facility Id: 15337 Facility Id: 14207 Facility Id: 19491	200 PAUL AVENUE	97	364
CINGULAR WIRELESS Facility Id: 14887	200 PAUL AVE, BLDG D	97	378
T-MOBILE USA INC Facility Id: 17320	200 PAUL AVE, BLDG D	97	378
THE CAMBAY GROUP, IN Facility Id: 13895	***200 PAUL AVE***	***97***	***384***
RCN TELECOM SERVICES Facility Id: 14111	200 PAUL AVENUE	97	388
EXXON MOBIL CORPORAT Facility Id: 15389	2985 SAN BRUNO AVENU	104	397
EXXON COMPANY C/O ER Facility Id: 15389	2985 SAN BRUNO AVENU	104	408
U-HAUL COMPANY OF SF Facility Id: 9178	***1575 BAYSHORE BOULEV***	***107***	***458***
GREENTECH CABINETRY Facility Id: 20403	1474 EGBERT AVENUE	114	502
RICHWOOD DESIGNS Facility Id: 15434	1474 EGBERT AVENUE	114	505
PACIFIC BELL Facility Id: 13520	***6150 3RD STREET***	***119***	***516***
SAN FRANCISCO WAVE E Facility Id: 13131	200 PAUL AVE, &400 B	121	534
MOHAMMED & ANNA IQBA Facility Id: 22231	***6201 3RD ST***	***131***	***560***
J & M AUTO BODY SHOP Facility Id: 19359 Facility Id: 17057	620 CARTER STREET	211	647
VERIZON WIRELESS (GE Facility Id: 18958	2600 GENEVA AVENUE	220	668
CITY OF DALY CITY Facility Id: 14103	450 MARTIN STREET	225	673

EXECUTIVE SUMMARY

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/31/2016 has revealed that there are 2 ENVIROSTOR sites within the searched area.

Site	Address	Map ID	Page
SAN FRANCISCO DESIGN Facility Id: 38310001 Status: Certified	***1775 EGBERT AVE***	***76***	***266***
COW PALACE Facility Id: 41070008 Status: Refer: Local Agency	***GENEVA AVENUE AND SA***	***205***	***641***

HWT: A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

A review of the HWT list, as provided by EDR, and dated 04/11/2017 has revealed that there is 1 HWT site within the searched area.

Site	Address	Map ID	Page
SAN FRANCISCO RENTS Reg Num: 6403 Reg Num: 6491	***1485 BAYSHORE BLVD***	***107***	***487***

PEST LIC: A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

A review of the PEST LIC list, as provided by EDR, and dated 12/06/2016 has revealed that there are 5 PEST LIC sites within the searched area.

Site	Address	Map ID	Page
RACHEL L MCINTYRE	1485 BAYSHORE BLVD #	84	301
CAPAX GROUP INC.	1485 BAYSHORE BLVD #	84	302
MISSION BAY LANDSCAP	***5800 THIRD ST #1404***	***89***	***319***
JEOFFREY D VITUG	6300 3RD ST	145	578
SHAWN D HILL	88 BLYTHDALE AVE	188	630

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 59 EDR Hist Auto sites within the searched area.

Site	Address	Map ID	Page
BAYSHORE ARCO	2190 CARROLL AV	7	17
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
CHANDLER H J & SON	1090 BAY SHORE BLVD	9	45
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
ORTEZ VINCENT	2500 SAN BRUNO AVE	17	71
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
SLMADOR MFG CO	141 WILLIAMS AVE	20	75
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	2601 SAN BRUNO AVE	34	129
ARATA FRANK	1290 BAY SHORE BLVD	46	169
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
C & M ASSOCIATED SER	1295 BAY SHORE BLVD	47	170
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	2238 LANE ST	48	170
ARATA F A	1298 BAY SHORE BLVD	51	183
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
THIRD STREET AUTO RE	5500 3D	59	213
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	2340 LANE ST	61	215
Not reported	1720 ARMSTRONG AVE	61	215
AL & JIM S UNION SER	5545 3D	62	217
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
BROOKS UNION STATION	5545 THIRD ST	62	217
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
NICKAS GEO	2780 SAN BRUNO	75	260
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	2780 SAN BRUNO AVE	75	262
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
VINCE S TEXACO SERVI	2800 SAN BRUNO AV	80	289
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
ANTONELLI R J	21 WOOLSEY ST	92	330
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	2895 SAN BRUNO AVE	92	330
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
UNION 76	2895 SAN BRUNO	92	331
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			

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Site	Address	Map ID	Page
FRY & DEL PRETE	2898 SAN BRUNO AV	92	346
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
TEXAS CO OFFICE	5818 3D R	94	350
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
CARRILLO RUDOLPH	1516 BAY SHORE BLVD	99	393
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
BARELLA L C	1500 BAY SHORE BLVD	100	394
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
ART S EXXON	2985 SAN BRUNO AVE	104	419
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
ROY S SIGNAL SERVICE	2985 SAN BRUNIR	104	420
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
ADOSTIGUE RICHFIELD	2990 SAN 8 RUNO AV	105	430
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
BIJAN S ARCO	2990 SAN BRUNO AVE	105	433
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	1575 BAYSHORE BLVD	107	460
TOM S TOWING SERVICE	1485 BAYSHORE BLVD	107	480
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
PASLEY SERVICE STATI	5945 3D	108	493
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
PASLEY SERVICE STATI	5945 3RD	108	493
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	6150 3RD ST	119	525
Not reported	6100 3RD ST	119	526
BAKER W B & CO INC	1375 FITZGERALD AV	124	538
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
MANCINI & CHRISTIANI	6199 3D	126	542
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
HOWARDS RICHFIELD SE	6199 THIRD ST	126	544
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	6199 3RD ST	126	550
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
ESCOBAR ALBT	6206 3D	130	559
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
TUCKER S SIGNAL SERV	6201 3D	131	559
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
OBIE S OLYMPIC STATI	6201 3RD ST	131	561
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
TAMBOURI & CO AUTO C	3154 SAN BRUNO AVE	132	569
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	1162 INGERSON AVE	144	575
CARROLL S TEXACO SER	6300 3RD ST	145	577
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
A & K MOTORS	3284 SAN BRUNO AVE	147	578
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	6335 3RD ST	149	588

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
Not reported	1008 GOETTINGEN ST	157	591
Not reported	1140 BRUSSELS ST	166	604
Not reported	575 CAMPBELL AVE	170	608
Not reported	145 BRITTON ST	181	622
Not reported	294 BROOKDALE AVE	191	631
CHARLIE S RICHFIELD	2145 GENEVA AV	201	637
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
COW PALACE CHEVRON S	2201 GENEVA AV	202	638
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	81 PASADENA ST	203	638
RATTI BROS UNION STA	2700 GENEVA AV	209	646
Database: EDR Hist Auto, Date of Government Version: 02/20/2007			
Not reported	620 CARTER ST	211	651
Not reported	2555 GENEVA AVE	215	655
Not reported	2579 GENEVA AVE	215	656
Not reported	2207 WILDFLOWER CT	216	657

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 43 EDR Hist Cleaner sites within the searched area.

Site	Address	Map ID	Page
Not reported	2477 SAN BRUNO AVE	3	4
SCHNAL D L	2460 SAN BRUNO AVE	4	5
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
Not reported	2481 SAN BRUNO AVE	5	9
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
LEE S CLEANING	2481 SANBRUNO AV	5	9
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
ZUPO S FASHION FLOOR	2498 SAN BRUNO AV	12	48
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
MINI KATH	2517 SAN BRUNO AVE	15	57
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
CAMBOU J L	2544 SAN BRUNO AVE	17	62
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
CAMBOU LEAN	2542 SAN BRUNO AV	17	64
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
ROAD CLEANERS	2512 SAN BRUNO AVE	17	66
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
CAMBOU LEON	2500 SAN BRUNO AVE	17	67
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
Not reported	2556 SAN BRUNO AVE	22	75
BANNER CLEANERS	2577 SAN BRUNO AVE	24	84
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
Not reported	2575 SAN BRUNO AVE	24	84
Not reported	2200 LANE ST	40	133
FOUR MILE CLEANERS	2200 LANE ST	40	134
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
MICHAEL S ROBERT DRA	2695 SAN BRUNO AVE	57	210
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
Not reported	5500 3RD ST	59	214
JEAN S CLEANERS	2726 SAN BRUNO AVE	67	230
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
ISAACS J W	1418 BAY SHORE BLVD	74	260
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
Not reported	2805 SAN BRUNO AVE	79	279
Not reported	2818 SAN BRUNO AVE	80	279
EASY LAUNDERETTE	2810 SAN BRUNO AVE	80	279
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
CELLOPHANE PRODUCTS	1485 BAYAHORE BLVD	84	301
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
GABA HENRY	462 HOLYOKE ST	91	330
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
RICKY S CLEANERS	3000 SAN BRUNO AVE	105	430
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
O & I LAUNDROMAT	451 PAUL AVE	116	509
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
MAYFIELD S CATERERS	6190 3RD ST	123	538
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
BEL MAR CLEANERS	6220 3RD	133	569
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
BEL-MAR CLEANERS	6220 3D	133	569
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
ZICKEL DINA MRS	6222 3D	133	570
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
BOZIOS JAS	75 CRANE	136	571
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
J & L CLEANERS	6256 3RD ST	139	572
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
J & L CLEANERS	6256 3D	139	572
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
ECONOWASH LAUNDRY MA	6246 3RD ST	139	572
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
AUTOMATIC HOME LAUND	6279 3D	142	575
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
THIRD STREET CLEANER	6319 3D	149	588
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
Not reported	473 RAYMOND AVE	174	613
Not reported	512 LELAND AVE	175	613

Site	Address	Map ID	Page
SUNNY CLEANERS	1436 SUNNYDALE AVE	180	621
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
O K LAUNDROMAT	1433 SUNNYDALE AVE	182	627
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
Not reported	1301 SUNNYDALE AVE	183	627
Not reported	1215 SUNNYDALE AVE	186	628
Not reported	2505 GENEVA AVE	213	654

RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 70 RGA LUST sites within the searched area.

Site	Address	Map ID	Page
ARCO # 00230	2190 CARROLL STREET	7	10
ARCO	2190 CARROLL AV	7	10
ARCO	2190 CARROLL ST	7	19
ARCO #0230	2190 CARROLL STREET	7	20
J&L FOOD MART / JACK	12105 DONNER PASS RD	21	75
O'KEEFE INC	75 WILLIAMS AVE	23	82
O'KEEFE, INC.	75 WILLIAMS AVE	23	83
HYMAN PROPERTY	2540 NEWHALL ST	25	85
SIRUS INVESTMENT COM	2540 NEWHALL ST	25	89
SIRIUS INVESTMENT CO	2540 NEWHALL ST	25	90
SIRUS INVESTMENT CO.	2540 NEWHALL STREET	25	90
SIRIUS INVESTMENT CO	2540 NEWHALL ST	25	91
LUCKY LAGER (FORMER)	2601 NEWHALL STREET	26	97
LUCKY LAGER FORMER	2601 NEWHALL ST	26	97
LUCKY LAGER BREWERY	2601 NEWHALL ST	26	98
LUCKY LAGER (FORMER	2601 NEWHALL STREET	26	100
HIGHWAY GARAGE	12800 YOSEMITE	30	108
ARMANINO FARMS	1900 CARROLL AV	33	118
ARMANINO FARMS	1900 CARROLL ST	33	118
ARMANINO FARMS (FORM	1900 CARROLL AVE	33	118
ARMANINO FARMS	1900 CARROLL AVE	33	119
ARMANINO FORMER	1900 CARROLL AVE	33	129
FORMER ARMANINO	1900 CARROLL AVE	33	129
COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE	35	129
COMMERCIAL WAREHOUSE	1955 CARROLL AVE	35	130
WEST COAST PLUMBING	2230 LANE STREET	48	172
WEST COAST PLUMBING	2230 LANE ST	48	175
WEST COAST PLUMBING	2230 LANE ST	48	177
BORELLO'S CLEANERS	2695 SAN BRUNO AVE	57	208
UNOCAL	5545 3RD ST	62	215
UNOCAL STATION #3500	5545 3RD ST	62	217
SF PUBLIC HOUSING DE	1815 EGBERT AVE	73	252
SF HOUSING AUTHORITY	1815 EGBERT	73	252
SF PUBLIC HOUSING DE	1815 EGBERT AVE	73	252
SF HOUSING AUTHORITY	1815 EGBERT AVE	73	260

EXECUTIVE SUMMARY

Site	Address	Map ID	Page
SAN FRANCISCO HOUSIN	1815 EGBERT AVE	73	260
5700 3RD ST	5700 3RD ST	78	273
UNKNOWN	5700 3RD ST	78	273
SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE	80	289
SALES MART	1485 BAYSHORE BLVD	84	299
UNOCAL STATION #6097	2895 SAN BRUNO AVE	88	313
UNOCAL	2895 SAN BRUNO AVE	88	313
COCA COLA USA	5800 3RD ST	89	318
COCA COLA USA SYRUP	5800 3RD ST	89	319
DEVINCENZI TRUCKING	1598 CARROLL AVE	96	353
DEVINCENZI TRUCKING	1598 CARROLL AVE	96	358
SWISS AMERICAN SAUSA	5990 3RD ST	103	395
SWISS AMERICAN SAUSA	5990 3RD STREET	103	396
EXXON RAS #7-8959	2985 SAN BRUNO AVE	104	397
EXXON	2985 SAN BRUNO AVE	104	399
ARCO	2990 SAN BRUNO AVE	105	432
ARCO #2056	2990 SAN BRUNO AVE	105	442
ARCO # 02056	2990 SAN BRUNO AVE	105	443
U HAUL	1575 BAYSHORE BLVD	107	461
U-HAUL FACILTY #708-	1575 BAYSHORE BL.	107	463
U-HAUL	1575 BAYSHORE BLVD	107	469
U-HAUL MOVING CENTER	1575 BAYSHORE BLVD	107	470
U-HAUL FACILITY	1575 BAYSHORE BL	107	472
ALLWOOD DOOR COMPANY	6000 3RD ST	111	499
HOWELL PROPERTY	6000 3RD ST	111	499
RESIDENCE 6000 UST#	0 CRANE FLAT #34	117	510
COMMERCIAL PROPERTY	202 PAUL AVE	118	510
COMMERCIAL	202 PAUL AVENUE	118	513
COMMERCIAL BUILDING	6199 3RD ST	126	547
FORMER AUTO REPAIR F	6201 3RD STREET	131	561
WOODROW WILSON HIGH	400 MANSELL ST	148	585
WOODROW WILSON HIGH	400 MANSELL STREET	148	585
SFUSD PHILIP BURTON	400 MANSELL ST	148	587
CLEO RHYNE'S SHELL	25712 WARD DR	164	597
SCHINDEL PROPERTY	CARTER & MARTIN	221	671

RGA LF: The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

A review of the RGA LF list, as provided by EDR, has revealed that there is 1 RGA LF site within the searched area.

Site	Address	Map ID	Page
ASSOCIATED TRUCKING, Facility ID: 38-AA-0016	350-400 PAUL AVENUE	115	509

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

Database	Total Plotted
FEDERAL RECORDS	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
SEMS	1
SEMS-ARCHIVE	2
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	4
RCRA-SQG	21
RCRA-CESQG	0
RCRA NonGen / NLR	6
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	12
HMIRS	1
DOT OPS	1
US CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
DEBRIS REGION 9	0
ODI	0
US MINES	0
TRIS	0
TSCA	0
FTTS	6
HIST FTTS	4
SSTS	0
ICIS	1
PADS	0
MLTS	0
RADINFO	0
FINDS	63
RAATS	0
RMP	0
COAL ASH EPA	0
ABANDONED MINES	0
LEAD SMELTERS	0
FEDERAL FACILITY	0
FEMA UST	0
ECHO	0
FUELS PROGRAM	0

MAP FINDINGS SUMMARY

Database	Total Plotted
DOCKET HWC	0
UXO	0
FUSRAP	0
COAL ASH DOE	0
2020 COR ACTION	0
PRP	0
EPA WATCH LIST	0
US FIN ASSUR	0
PCB TRANSFORMER	0
US HIST CDL	0
SCRD DRYCLEANERS	0
IHS OPEN DUMPS	0
US AIRS	0

STATE AND LOCAL RECORDS

HIST Cal-Sites	1
CA BOND EXP. PLAN	0
SCH	0
Toxic Pits	0
SWF/LF	1
NPDES	1
WDS	0
UIC	0
Cortese	0
HIST CORTESE	21
SWRCY	1
LUST	39
CA FID UST	30
SLIC	2
UST	39
HIST UST	26
LIENS	0
CUPA Listings	0
SWEEPS UST	31
CHMIRS	19
LDS	0
AST	11
MCS	1
Notify 65	5
DEED	0
VCP	1
DRYCLEANERS	3
WIP	0
ENF	0
CDL	0
RESPONSE	1
HAZNET	192
EMI	29
HAULERS	0
ENVIROSTOR	2

MAP FINDINGS SUMMARY

Database	Total Plotted
BROWNFIELDS	0
ICE	0
PROC	0
MINES	0
HWP	0
MWMP	0
HWT	1
WMUDS/SWAT	0
WASTEWATER PITS	0
PEST LIC	5

TRIBAL RECORDS

INDIAN RESERV	0
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0

EDR PROPRIETARY RECORDS

EDR MGP	0
EDR Hist Auto	59
EDR Hist Cleaner	43
RGA LUST	70
RGA LF	1

NOTES:

Sites may be listed in more than one database

1 **LI YI LUO** **HAZNET** **S112925919**
63 MERCURY ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112925919
Year:	2002
GEPAID:	CAC002558424
Contact:	LI YI LUO
Telephone:	4154673539
Mailing Name:	Not reported
Mailing Address:	63 MERCURY ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAT080014079
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	0.05
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

2 **KEVIN WU** **HAZNET** **S117307231**
460 ELMIRA ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S117307231
Year:	2013
GEPAID:	CAC002752740
Contact:	KEVIN WU
Telephone:	4155094016
Mailing Name:	Not reported
Mailing Address:	460 ELMIRA ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242247
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

---

3 **EDR Hist Cleaner** **1015027296**
2477 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:

Name:	JO ANNS CLEANER
Year:	2006
Address:	2477 SAN BRUNO AVE
Name:	JO ANNS CLEANER
Year:	2007

(Continued) **1015027296**

Address: 2477 SAN BRUNO AVE

Name: JO ANNS CLEANER
Year: 2008
Address: 2477 SAN BRUNO AVE

Name: JO ANNS CLEANER
Year: 2009
Address: 2477 SAN BRUNO AVE

Name: JOANNS CLEANERS
Year: 2010
Address: 2477 SAN BRUNO AVE

---

4 **SCHNAL D L** **EDR Hist Cleaner** **1009129721**
2460 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name: SCHNAL D L
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

Name: SCHNAL D L
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

---

4 **SEVERINO ENCARNACION DMD** **HAZNET** **S113074486**
9 SILLIMAN ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid: S113074486
Year: 2006
GEPAID: CAL000135462
Contact: SEVERINO ENCARNACION
Telephone: --
Mailing Name: Not reported
Mailing Address: 9 SILLIMAN ST STE 5
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113074486
Year: 2004
GEPAID: CAL000135462
Contact: SEVERINO ENCARNACION
Telephone: --
Mailing Name: Not reported

SEVERINO ENCARNACION DMD (Continued) **S113074486**

Mailing Address: 9 SILLIMAN ST STE 5
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 0.02
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113074486
Year: 2004
GEPAID: CAL000135462
Contact: SEVERINO ENCARNACION
Telephone: --
Mailing Name: Not reported
Mailing Address: 9 SILLIMAN ST STE 5
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113074486
Year: 2003
GEPAID: CAL000135462
Contact: SEVERINO ENCARNACION
Telephone: --
Mailing Name: Not reported
Mailing Address: 9 SILLIMAN ST STE 5
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113074486
Year: 2002
GEPAID: CAL000135462
Contact: SEVERINO ENCARNACION
Telephone: --
Mailing Name: Not reported
Mailing Address: 9 SILLIMAN ST STE 5
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported

SEVERINO ENCARNACION DMD (Continued) **S113074486**

TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 0.02
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

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4 **PHUONG NGUYEN DDS** **HAZNET** **S113072027**
9 SILLIMAN ST STE 2 **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S113072027
Year: 2004
GEPAID: CAL000127210
Contact: HANH BUI
Telephone: 4154674726
Mailing Name: Not reported
Mailing Address: 9 SILLIMAN ST STE 2
Mailing City,St,Zip: SAN FRANCISCO, CA 941341200
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113072027
Year: 2004
GEPAID: CAL000127210
Contact: HANH BUI
Telephone: 4154674726
Mailing Name: Not reported
Mailing Address: 9 SILLIMAN ST STE 2
Mailing City,St,Zip: SAN FRANCISCO, CA 941341200
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113072027
Year: 2002
GEPAID: CAL000127210
Contact: HANH BUI
Telephone: 4154674726

PHUONG NGUYEN DDS (Continued) **S113072027**

Mailing Name: Not reported
Mailing Address: 9 SILLIMAN ST STE 2
Mailing City,St,Zip: SAN FRANCISCO, CA 941341200
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113072027
Year: 2001
GEPAID: CAL000127210
Contact: HANH BUI
Telephone: 4154674726
Mailing Name: Not reported
Mailing Address: 9 SILLIMAN ST STE 2
Mailing City,St,Zip: SAN FRANCISCO, CA 941341200
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113072027
Year: 1999
GEPAID: CAL000127210
Contact: PHOUG NGUYEN DDS
Telephone: 4154674726
Mailing Name: Not reported
Mailing Address: 9 SILLIMAN ST STE 2
Mailing City,St,Zip: SAN FRANCISCO, CA 941341200
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0625
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

5 **EDR Hist Cleaner** **1009181248**
2481 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:

Name:	JO ANN S CLEANERS & ALTERATIONS
Year:	1962
Type:	CLEANERS AND DYERS
Name:	JO ANN S CLEANERS & ALTERATIONS
Year:	1966
Type:	CLEANERS AND DYERS
Name:	JO ANNS CLEANER
Year:	1999
Address:	2481 SAN BRUNO AVE
Name:	JO ANNS CLEANER
Year:	2000
Address:	2481 SAN BRUNO AVE
Name:	JOANNS CLEANER
Year:	2001
Address:	2481 SAN BRUNO AVE
Name:	JOANNS CLEANER
Year:	2002
Address:	2481 SAN BRUNO AVE

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5 **LEE S CLEANING** **EDR Hist Cleaner** **1009131489**
2481 SANBRUNO AV **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	LEE S CLEANING
Year:	1958
Type:	CLOTHES PRESSERS AND CLEANERS
Name:	JO-ANN S CLEANERS & ALTERATIONS
Year:	1962
Type:	CLEANERS AND DYERS
Name:	JO-ANN S CLEANERS & ALTERATIONS
Year:	1966
Type:	CLEANERS AND DYERS
Name:	JO-ANN S CLEANERS
Year:	1971
Type:	CLEANERS AND DYERS
Name:	JO-ANN S CLEANERS
Year:	1977
Type:	CLEANERS AND DYERS
Name:	JO ANN S CLEANERS
Year:	1982
Type:	CLEANERS AND DYERS
Name:	JO-ANN S CLEANERS
Year:	1982

LEE S CLEANING (Continued) **1009131489**

Type: CLEANERS AND DYERS

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6 **BANK OF AMERICA** **HAZNET** **S112988453**
2485 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112988453
Year:	2011
GEPAID:	CAC002669492
Contact:	LEO LEMON
Telephone:	4086904241
Mailing Name:	Not reported
Mailing Address:	2485 SAN BRUNO AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340000
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	2.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

7 **ARCO # 00230** **RGA LUST** **S114572772**
2190 CARROLL STREET **N/A**
SAN FRANCISCO, CA

RGA LUST:

2006	ARCO # 00230	2190 CARROLL STREET
2005	ARCO # 00230	2190 CARROLL STREET
2004	ARCO # 00230	2190 CARROLL STREET
2003	ARCO # 00230	2190 CARROLL STREET

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7 **ARCO** **RGA LUST** **S114576654**
2190 CARROLL AV **N/A**
SAN FRANCISCO, CA

RGA LUST:

1995	ARCO	2190 CARROLL AV

7 **BP WEST COAST PRODUCTS LLC 00230** **HAZNET** **S113114331**
2190 CARROLL ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113114331
Year:	2015
GEPAID:	CAL000226007
Contact:	SARAH SAMUELS
Telephone:	3603718111
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,St,Zip:	RANCHO SANTA MARGARI, CA 920688000
Gen County:	San Francisco
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1.05
Cat Decode:	Aqueous solution with total organic residues less than 10 percent
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	San Francisco

envid:	S113114331
Year:	2014
GEPAID:	CAL000226007
Contact:	SARAH SAMUELS
Telephone:	3603718111
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,St,Zip:	RANCHO SANTA MARGARI, CA 920688000
Gen County:	San Francisco
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.126
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113114331
Year:	2013
GEPAID:	CAL000226007
Contact:	Jackie Dougherty
Telephone:	9494605200
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,St,Zip:	RCHO STA MARG, CA 926880000
Gen County:	San Francisco
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.075

BP WEST COAST PRODUCTS LLC 00230 (Continued) **S113114331**

Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported
envid:	S113114331
Year:	2013
GEPAID:	CAL000226007
Contact:	Jackie Dougherty
Telephone:	9494605200
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,St,Zip:	RCHO STA MARG, CA 926880000
Gen County:	San Francisco
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.5082
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported
envid:	S113114331
Year:	2012
GEPAID:	CAL000226007
Contact:	JACKIE DOUGHERTY
Telephone:	9497354632
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,St,Zip:	RCHO STA MARG, CA 926880000
Gen County:	San Francisco
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.252
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
17 additional CA_HAZNET: record(s) in the EDR Site Report.

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7 **CHMIRS** **S107449241**
2190 CARROLL ST. **N/A**
SAN FRANCISCO, CA 94124

CHMIRS:

OES Incident Number:	4-0473
OES notification:	01/27/2004
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported

(Continued) **S107449241**

Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2004
Agency:	BP
Incident Date:	1/22/200412:00:00 AM
Admin Agency:	San Francisco County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	Gasoline
Gallons:	10
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported

(Continued) **S107449241**

Description: A truck driver was off-loading gasoline and disconnected gas spilled

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7 **ARCO PRODUCTS COMPANY** **HAZNET** **S113030168**
2190 CARROLL STREET **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113030168
Year:	2001
GEPAID:	CAL000023649
Contact:	CARLOS RODRIGUEZ/ENV COMPL ADM
Telephone:	7146705366
Mailing Name:	Not reported
Mailing Address:	PO BOX 6038
Mailing City,St,Zip:	ARTESIA, CA 907026038
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	0.83
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113030168
Year:	2000
GEPAID:	CAL000023649
Contact:	CARLOS RODRIGUEZ/ENV COMPL ADM
Telephone:	7146705366
Mailing Name:	Not reported
Mailing Address:	PO BOX 6038
Mailing City,St,Zip:	ARTESIA, CA 907026038
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	1.18
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113030168
Year:	1999
GEPAID:	CAL000023649
Contact:	ATLANTIC RICHFIELD COMPANY
Telephone:	2134860494
Mailing Name:	Not reported
Mailing Address:	PO BOX 6038
Mailing City,St,Zip:	ARTESIA, CA 907026038
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	.8340

ARCO PRODUCTS COMPANY (Continued) **S113030168**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113030168
Year: 1994
GEPAID: CAL000023649
Contact: ATLANTIC RICHFIELD COMPANY
Telephone: 2134860494
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Treatment, Tank
Tons: .4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113030168
Year: 1994
GEPAID: CAL000023649
Contact: ATLANTIC RICHFIELD COMPANY
Telephone: 2134860494
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Not reported
TSD EPA ID: CAD043260702
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: .2502
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

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7 **TIEN H LIN** **HIST UST** **U001595707**
2190 CARROLL **N/A**
SAN FRANCISCO, CA 94124

HIST UST:
File Number: 0002F5E2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F5E2.pdf
Region: STATE
Facility ID: 00000026899
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 0000000000
Owner Name: ARCO PETROLEUM PRODUCTS CO.
Owner Address: 515 SOUTH FLOWER STREET

TIEN H LIN (Continued) **U001595707**

Owner City,St,Zip:	LOS ANGELES, CA 90071
Total Tanks:	0005
Tank Num:	001
Container Num:	0000000001
Year Installed:	1972
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000240
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	0000000002
Year Installed:	1964
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000240
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	0000000003
Year Installed:	1964
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000167
Leak Detection:	Stock Inventor, 10
Tank Num:	004
Container Num:	0000000004
Year Installed:	1964
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000167
Leak Detection:	Stock Inventor, 10
Tank Num:	005
Container Num:	0000000005
Year Installed:	1964
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	WASTE OIL
Container Construction Thickness:	0000093
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

7 **BAYSHORE ARCO** **EDR Hist Auto** **1009001559**
2190 CARROLL AV **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	ALEX S RICHFIELD STATION
Year:	1971
Type:	GASOLINE STATIONS
Name:	ALEX S RICHFIELD STATION
Year:	1971
Type:	GASOLINE STATIONS
Name:	BAYSHORE ARCO
Year:	1977
Type:	GASOLINE STATIONS
Name:	BAYSHORE ARCO
Year:	1977
Type:	GASOLINE STATIONS
Name:	SILVER ARCO
Year:	1982
Type:	GASOLINE STATIONS
Name:	SILVER ARCO
Year:	1982
Type:	GASOLINE STATIONS
Name:	N & T AUTO REPAIR
Year:	1999
Address:	2190 CARROLL AVE
Name:	N & T AUTO REPAIR
Year:	2000
Address:	2190 CARROLL AVE
Name:	N & T AUTO REPAIR
Year:	2001
Address:	2190 CARROLL AVE
Name:	N & T AUTO REPAIR
Year:	2002
Address:	2190 CARROLL AVE
Name:	N & T AUTO REPAIR
Year:	2003
Address:	2190 CARROLL AVE
Name:	N & T AUTO REPAIR
Year:	2004
Address:	2190 CARROLL AVE
Name:	N & T AUTO REPAIR
Year:	2005
Address:	2190 CARROLL AVE
Name:	SILVER ARCO GAS STATION
Year:	2006

BAYSHORE ARCO (Continued) **1009001559**

Address: 2190 CARROLL AVE

Name: N & T AUTO REPAIR
Year: 2007
Address: 2190 CARROLL AVE

Name: N & T AUTO REPAIR
Year: 2008
Address: 2190 CARROLL AVE

Name: N & T AUTO REPAIR
Year: 2009
Address: 2190 CARROLL AVE

Name: N & T AUTO REPAIR
Year: 2010
Address: 2190 CARROLL AVE

Name: N & T AUTO REPAIR
Year: 2011
Address: 2190 CARROLL AVE

Name: N & T AUTO REPAIR
Year: 2012
Address: 2190 CARROLL AVE

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7 **CHMIRS** **S105674001**

2190 CARROLL ST. **N/A**
SAN FRANCISCO, CA 90702

CHMIRS:

OES Incident Number:	1-3400
OES notification:	06/12/2001
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported

(Continued) **S105674001**

Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	ARCO
Incident Date:	6/11/200112:00:00 AM
Admin Agency:	San Francisco County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	Gasoline
Unknown:	Unknown
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	There was a loose product pipe fitting that was dripping gasoline. It was discovered by a County Health inspector.

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7 **ARCO** **RGA LUST** **S114576655**
2190 CARROLL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	ARCO	2190 CARROLL ST
2001	ARCO	2190 CARROLL ST
2000	ARCO	2190 CARROLL ST
1998	ARCO	2190 CARROLL ST
1997	ARCO	2190 CARROLL ST
1996	ARCO	2190 CARROLL ST
1994	ARCO	2190 CARROLL ST
1993	ARCO	2190 CARROLL ST
1992	ARCO	2190 CARROLL ST

7 **ARCO #0230** **RGA LUST** **S114573082**
2190 CARROLL STREET **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	ARCO #0230	2190 CARROLL STREET
2011	ARCO #0230	2190 CARROLL STREET
2010	ARCO #0230	2190 CARROLL STREET
2009	ARCO #0230	2190 CARROLL STREET
2008	ARCO #0230	2190 CARROLL STREET
2007	ARCO #0230	2190 CARROLL STREET

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7 **ERNS** **2004711679**
2190 CARROLL STREET **N/A**
SAN FRANCISCO, CA 94124

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

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7 **ARCO #230** **UST** **U003936622**
2190 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

UST:

Facility ID:	6831
Permitting Agency:	SAN FRANCISCO COUNTY
Latitude:	37.7320005
Longitude:	-122.401514

SAN FRANCISCO CO. UST:

Facility ID:	26484
Facility Status:	Not reported
Number Of Tanks:	Not reported
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	BP West Coast
Care Of Addr:	John Schetter
2nd Care Of Add:	Not reported
Mailing Address:	P O Box 6038
Mailing City,St,Zip:	Artesia, CA
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	Not reported
Application Name:	Not reported
Action Type:	1
Yr Spill/Overfill Installed1:	1/1/2002
Yr Spill/Overfill Installed2:	1/1/2002
Yr Spill/Overfill Installed3:	1/1/1989
Tank ID:	1001
Tank Test:	Not reported
Local Tank Id:	26484001001
Tank Manufacturer:	Xerxes

ARCO #230 (Continued) **U003936622**

Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	8/1/1989
Tank Capacity:	12000
Additional Desc:	Not reported
Tank Use:	1
Petroleum Type:	Leaded
Common Name:	Not reported
Case Number:	8006-01-09
Type Of Tank:	Double wall
Primary Tank Material:	FRP compatible w/100% methanol
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	spill containment, drop tube, striker plate
Date Alarm Overfill Protection Installed:	1/1/2002
Date Ball Float Overfill Protection Installed:	1/1/2002
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Pressure
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	FRP Compatible w/100% Methanol
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Sump Snsr, Alrm ,Auto Shutoff For Leaks, Failure, & Disconnect, Pressure, Auto Leak Detctr ,Flow Shutoff Or Restricn
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	9/1/2002
Dispenser Containment Type:	Continuous Dispenser With Auto Shutoff for Dispenser
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	12/19/2007
2nd Containment Test:	9/7/2006
Spill Containment Present:	Yes
Drop Tube Present:	Yes
Striker Plate Present:	Yes
Alarm Present:	Yes
Ball Float Present:	Yes
Fill Tube Present:	No

ARCO #230 (Continued) **U003936622**

Other Tank Leak Detection Present: No

Tank ID: 1002
Tank Test: Not reported
Local Tank Id: 26484001002
Tank Manufacturer: Xerxes
Compartmentalized Tank: No
Of Tank Compartments: Not reported
Date Tank Installed: 8/1/1989
Tank Capacity: 12000
Additional Desc: Not reported
Tank Use: 1
Petroleum Type: Regular Unleaded
Common Name: Not reported
Case Number: 8006-01-09
Type Of Tank: Double wall
Primary Tank Material: Bare steel
Secondary Tank Material: Not reported
Tank Interior Lining: Unlined
Date Interior Lining Install: Not reported
Date Closed: Not reported
UST Close ID: Not reported
Type Of Spill Protection: spill containment, drop tube, striker plate
Date Alarm Overfill Protection Installed: 1/1/2002
Date Ball Float Overfill Protection Installed: 1/1/2002
Date Fill Tube Shut Overfill Protection Installed: Not reported
Overfill Protection Exempt: No
Othr Tnk Corrosive Prtctn: 0
Date Corrosive Prtctn Install: Not reported
Tank Leak Detection (single walled): Not reported
Tank Leak Detection (double wall): Continuous Interstitial Monitoring
Estimated Date Last Used: Not reported
Estimated Qty Of Substance Remaining: 0
Tank Filled With Inert Material: 0
Piping System Type (Underground): Pressure
Piping System Type (Aboveground): Not reported
Piping Construction (Underground): Double Wall
Piping Manufacturer (Underground): Not reported
Piping Construction (Aboveground): Not reported
Piping Manufacturer (Aboveground): Not reported
Piping Material & Corrosion Protection (Underground): FRP Compatible w/100% Methanol
Piping Material & Corrosion Protection (Aboveground): Not reported
Piping Leak Detection (Undrgrnd - Single Wall): Not reported
Piping Leak Detection (2nd Contained): Sump Snsr, Alrm ,Auto Shutoff For Leaks, Failure, & Disconnect, Pressure, Auto Leak Detctr ,Flow Shutoff Or Restricn
Piping Leak Detection (Emrgncy Gnrtrs): Not reported
Pipe Integrity Test, Underground: Not reported
Piping Leak Detection (Aboveground - Single Wall): Not reported
Piping Leak Detection (Underground - 2nd Contained): Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs): Not reported
Pipe Integrity Test, Aboveground: Not reported
Date Dispenser Containment Installed: 9/1/2002
Dispenser Containment Type: Continuous Dispenser With Auto Shutoff for Dispenser
Date Certified (Tank Unit): Not reported
Certified Date: Not reported
Last Annual Monitoring Cert: 12/19/2007

ARCO #230 (Continued) **U003936622**

2nd Containment Test:	9/1/706
Spill Containment Present:	Yes
Drop Tube Present:	Yes
Striker Plate Present:	Yes
Alarm Present:	Yes
Ball Float Present:	Yes
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	1004
Tank Test:	Not reported
Local Tank Id:	26484001004
Tank Manufacturer:	Xerxes
Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	8/1/1989
Tank Capacity:	550
Additional Desc:	Not reported
Tank Use:	4
Petroleum Type:	Other
Common Name:	Waste oil
Case Number:	Not reported
Type Of Tank:	Double wall
Primary Tank Material:	FRP compatible w/100% methanol
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	spill containment, striker plate
Date Alarm Overfill Protection Installed:	1/1/2002
Date Ball Float Overfill Protection Installed:	1/1/2002
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Gravity
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	FRP Compatible w/100% Methanol
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Suction,Gravity ,Sump Sensor,Alarms
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported

ARCO #230 (Continued) **U003936622**

Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	12/19/2007
2nd Containment Test:	7/6/2006
Spill Containment Present:	Yes
Drop Tube Present:	No
Striker Plate Present:	Yes
Alarm Present:	Yes
Ball Float Present:	Yes
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported

ARCO #230 (Continued) **U003936622**

Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	26484001003
Tank Manufacturer:	Xerxes
Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	8/1/1989
Tank Capacity:	12000
Additional Desc:	Tank is a slave to
Tank Use:	1
Petroleum Type:	Regular Unleaded
Common Name:	Not reported
Case Number:	8006-01-09
Type Of Tank:	Double wall
Primary Tank Material:	FRP compatible w/100% methanol
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	spill containment, drop tube, striker plate
Date Alarm Overfill Protection Installed:	1/1/2002
Date Ball Float Overfill Protection Installed:	1/1/2002
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Suction
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall

ARCO #230 (Continued) **U003936622**

Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	FRP Compatible w/100% Methanol
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Sump Snsr, Alrm ,Auto Shutoff For Leaks, Failure, & Disconnect, Pressure, Auto Leak Detctr ,Flow Shutoff Or Restricn
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	9/1/2002
Dispenser Containment Type:	Continuous Dispenser With Auto Shutoff for Dispenser
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	12/19/2007
2nd Containment Test:	9/7/2006
Spill Containment Present:	Yes
Drop Tube Present:	Yes
Striker Plate Present:	Yes
Alarm Present:	Yes
Ball Float Present:	Yes
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Click this hyperlink while viewing on your computer to access additional CA_UST_SF: detail in the EDR Site Report.

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7 **ARCO #230** **CA FID UST** **S101591870**
2190 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38000061
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4154680446
Mail To:	Not reported
Mailing Address:	2190 CARROLL ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

7 **ARCO SERVICE STATION #0230** **Notify 65** **S100179084**
2190 CARROLL STREET **N/A**
SAN FRANCISCO, CA 92270

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

---

7 **BP 00230** **RCRA-SQG** **1000904944**
2190 CARROLL ST **FINDS** **CA0000204321**
SAN FRANCISCO, CA 94124 **HAZNET**
ECHO

RCRA-SQG:

Date form received by agency:	03/30/2016
Facility name:	BP 00230
Facility address:	2190 CARROLL ST SAN FRANCISCO, CA 94124
EPA ID:	CA0000204321
Mailing address:	PO BOX 80249 RANCHO SANTA MARGARITA, CA 92688
Contact:	SARAH SAMUELS
Contact address:	PO BOX 6038 ARTESIA, CA 92688
Contact country:	US
Contact telephone:	(360) 526-3917
Contact email:	SARAH.SAMUELS@BP.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BP PRODUCTS NORTH AMERICA INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	11/01/1970
Owner/Op end date:	Not reported

Owner/operator name:	BP PRODUCTS NORTH AMERICA INC
Owner/operator address:	CARROLL AVE SAN FRANCISCO, CA 90702
Owner/operator country:	US
Owner/operator telephone:	(360) 526-3917
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/01/1970

BP 00230 (Continued) **1000904944**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 343
. Waste name: 343

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 04/17/1994
Site name: SILVER ARCO
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002615554

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
envid: 1000904944
Year: 2014

BP 00230 (Continued) **1000904944**

GEPAID: CA0000204321
Contact: STEPHEN NG
Telephone: 4154680446
Mailing Name: Not reported
Mailing Address: 2190 CARROLL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: San Francisco
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.075
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000904944
Year: 2013
GEPAID: CA0000204321
Contact: STEPHEN NG
Telephone: 4154680446
Mailing Name: Not reported
Mailing Address: PO BOX 281080
Mailing City,St,Zip: SAN FRANCISCO, CA 941281080
Gen County: San Francisco
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.025
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000904944
Year: 2010
GEPAID: CA0000204321
Contact: STEPHEN NG
Telephone: 4154680446
Mailing Name: Not reported
Mailing Address: PO BOX 281080
Mailing City,St,Zip: SAN FRANCISCO, CA 941281080
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.0625
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000904944
Year: 2004

BP 00230 (Continued) **1000904944**

GEPAID: CA0000204321
Contact: SILVER ARCO/AUNG
Telephone: 4154680446
Mailing Name: Not reported
Mailing Address: PO BOX 281080
Mailing City,St,Zip: SF, CA 941281080
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

ECHO:
Envid: 1000904944
Registry ID: 110002615554
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002615554

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7 **ARCO # 00230** **LUST** **S102424457**
2190 CARROLL STREET **N/A**
SAN FRANCISCO, CA 94124

LUST REG 2:
Region: 2
Facility Id: 38-0020
Facility Status: Post remedial action monitoring
Case Number: 10050
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 8/29/2000
Date Post Remedial Action Monitoring Began: 6/24/2003

SAN FRANCISCO CO. LUST:
Region: SAN FRANCISCO
Facility ID: 38-0020
Facility Status: Remedial action (cleanup) Underway
Case Number: 10050
Case Type: Other ground water affected
Release Date: 5/17/1989
Discovered Date: 5/17/1989
Substance: Gasoline
Substance Qty: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Report Date: 5/17/1989
Case Closed: Not reported
Closed Date: Not reported

ARCO # 00230 (Continued) **S102424457**

Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	4/22/1992
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	ARCO
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	SC
Cross Street:	THORNTON ST
NOR Date:	4/22/1992
MTBE Current:	3/11/2002
MTBE Current Date:	12/9/1998
MTBE:	YES
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	12/9/1998
Review Date:	6/19/2002
Workplan Submitted:	Not reported
Assessment Underway:	2/26/1991
Pollution Characterization:	Not reported
Corrective Action Plan:	12/4/2001
Remediation Underway:	11/16/2000
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Low Priority Site
Abatement:	No Action Taken - no action has as yet been taken at the site
Enforcement Type:	Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	5/17/1989
Free Product:	No
Depth to Grnd Wtr:	114.72-17.98
Gradient:	E-NE.03
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	2A
Amount of Free Produce:	Not reported
Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	21000
TPH Date:	3/27/1998
Block:	Not reported
Lot:	Not reported

ARCO # 00230 (Continued) **S102424457**

Notify:	False
TPH Current:	<5000
TPH Current Date:	3/11/2002
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	TESTED 2/15/99

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7 **ARCO #0230** **HIST CORTESE** **S110060364**
2190 CARROLL STREET **LUST** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0020

LUST:

Region:	STATE
Global Id:	T0607500019
Latitude:	37.730599
Longitude:	-122.402119
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/30/2011
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	SC
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0020
LOC Case Number:	10050
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500019
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0607500019
Contact Type:	Local Agency Caseworker
Contact Name:	STEPHANIE CUSHING
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET #210
City:	SAN FRANCISCO
Email:	stephanie.cushing@sfdph.org
Phone Number:	Not reported

ARCO #0230 (Continued) **S110060364**

Status History:

Global Id:	T0607500019
Status:	Open - Case Begin Date
Status Date:	05/17/1989
Global Id:	T0607500019
Status:	Open - Remediation
Status Date:	05/17/1989
Global Id:	T0607500019
Status:	Open - Remediation
Status Date:	08/29/2000
Global Id:	T0607500019
Status:	Open - Verification Monitoring
Status Date:	06/24/2003
Global Id:	T0607500019
Status:	Completed - Case Closed
Status Date:	09/30/2011

Regulatory Activities:

Global Id:	T0607500019
Action Type:	ENFORCEMENT
Date:	08/27/2008
Action:	File review
Global Id:	T0607500019
Action Type:	ENFORCEMENT
Date:	09/02/2008
Action:	File review
Global Id:	T0607500019
Action Type:	ENFORCEMENT
Date:	08/29/2008
Action:	Staff Letter
Global Id:	T0607500019
Action Type:	ENFORCEMENT
Date:	03/04/2009
Action:	File review
Global Id:	T0607500019
Action Type:	ENFORCEMENT
Date:	12/12/2008
Action:	File review
Global Id:	T0607500019
Action Type:	ENFORCEMENT
Date:	05/29/2009
Action:	File review
Global Id:	T0607500019
Action Type:	Other
Date:	05/17/1989
Action:	Leak Stopped

ARCO #0230 (Continued) **S110060364**

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 09/28/2009
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 02/11/2004
Action: File review

Global Id: T0607500019
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 07/11/2003
Action: Staff Letter

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 07/11/2003
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 11/05/2003
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 04/14/2004
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 04/18/2005
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 07/01/2004
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 11/18/2010
Action: File Review - Closure

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 06/15/2010
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT

ARCO #0230 (Continued) **S110060364**

Date: 11/15/2010
Action: File review

Global Id: T0607500019
Action Type: REMEDIATION
Date: 02/26/1996
Action: Monitored Natural Attenuation

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 06/25/2004
Action: Staff Letter

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 02/02/2005
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 11/01/2004
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 08/08/2005
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 09/29/2011
Action: File review

Global Id: T0607500019
Action Type: REMEDIATION
Date: 04/08/2003
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0607500019
Action Type: REMEDIATION
Date: 03/12/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 11/10/2005
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 05/04/2006
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 12/18/2006
Action: File review

ARCO #0230 (Continued) **S110060364**

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 09/30/2011
Action: Closure/No Further Action Letter

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 01/02/2008
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 02/20/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 03/29/2007
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 06/26/2007
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 02/25/2008
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 08/24/2007
Action: Staff Letter

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 08/23/2007
Action: File review

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 01/21/2011
Action: Staff Letter

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 09/30/2011
Action: Closure/No Further Action Letter - #10050

Global Id: T0607500019
Action Type: ENFORCEMENT
Date: 09/30/2011
Action: File Review - Closure

Global Id: T0607500019
Action Type: Other

ARCO #0230 (Continued) **S110060364**

Date:	01/02/1965
Action:	Leak Began
Global Id:	T0607500019
Action Type:	ENFORCEMENT
Date:	05/12/2008
Action:	File review
Global Id:	T0607500019
Action Type:	Other
Date:	05/17/1989
Action:	Leak Discovery
Global Id:	T0607500019
Action Type:	ENFORCEMENT
Date:	10/03/2000
Action:	Staff Letter
Global Id:	T0607500019
Action Type:	RESPONSE
Date:	09/24/2003
Action:	Monitoring Report - Quarterly

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7 **ERNS** **2001569304**

2190 CARROLL ST **N/A**
SAN FRANCISCO, CA

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

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7 **ARCO #230** **UST** **U003932336**
2190 CARROLL AV **SWEEPS UST** **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	6831
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	6/5/1989
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported

ARCO #230 (Continued) **U003932336**

Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	333
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported

ARCO #230 (Continued) **U003932336**

Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	6/11/1992
UST Close ID:	987
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported

ARCO #230 (Continued) **U003932336**

Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	12/11/1992
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

SWEEPS UST:

Status:	Not reported
Comp Number:	6831
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-006831-000001
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	5

Status:	Not reported
Comp Number:	6831
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-006831-000002
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	6831
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported

ARCO #230 (Continued) **U003932336**

SWRCB Tank Id: 38-000-006831-000003
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 6831
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-006831-000004
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 6831
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-006831-000005
Tank Status: Not reported
Capacity: 250
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Active
Comp Number: 6831
Number: 2
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-006831-000006
Tank Status: A
Capacity: 12000
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P

ARCO #230 (Continued) **U003932336**

Content: UNSPECIFIED
Number Of Tanks: 4

Status: Active
Comp Number: 6831
Number: 2
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-006831-000007
Tank Status: A
Capacity: 12000
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Active
Comp Number: 6831
Number: 2
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-006831-000008
Tank Status: A
Capacity: 12000
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Active
Comp Number: 6831
Number: 2
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-006831-000009
Tank Status: A
Capacity: 12000
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: Not reported

7 **HMIRS** **2004100241**
2190 CARROLL ST **N/A**
SAN FRANCISCO, CA

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

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8 **2497 SAN BRUNO AVE LLC** **HAZNET** **S118203312**
2497 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118203312
Year:	2014
GEPAID:	CAC002762518
Contact:	KASH FENG
Telephone:	4158102938
Mailing Name:	Not reported
Mailing Address:	2497 SAN BRUNO AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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8 **ARIELLE LIBERMAN** **HAZNET** **S118199199**
2497 SAN BRUNO AVE. **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118199199
Year:	2014
GEPAID:	CAC002757423
Contact:	ARIELLE LIBERMAN
Telephone:	4159484440
Mailing Name:	Not reported
Mailing Address:	2497 SAN BRUNO AVE.
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

8 **RICHARD PARODI, DDS** **HAZNET** **S113060769**
2497 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113060769
Year:	2009
GEPAID:	CAL000104680
Contact:	RICHARD PARODI DDS/BETTY A PARODI
Telephone:	4159310868
Mailing Name:	Not reported
Mailing Address:	3530 BRODERICK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941231409
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.10425
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113060769
Year:	2008
GEPAID:	CAL000104680
Contact:	RICHARD PARODI DDS
Telephone:	4154683756
Mailing Name:	Not reported
Mailing Address:	2497 SAN BRUNO AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340000
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.10425
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113060769
Year:	2007
GEPAID:	CAL000104680
Contact:	RICHARD PARODI DDS
Telephone:	4154683756
Mailing Name:	Not reported
Mailing Address:	2497 SAN BRUNO AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340000
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.11
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

RICHARD PARODI, DDS (Continued) **S113060769**

envid: S113060769
Year: 2006
GEPAID: CAL000104680
Contact: RICHARD PARODI DDS
Telephone: 4154683756
Mailing Name: Not reported
Mailing Address: 2497 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113060769
Year: 2005
GEPAID: CAL000104680
Contact: RICHARD PARODI DDS
Telephone: 4154683756
Mailing Name: Not reported
Mailing Address: 2497 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

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9 **CHANDLER H J & SON** **EDR Hist Auto** **1008999213**
1090 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name: CHANDLER H J & SON
Year: 1935
Type: GASOLINE AND OIL SERVICE STATION

Name: CHANDLER H J & SON
Year: 1935
Type: GASOLINE AND OIL SERVICE STATIONS

Name: CHANDLER H J & SON
Year: 1935
Type: GASOLINE AND OIL SERVICE STATION

Name: CHANDLER & SON
Year: 1940

CHANDLER H J & SON (Continued) **1008999213**

Type: GASOLINE AND OIL SERVICE STATIONS

Name: CHANDLER & SON
Year: 1940
Type: GASOLINE AND OIL SERVICE STATION

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10 **NORETHA JONES** **HAZNET** **S118919576**
2042 BANCROFT AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S118919576
Year:	2015
GEPAID:	CAC002815833
Contact:	STEVE MONGAN
Telephone:	4155644500
Mailing Name:	Not reported
Mailing Address:	2042 BANCROFT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242506
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

---

11 **CHMIRS** **S105662207**
296 WILLIAMS AVE **N/A**
SAN FRANCISCO, CA

CHMIRS:

OES Incident Number:	9-1486
OES notification:	04/04/1999
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported

(Continued) **S105662207**

Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1999
Agency:	Citizen
Incident Date:	3/30/199912:00:00 AM
Admin Agency:	San Francisco County Health Department
Amount:	Not reported
Contained:	No
Site Type:	Road
E Date:	Not reported
Substance:	unk
Gallons:	2
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	leaking from rear (bed) of truck (cal Lic #4Y06865). Into a dry gutter on road 12 ft. from drain. Happened before.

12 **ZUPO S FASHION FLOORS** **EDR Hist Cleaner** **1009182431**
2498 SAN BRUNO AV CARPETS RUGS AND FLOOR **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:
Name: ZUPO S FASHION FLOORS
Year: 1982
Type: CLEANERS

---

12 **WALGREENS #1626** **RCRA-LQG** **1016954377**
2494 SAN BRUNO AVE **CAL000323848**
SAN FRANCISCO, CA 94134

RCRA-LQG:
Date form received by agency: 04/12/2016
Facility name: WALGREENS #1626
Facility address: 2494 SAN BRUNO AVE
SAN FRANCISCO, CA 94134
EPA ID: CAL000323848
Mailing address: GREYHAWK CT
SUITE 200
CARLSBAD, CA 92010
Contact: KARINA ROMERO
Contact address: GREYHAWK CT SUITE 200
CARLSBAD, CA 92010
Contact country: US
Contact telephone: (760) 602-8700
Contact email: REGULATORY@3ECOMPANY.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: WALGREEN CO.
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/06/1986
Owner/Op end date: Not reported

Owner/operator name: FOUAD MALOUF
Owner/operator address: MANOR DRIVE
HILLSBOROUGH, CA 94010
Owner/operator country: US
Owner/operator telephone: (415) 347-1026

WALGREENS #1626 (Continued) **1016954377**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/26/2006
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 122
. Waste name: 122

. Waste code: 131
. Waste name: 131

. Waste code: 214
. Waste name: 214

. Waste code: 311
. Waste name: 311

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010
. Waste name: SELENIUM

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Historical Generators:

WALGREENS #1626 (Continued) **1016954377**

Date form received by agency: 06/07/2014
Site name: WALGREENS #1626
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

. Waste code: U165
. Waste name: NAPHTHALENE

Violation Status: No violations found

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12 **WALGREENS** **HAZNET** **S112931828**
2494 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112931828
Year: 2003
GEPAID: CAC002568520
Contact: MICHAEL FREDERICO/PHARMACY MGR
Telephone: 4154684274
Mailing Name: Not reported
Mailing Address: 2494 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: IND000646943
TSD County: Not reported
Waste Category: Laboratory waste chemicals
Disposal Method: Disposal, Other
Tons: 0
Cat Decode: Not reported

WALGREENS (Continued) **S112931828**

Method Decode: Not reported
Facility County: San Francisco

envid: S112931828
Year: 2003
GEPAID: CAC002568520
Contact: MICHAEL FREDERICO/PHARMACY MGR
Telephone: 4154684274
Mailing Name: Not reported
Mailing Address: 2494 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: IND000646943
TSD County: Not reported
Waste Category: Laboratory waste chemicals
Disposal Method: Treatment, Incineration
Tons: 0
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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12 **WALGREENS #1626** **FINDS** **1017391709**
2494 SAN BRUNO AVE **ECHO** **N/A**
SAN FRANCISCO, CA 94134

FINDS:

Registry ID: 110062904166

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

ECHO:
Envid: 1017391709
Registry ID: 110062904166
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110062904166

12 **WALGREENS #1626** **HAZNET** **S113149410**
2494 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113149410
Year:	2015
GEPAID:	CAL000323848
Contact:	KARINA ROMERO
Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	3207 GREY HAWK CT., SUITE 200
Mailing City,St,Zip:	CARLSBAD, CA 920100000
Gen County:	San Francisco
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Pharmaceutical waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0085
Cat Decode:	Pharmaceutical waste
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S113149410
Year:	2015
GEPAID:	CAL000323848
Contact:	KARINA ROMERO
Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	3207 GREY HAWK CT., SUITE 200
Mailing City,St,Zip:	CARLSBAD, CA 920100000
Gen County:	San Francisco
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Pesticides and other waste associated with pesticide production
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.001
Cat Decode:	Pesticides and other waste associated with pesticide production
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S113149410
Year:	2015
GEPAID:	CAL000323848
Contact:	KARINA ROMERO
Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	3207 GREY HAWK CT., SUITE 200
Mailing City,St,Zip:	CARLSBAD, CA 920100000
Gen County:	San Francisco
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Unspecified solvent mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

WALGREENS #1626 (Continued) **S113149410**

Tons: 0.038
Cat Decode: Unspecified solvent mixture
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Francisco

envid: S113149410
Year: 2015
GEPAID: CAL000323848
Contact: KARINA ROMERO
Telephone: 7606028700
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT., SUITE 200
Mailing City,St,Zip: CARLSBAD, CA 920100000
Gen County: San Francisco
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Francisco

envid: S113149410
Year: 2015
GEPAID: CAL000323848
Contact: KARINA ROMERO
Telephone: 7606028700
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT., SUITE 200
Mailing City,St,Zip: CARLSBAD, CA 920100000
Gen County: San Francisco
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Neutralization Only
Tons: 0.0195
Cat Decode: Alkaline solution without metals pH >= 12.5
Method Decode: Neutralization Only
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
44 additional CA_HAZNET: record(s) in the EDR Site Report.

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13 **REPLANET LLC** **SWRCY** **S102799510**
345 WILLIAMS AVE **N/A**
SAN FRANCISCO, CA 94124

SWRCY:
Reg Id: 156684
Cert Id: RC156684.001
Mailing Address: 800 N Haven Ave Suite 120
Mailing City: Ontario
Mailing State: CA
Mailing Zip Code: 91764

REPLANET LLC (Continued) **S102799510**

Website:	http://www.replanet.com
Email:	Not reported
Phone Number:	(951) 520-1700
Grand Father:	N
Rural:	N
Operation Begin Date:	05/01/2012
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Agency:	N/A
Monday Hours Of Operation:	9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
Tuesday Hours Of Operation:	9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
Wednesday Hours Of Operation:	9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
Thursday Hours Of Operation:	9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
Friday Hours Of Operation:	9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
Saturday Hours Of Operation:	9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
Sunday Hours Of Operation:	9:00 am - 5:00 pm; Closed 1:00 pm - 1:30 pm
Organization ID:	151891
Organization Name:	rePlanet LLC

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13 **CALA FOODS** **HAZNET** **S112855806**
345 WILLIAMS AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112855806
Year:	1994
GEPAID:	CAC000952984
Contact:	CALA FOODS
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	26500 CORPORATE AVE
Mailing City,St,Zip:	HAYWARD, CA 945450000
Gen County:	Not reported
TSD EPA ID:	CAD044429935
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Treatment, Incineration
Tons:	.0300
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112855806
Year:	1994
GEPAID:	CAC000952984
Contact:	CALA FOODS
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	26500 CORPORATE AVE
Mailing City,St,Zip:	HAYWARD, CA 945450000
Gen County:	Not reported
TSD EPA ID:	CAD044429935
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Treatment, Incineration
Tons:	.0500

CALA FOODS (Continued) **S112855806**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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13 **FOOD 4 LESS #351** **HAZNET** **S113150228**
345 WILLIAMS AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S113150228
Year: 2015
GEPAID: CAL000325851
Contact: SHERRIE WALTERS
Telephone: 3108844016
Mailing Name: Not reported
Mailing Address: P.O. BOX 54143
Mailing City,St,Zip: LOS ANGELES, CA 900540000
Gen County: San Francisco
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.032
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Francisco

envid: S113150228
Year: 2015
GEPAID: CAL000325851
Contact: SHERRIE WALTERS
Telephone: 3108844016
Mailing Name: Not reported
Mailing Address: P.O. BOX 54143
Mailing City,St,Zip: LOS ANGELES, CA 900540000
Gen County: San Francisco
TSD EPA ID: OKD000402396
TSD County: 99
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: H110
Tons: 0.04
Cat Decode: Alkaline solution without metals pH >= 12.5
Method Decode: Not reported
Facility County: San Francisco

envid: S113150228
Year: 2015
GEPAID: CAL000325851
Contact: SHERRIE WALTERS
Telephone: 3108844016
Mailing Name: Not reported
Mailing Address: P.O. BOX 54143
Mailing City,St,Zip: LOS ANGELES, CA 900540000
Gen County: San Francisco
TSD EPA ID: OKD000402396
TSD County: 99

FOOD 4 LESS #351 (Continued) **S113150228**

Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1655
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco
envid:	S113150228
Year:	2015
GEPAID:	CAL000325851
Contact:	SHERRIE WALTERS
Telephone:	3108844016
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 54143
Mailing City,St,Zip:	LOS ANGELES, CA 900540000
Gen County:	San Francisco
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Alkaline solution without metals pH >= 12.5
Disposal Method:	Neutralization Only
Tons:	0.0225
Cat Decode:	Alkaline solution without metals pH >= 12.5
Method Decode:	Neutralization Only
Facility County:	San Francisco
envid:	S113150228
Year:	2014
GEPAID:	CAL000325851
Contact:	MELISSA PENA
Telephone:	3108844016
Mailing Name:	Not reported
Mailing Address:	PO BOX 54143
Mailing City,St,Zip:	LOS ANGELES, CA 900540000
Gen County:	San Francisco
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Alkaline solution without metals pH >= 12.5
Disposal Method:	Neutralization Only
Tons:	0.003
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
13 additional CA_HAZNET: record(s) in the EDR Site Report.

14 **ALEXANDER SAM** **HAZNET** **S118229725**
2027 BANCROFT AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S118229725
Year:	2014
GEPAID:	CAC002797770
Contact:	ALEXANDER SAM
Telephone:	4159050515
Mailing Name:	Not reported
Mailing Address:	2027 BANCROFT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242505
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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15 **MINI KATH** **EDR Hist Cleaner** **1009128312**
2517 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	MINI KATH
Year:	1930
Type:	LAUNDRIES-STEAM
Name:	MINI KATH
Year:	1930
Type:	LAUNDRIES-STEA

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16 **CCSF/SFPD/BAYVIEW** **UST** **U003965952**
201 WILLIAMS AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	28801
Facility Status:	Not reported
Number Of Tanks:	Not reported
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	San Francisco
Care Of Addr:	Officer Ivan
2nd Care Of Add:	Not reported
Mailing Address:	Hall of Justice
Mailing City,St,Zip:	San Francisco, CA
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	Not reported
Application Name:	Not reported

CCSF/SFPD/BAYVIEW (Continued) **U003965952**

Action Type:	1
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	28801001001
Tank Manufacturer:	Not reported
Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	550
Additional Desc:	Not reported
Tank Use:	1
Petroleum Type:	Diesel
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Suction
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fexible (HDPE - High Density Polyethylene
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported

CCSF/SFPD/BAYVIEW (Continued) **U003965952**

Last Annual Monitoring Cert:	7/17/2008
2nd Containment Test:	Not reported
Spill Containment Present:	No
Drop Tube Present:	No
Striker Plate Present:	No
Alarm Present:	No
Ball Float Present:	No
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported

CCSF/SFPD/BAYVIEW (Continued) **U003965952**

Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

---

17 **AVENUE FRENCH CLEANERS & TAILOR** **RCRA-SQG** **1000323242**
2544 SAN BRUNO AVE **FINDS** **CAD982329583**
SAN FRANCISCO, CA 94134 **ECHO**

RCRA-SQG:

Date form received by agency:	12/15/1987
Facility name:	AVENUE FRENCH CLEANERS & TAILOR
Facility address:	2544 SAN BRUNO AVE SAN FRANCISCO, CA 94134
EPA ID:	CAD982329583
Mailing address:	SAN BRUNO AVE SAN FRANCISCO, CA 94134
Contact:	ENVIRONMENTAL MANAGER
Contact address:	2544 SAN BRUNO AVE SAN FRANCISCO, CA 94134
Contact country:	US
Contact telephone:	(415) 468-1555
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ANTRANIK A BIKLIAN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported

AVENUE FRENCH CLEANERS & TAILOR (Continued) **1000323242**

Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110001153858

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000323242
Registry ID: 110001153858
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110001153858

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17 **AVENUE FRENCH CLEANERS** **HAZNET** **S113022417**
2544 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S113022417
Year: 1995
GEPAID: CAL000002220
Contact: ANTRANIK A BIKLIAN
Telephone: 4154681555
Mailing Name: Not reported
Mailing Address: 2544 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341505
Gen County: Not reported

AVENUE FRENCH CLEANERS (Continued) **S113022417**

TSD EPA ID: CAT000613943
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .0975
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113022417
Year: 1994
GEPAID: CAL000002220
Contact: ANTRANIK A BIKLIAN
Telephone: 4154681555
Mailing Name: Not reported
Mailing Address: 2544 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341505
Gen County: Not reported
TSD EPA ID: CAT000613943
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .4875
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113022417
Year: 1993
GEPAID: CAL000002220
Contact: ANTRANIK A BIKLIAN
Telephone: 4154681555
Mailing Name: Not reported
Mailing Address: 2544 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341505
Gen County: Not reported
TSD EPA ID: CAT000613943
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: 0.44
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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17 **CAMBOU J L** **EDR Hist Cleaner** **1009130158**
2544 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:
Name: CAMBOU LEON
Year: 1940
Type: CLOTHES PRESSERS AND CLEANER

Name: CAMBOU LEON
Year: 1940
Type: CLOTHES PRESSERS AND CLEANERS

CAMBOU J L (Continued) **1009130158**

Name: CAMBOU J L
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

Name: CAMBOU J L
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

Name: PECKHAM E W
Year: 1949
Type: CLEANERS AND DYERS

Name: AVENUE FRENCH CLEANERS & DYERS
Year: 1953
Type: CLEANERS AND DYERS

Name: AVENUE FRENCH CLEANERS & DYERS
Year: 1958
Type: CLEANERS AND DYERS

Name: AVENUE FRENCH CLEANERS & DYERS
Year: 1962
Type: CLEANERS AND DYERS

Name: AVENUE FRENCH CLEANERS & DYERS
Year: 1966
Type: CLEANERS AND DYERS

Name: AVENUE FRENCH CLEANERS & DYERS
Year: 1971
Type: CLEANERS AND DYERS

Name: AVENUE FRENCH CLEANERS & TAILORS
Year: 1977
Type: CLEANERS AND DYERS

Name: AVENUE FRENCH CLEANERS & TAILORS
Year: 1977
Type: CLEANERS AND DYERS

Name: AVENUE FRENCH CLEANERS & TAILORS
Year: 1982
Type: CLEANERS AND DYERS

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17 **AVENUE FRENCH CLEANERS & TAILO** **EMI** **S106826491**
2544 SAN BRUNO AVENUE **N/A**
SAN FRANCISCO, CA 94134

EMI:

Year:	1990
County Code:	38
Air Basin:	SF
Facility ID:	5009
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

AVENUE FRENCH CLEANERS & TAILO (Continued) **S106826491**

Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	38
Air Basin:	SF
Facility ID:	5009
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	38
Air Basin:	SF
Facility ID:	5009
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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17 **CAMBOU LEAN** **EDR Hist Cleaner** **1009128357**
2542 SAN BRUNO AV **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	CAMBOU LEAN
Year:	1930
Type:	CLOTHES PRESSERS AND CLEANER

Name:	CAMBOU LEAN
Year:	1930
Type:	CLOTHES PRESSERS AND CLEANERS

Name:	COOPER BENJ
Year:	1935
Type:	CLOTHES PRESSERS AND CLEANERS

17 **CHMIRS** **S105643521**
N/A

2542 SAN BRUNO AVE, A SIDEWALK POLE
SAN FRANCISCO, CA 94110

CHMIRS:

OES Incident Number:	16342
OES notification:	Not reported
OES Date:	11/4/1996
OES Time:	12:38:37 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	pg&e and contractor
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	pg&E
Incident Date:	1420 01 Nov 96
Admin Agency:	Not reported
Amount:	aprox 1 qt
Contained:	NO
Site Type:	OTHER
E Date:	Not reported
Substance:	transformer oil, 65 ppm pcbs
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO

(Continued) **S105643521**

#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	transformer failed and leaked

---

17 **ERNS** **96366546**

2542 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

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17 **ROAD CLEANERS** **EDR Hist Cleaner** **1009132143**

2512 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	ROAD CLEANERS
Year:	1962
Type:	CLEANERS AND DYERS
Name:	ROAD CLEANERS
Year:	1962
Type:	CLEANERS AND DYERS
Name:	ROAD CLEANERS
Year:	1966
Type:	CLEANERS AND DYERS
Name:	ROAD CLEANERS
Year:	1966
Type:	CLEANERS AND DYERS
Name:	ROAD CLEANERS THE
Year:	1971
Type:	CLEANERS AND DYERS
Name:	ROAD CLEANERS THE
Year:	1971
Type:	CLEANERS AND DYERS

17 **CAMBOU LEON** **EDR Hist Cleaner** **1009130522**
2500 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	CAMBOU LEON
Year:	1935
Type:	CLOTHES PRESSERS AND CLEANERS
Name:	CAMBOU LEON
Year:	1935
Type:	CLOTHES PRESSERS AND CLEANER

---

17 **O'REILLY AUTO PARTS #3139** **HAZNET** **S118234801**
2500 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118234801
Year:	2015
GEPAID:	CAL000392451
Contact:	JOHN BOUNDS
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	233 S PATTERSON
Mailing City,St,Zip:	SPRINGFIELD, MO 658020000
Gen County:	San Francisco
TSD EPA ID:	CAD980675276
TSD County:	Kern
Waste Category:	Other organic solids
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.05
Cat Decode:	Other organic solids
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco
envid:	S118234801
Year:	2015
GEPAID:	CAL000392451
Contact:	JOHN BOUNDS
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	233 S PATTERSON
Mailing City,St,Zip:	SPRINGFIELD, MO 658020000
Gen County:	San Francisco
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.35
Cat Decode:	Other inorganic solid waste
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco
envid:	S118234801
Year:	2015

O'REILLY AUTO PARTS #3139 (Continued) **S118234801**

GEPAID:	CAL000392451
Contact:	JOHN BOUNDS
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	233 S PATTERSON
Mailing City,St,Zip:	SPRINGFIELD, MO 658020000
Gen County:	San Francisco
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.525
Cat Decode:	Unspecified oil-containing waste
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S118234801
Year:	2014
GEPAID:	CAL000392451
Contact:	JOHN BOUNDS
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	233 S PATTERSON AVE
Mailing City,St,Zip:	SPRINGFIELD, MO 658020000
Gen County:	San Francisco
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S118234801
Year:	2014
GEPAID:	CAL000392451
Contact:	JOHN BOUNDS
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	233 S PATTERSON AVE
Mailing City,St,Zip:	SPRINGFIELD, MO 658020000
Gen County:	San Francisco
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.02
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

O'REILLY AUTO PARTS #3139 (Continued) **S118234801**

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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17 **KRAGEN AUTO PARTS #1668** **FINDS** **1007675351**
2500 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

FINDS:

Registry ID: 110017953981

Environmental Interest/Information System
UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

Registry ID: 110055906104

Environmental Interest/Information System
STATE MASTER

---

17 **KRAGEN #1668** **HAZNET** **S113081329**
2500 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113081329
Year:	2013
GEPAID:	CAL000147875
Contact:	John Bounds
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	233 S PATTERSON AVE
Mailing City,St,Zip:	SPRINGFIELD, MO 658020000
Gen County:	San Francisco
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.005
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S113081329
Year:	2013
GEPAID:	CAL000147875
Contact:	John Bounds
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	233 S PATTERSON AVE
Mailing City,St,Zip:	SPRINGFIELD, MO 658020000
Gen County:	San Francisco
TSD EPA ID:	CAD059494310

KRAGEN #1668 (Continued) **S113081329**

TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S113081329
Year:	2013
GEPAID:	CAL000147875
Contact:	John Bounds
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	233 S PATTERSON AVE
Mailing City,St,Zip:	SPRINGFIELD, MO 658020000
Gen County:	San Francisco
TSD EPA ID:	TXD077603371
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.05
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S113081329
Year:	2013
GEPAID:	CAL000147875
Contact:	John Bounds
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	233 S PATTERSON AVE
Mailing City,St,Zip:	SPRINGFIELD, MO 658020000
Gen County:	San Francisco
TSD EPA ID:	TXD077603371
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.025
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S113081329
Year:	2009
GEPAID:	CAL000147875
Contact:	JAMI GAY
Telephone:	4175204589
Mailing Name:	Not reported
Mailing Address:	PO BOX 1156
Mailing City,St,Zip:	SPRINGFIELD, MO 658011156
Gen County:	Not reported
TSD EPA ID:	WIR000029751
TSD County:	Not reported

KRAGEN #1668 (Continued) **S113081329**

Waste Category: Unspecified oil-containing waste
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.075
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

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17 **ORTEZ VINCENT** **EDR Hist Auto** **1008999565**
2500 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: ORTEZ VINCENT
Year: 1940
Type: GASOLINE AND OIL SERVICE STATION

Name: ORTEZ VINCENT
Year: 1940
Type: GASOLINE AND OIL SERVICE STATIONS

---

18 **TRACEYS FLOOR COMPANY** **HAZNET** **S112864761**
2541 SAN BRUNO AVENUE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112864761
Year: 1995
GEPAID: CAC001070208
Contact: TOM TRACEY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2541 SAN BRUNO AVENUE
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: .8131
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112864761
Year: 1995
GEPAID: CAC001070208
Contact: TOM TRACEY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2541 SAN BRUNO AVENUE
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported

TRACEYS FLOOR COMPANY (Continued) **S112864761**

TSD EPA ID:	CAD000088252
TSD County:	Not reported
Waste Category:	Invalid waste code
Disposal Method:	Transfer Station
Tons:	.0275
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

19 **MAYTA & JENSEN** **UST** **U003904023**
101 WILLIAMS AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	7637
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	2/23/1988
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	2/23/1988
UST Close ID:	107
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported

MAYTA & JENSEN (Continued) **U003904023**

Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

---

19 **MAYTA & JENSEN** **CA FID UST** **1000394669**
101 WILLIAMS AVE **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38002670
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	101 WILLIAMS AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported

MAYTA & JENSEN (Continued) **1000394669**

EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 7637
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-007637-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: 2

Status: Not reported
Comp Number: 7637
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-007637-000002
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Active
Comp Number: 7637
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

20 **SLMADOR MFG CO** **EDR Hist Auto** **1009001111**
141 WILLIAMS AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	SIMADOR MFG CO
Year:	1962
Type:	AUTOMOBILE REPAIRING
Name:	SLMADOR MFG CO
Year:	1962
Type:	AUTOMOBILE REPAIRING

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21 **J&L FOOD MART / JACK SHELL** **RGA LUST** **S114636189**
12105 DONNER PASS RD **N/A**
NEVADA, CA

RGA LUST:

2004 J&L FOOD MART / JACK SHELL 12105 DONNER PASS RD

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22 **EDR Hist Cleaner** **1015029231**
2556 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:

Name:	V I P COIN OP LAUNDRY
Year:	2005
Address:	2556 SAN BRUNO AVE
Name:	VIP COIN OP LAUNDRY
Year:	2008
Address:	2556 SAN BRUNO AVE

---

22 **PROPERTY** **UST** **U004003901**
2565 SAN BRUNO AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	23689
Facility Status:	Not reported
Number Of Tanks:	Not reported
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	8/26/1992
Application Name:	Not reported

PROPERTY (Continued) **U004003901**

Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	11/25/1992
UST Close ID:	1079
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	1/12/2000

PROPERTY (Continued) **U004003901**

Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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23 **O'KEEFFES INC.** **UST** **U004003837**
75 WILLIAMS AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	4555
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	3/7/1990
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	10/30/1990
UST Close ID:	636
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported

O'KEEFFES INC. (Continued) **U004003837**

Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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23 **O'KEEFE, INC.** **HIST CORTESE** **S101592221**
75 WILLIAMS AVE **LUST** **N/A**
SAN FRANCISCO, CA 94124 **CA FID UST**
SWEEPS UST

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0509

LUST:

Region:	STATE
Global Id:	T0607500455
Latitude:	37.72922
Longitude:	-122.394641
Case Type:	LUST Cleanup Site

O'KEEFE, INC. (Continued) **S101592221**

Status:	Completed - Case Closed
Status Date:	06/13/1994
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	38-0509
LOC Case Number:	10263
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500455
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0607500455
Status:	Open - Case Begin Date
Status Date:	06/08/1990

Global Id:	T0607500455
Status:	Completed - Case Closed
Status Date:	06/13/1994

Regulatory Activities:

Global Id:	T0607500455
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported

Global Id:	T0607500455
Action Type:	Other
Date:	06/08/1990
Action:	Leak Discovery

LUST REG 2:

Region:	2
Facility Id:	38-0509
Facility Status:	Case Closed
Case Number:	10263
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST

Prelim. Site Assesment Wokplan Submitted: Not reported

O'KEEFE, INC. (Continued) **S101592221**

Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0509
Facility Status:	Case Closed
Case Number:	10263
Case Type:	Soil only
Release Date:	6/4/1990
Discovered Date:	6/8/1990
Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	6/4/1990
Case Closed:	6/13/1994
Closed Date:	6/13/1994
Leak Source:	Tank
Leak Cause:	Corrosion
Leak Confirmed:	Not reported
Entered Date:	5/19/1994
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	CDM
Cross Street:	MANDELL ST
NOR Date:	5/19/1994
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Not reported
Abatement:	No Action Taken - no action has as yet been taken at the site
Enforcement Type:	2A
Enforcement Due Date:	Not reported
Basin:	Islais Basin

O'KEEFE, INC. (Continued) **S101592221**

Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	6/4/1990
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	2A
Amount of Free Produce:	Not reported
Benzene Test:	Not reported
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

CA FID UST:

Facility ID:	38001649
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4158224222
Mail To:	Not reported
Mailing Address:	820 LAGUNA HONDA BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	4555
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported

O'KEEFE, INC. (Continued) **S101592221**

Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-004555-000001
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	1
Status:	Active
Comp Number:	4555
Number:	1
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

---

23 **O'KEEFE INC** **RGA LUST** **S114662372**
75 WILLIAMS AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	O'KEEFE INC	75 WILLIAMS AVE
2001	O'KEEFE INC	75 WILLIAMS AVE
2000	O'KEEFE INC	75 WILLIAMS AVE
1998	O'KEEFE INC	75 WILLIAMS AVE
1997	O'KEEFE INC	75 WILLIAMS AVE
1996	O'KEEFE INC	75 WILLIAMS AVE
1995	O'KEEFE INC	75 WILLIAMS AVE
1993	O'KEEFE INC	75 WILLIAMS AVE

---

23 **O'KEEFFE'S INC** **EMI** **S106836534**
75 WILLIAMS AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	1996
County Code:	38
Air Basin:	SF
Facility ID:	9732
Air District Name:	BA
SIC Code:	3444
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0

O'KEEFFE'S INC (Continued) **S106836534**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	38
Air Basin:	SF
Facility ID:	9732
Air District Name:	BA
SIC Code:	3444
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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23 **O'KEEFE, INC.** **RGA LUST** **S114662373**
75 WILLIAMS AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	O'KEEFE, INC.	75 WILLIAMS AVE
2011	O'KEEFE, INC.	75 WILLIAMS AVE
2010	O'KEEFE, INC.	75 WILLIAMS AVE
2009	O'KEEFE, INC.	75 WILLIAMS AVE
2008	O'KEEFE, INC.	75 WILLIAMS AVE
2007	O'KEEFE, INC.	75 WILLIAMS AVE
2006	O'KEEFE, INC.	75 WILLIAMS AVE
2005	O'KEEFE, INC.	75 WILLIAMS AVE
2004	O'KEEFE, INC.	75 WILLIAMS AVE
2003	O'KEEFE, INC.	75 WILLIAMS AVE

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24 **T.W. DISCOUNT STORE** **FINDS** **1016334980**
2587 SAN BRUNO AVENUE **N/A**
SAN FRANCISCO, CA 94134

FINDS:

Registry ID: 110022300339

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

24 **T.W. DISCOUNT STORE** **FTTS** **1008218596**
2587 SAN BRUNO AVENUE **HIST FTTS** **N/A**
SAN FRANCISCO, CA 94134

FTTS INSP:

Inspection Number:	200305014335 1
Region:	09
Inspection Date:	05/01/03
Inspector:	DWILLIAMS
Violation occurred:	Yes
Investigation Type:	General Product Review
Investigation Reason:	For Cause, Government
Legislation Code:	FIFRA
Facility Function:	Marketplace

HIST FTTS INSP:

Inspection Number:	200305014335 1
Region:	09
Inspection Date:	Not reported
Inspector:	DWILLIAMS
Violation occurred:	Yes
Investigation Type:	General Product Review
Investigation Reason:	For Cause, Government
Legislation Code:	FIFRA
Facility Function:	Marketplace

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24 **BANNER CLEANERS** **EDR Hist Cleaner** **1009131153**
2577 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	BANNER CLEANERS
Year:	1949
Type:	CLEANERS AND DYERS
Name:	BANNER CLEANERS
Year:	1949
Type:	CLEANERS AND DYERS

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24 **EDR Hist Cleaner** **1015029471**
2575 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:

Name:	HO TAILORS & CLEANERS
Year:	2010
Address:	2575 SAN BRUNO AVE
Name:	HO TAILORS & CLEANERS
Year:	2011
Address:	2575 SAN BRUNO AVE
Name:	HO TAILORS & CLEANERS
Year:	2012
Address:	2575 SAN BRUNO AVE

25 **HYMAN PROPERTY** **RGA LUST** **S114634579**
2540 NEWHALL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1996	HYMAN PROPERTY	2540 NEWHALL ST
1995	HYMAN PROPERTY	2540 NEWHALL ST
1994	HYMAN PROPERTY	2540 NEWHALL ST
1993	HYMAN PROPERTY	2540 NEWHALL ST
1992	HYMAN PROPERTY	2540 NEWHALL ST

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25 **SIRUS INVESTMENT CO.** **HIST CORTESE** **S100233493**
2540 NEWHALL STREET **LUST** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0184

LUST:

Region:	STATE
Global Id:	T0607500159
Latitude:	37.729199
Longitude:	-122.398883
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/05/1997
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	SC
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0184
LOC Case Number:	10304
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500159
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0607500159
Contact Type:	Local Agency Caseworker
Contact Name:	STEPHANIE CUSHING
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET #210
City:	SAN FRANCISCO
Email:	stephanie.cushing@sfdph.org
Phone Number:	Not reported

SIRUS INVESTMENT CO. (Continued) **S100233493**

Status History:

Global Id:	T0607500159
Status:	Open - Case Begin Date
Status Date:	03/21/1989
Global Id:	T0607500159
Status:	Completed - Case Closed
Status Date:	06/05/1997

Regulatory Activities:

Global Id:	T0607500159
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported
Global Id:	T0607500159
Action Type:	ENFORCEMENT
Date:	06/05/1997
Action:	Closure/No Further Action Letter - #10304
Global Id:	T0607500159
Action Type:	Other
Date:	03/21/1989
Action:	Leak Discovery

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25 **ALFRED HYMAN** **UST** **U004003411**
2540 NEWHALL ST **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	24870
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	12/16/1988
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported

ALFRED HYMAN (Continued) **U004003411**

# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	1/23/1989
UST Close ID:	215
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

25 **SIRUS INVESTMENT CO.** **LUST** **S104025396**
2540 NEWHALL STREET **N/A**
SAN FRANCISCO, CA 94124

LUST REG 2:

Region:	2
Facility Id:	38-0184
Facility Status:	Case Closed
Case Number:	10304
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0184
Facility Status:	Case Closed
Case Number:	10304
Case Type:	Other ground water affected
Release Date:	2/8/1989
Discovered Date:	3/21/1989
Substance:	Diesel
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	2/8/1989
Case Closed:	6/5/1997
Closed Date:	6/5/1997
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	10/17/1994
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	SC
Cross Street:	EGBERT AVE
NOR Date:	10/17/1994
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported

SIRUS INVESTMENT CO. (Continued) **S104025396**

Workplan Submitted:	Not reported
Assessment Underway:	10/30/1989
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Yes
Priority:	Not reported
Abatement:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Enforcement Type:	2A
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	3/21/1989
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Diesel fuel oil
Enforcement Type:	2A
Amount of Free Produce:	Not reported
Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

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25 **SIRUS INVESTMENT COMPANY** **RGA LUST** **S114691686**
2540 NEWHALL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	SIRUS INVESTMENT COMPANY	2540 NEWHALL ST
2001	SIRUS INVESTMENT COMPANY	2540 NEWHALL ST
2000	SIRUS INVESTMENT COMPANY	2540 NEWHALL ST

25 **SIRIUS INVESTMENT CO** **RGA LUST** **S114691683**
2540 NEWHALL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1997	SIRIUS INVESTMENT CO	2540 NEWHALL ST

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25 **SIRUS INVESTMENT CO.** **RGA LUST** **S114691685**
2540 NEWHALL STREET **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	SIRUS INVESTMENT CO.	2540 NEWHALL STREET
2011	SIRUS INVESTMENT CO.	2540 NEWHALL STREET
2010	SIRUS INVESTMENT CO.	2540 NEWHALL STREET
2009	SIRUS INVESTMENT CO.	2540 NEWHALL STREET
2008	SIRUS INVESTMENT CO.	2540 NEWHALL STREET
2007	SIRUS INVESTMENT CO.	2540 NEWHALL STREET
2006	SIRUS INVESTMENT CO.	2540 NEWHALL STREET
2005	SIRUS INVESTMENT CO.	2540 NEWHALL STREET
2004	SIRUS INVESTMENT CO.	2540 NEWHALL STREET
2003	SIRUS INVESTMENT CO.	2540 NEWHALL STREET

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25 **ALFRED HYMAN** **CA FID UST** **S101591954**
2540 NEWHALL ST **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38000226
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	2540 NEWHALL ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	1870
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported

ALFRED HYMAN (Continued) **S101591954**

SWRCB Tank Id:	38-000-001870-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	2
Status:	Not reported
Comp Number:	1870
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-001870-000002
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported
Status:	Active
Comp Number:	1870
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

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25 **SIRIUS INVESTMENT COMPANY** **RGA LUST** **S114691684**
2540 NEWHALL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1998 SIRIUS INVESTMENT COMPANY 2540 NEWHALL ST

26 **LUCKY LAGER BREWERY** **CA FID UST** **S101591963**
2601 NEWHALL ST **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38000246
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	2601 NEWHALL ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

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26 **GENERAL BREWING COMPANY** **FTTS** **1004444021**
2601 NEWHALL **HIST FTTS** **N/A**
SAN FRANCISCO, CA 94124

FTTS INSP:

Inspection Number:	1988113000991 1
Region:	09
Inspection Date:	11/30/88
Inspector:	ELLISON
Violation occurred:	Yes
Investigation Type:	Section 6 PCB Federal Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	1988113000991 1
Region:	09
Inspection Date:	Not reported
Inspector:	ELLISON
Violation occurred:	Yes
Investigation Type:	Section 6 PCB Federal Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	TSCA
Facility Function:	User

26 **GENERAL BREWING COMPANY** **FINDS** **1016293695**
2601 NEWHALL **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110011659115

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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26 **GENERAL BREWING COMPANY** **HIST FTTS** **1008180690**
2601 NEWHALL AVE **N/A**
SAN FRANCISCO, CA 94132

HIST FTTS:

Case Number:	Not reported
Docket Number:	09-89-0007
Complaint Issue Date:	04/20/1989
Abatement Amount:	200000.000
Proposed Penalty:	50000.0000
Final Assessment:	35000.0000
Final Order Date:	09/29/1989
Close Date:	/ /
Violations(s):	PCB, Use
	PCB, Label or Marking
	PCB, Failure to Maintain Records
	PCB, Dispose

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26 **GENERAL BREWING COMPANY** **FTTS** **1010004441**
2601 NEWHALL AVE **N/A**
SAN FRANCISCO, CA 94132

FTTS:

Case Number:	Not reported
Docket Number:	09-89-0007
Complaint Issue Date:	04/20/89
Abatement Amount:	200000.0000
Proposed Penalty:	50000.0000
Final Assessment:	35000.0000
Final Order Date:	09/29/89
Close Date:	/ /
Violations(s):	PCB, Use
	PCB, Label or Marking
	PCB, Failure to Maintain Records
	PCB, Dispose

26 **1X GENERAL BREWING COMPANY** **HAZNET** **S113017160**
2601 NEWHALL STREET **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113017160
Year:	1993
GEPAID:	CAD982515777
Contact:	GENERAL BREWING COMPANY
Telephone:	2062609500
Mailing Name:	Not reported
Mailing Address:	PO BOX 4556 SUITE 300
Mailing City,St,Zip:	VANCOUVER, WA 986620556
Gen County:	Not reported
TSD EPA ID:	CAT000646117
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Disposal, Land Fill
Tons:	13.4848
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113017160
Year:	1993
GEPAID:	CAD982515777
Contact:	GENERAL BREWING COMPANY
Telephone:	2062609500
Mailing Name:	Not reported
Mailing Address:	PO BOX 4556 SUITE 300
Mailing City,St,Zip:	VANCOUVER, WA 986620556
Gen County:	Not reported
TSD EPA ID:	CAT000646117
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Not reported
Tons:	15.1704000000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113017160
Year:	1993
GEPAID:	CAD982515777
Contact:	GENERAL BREWING COMPANY
Telephone:	2062609500
Mailing Name:	Not reported
Mailing Address:	PO BOX 4556 SUITE 300
Mailing City,St,Zip:	VANCOUVER, WA 986620556
Gen County:	Not reported
TSD EPA ID:	CAD000646117
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Not reported
Tons:	0
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

1X GENERAL BREWING COMPANY (Continued) **S113017160**

envid: S113017160
Year: 1993
GEPAID: CAD982515777
Contact: GENERAL BREWING COMPANY
Telephone: 2062609500
Mailing Name: Not reported
Mailing Address: PO BOX 4556 SUITE 300
Mailing City,St,Zip: VANCOUVER, WA 986620556
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: 171.931199999
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113017160
Year: 1993
GEPAID: CAD982515777
Contact: GENERAL BREWING COMPANY
Telephone: 2062609500
Mailing Name: Not reported
Mailing Address: PO BOX 4556 SUITE 300
Mailing City,St,Zip: VANCOUVER, WA 986620556
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: 15.1704000000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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26 **LUCKY LAGER (FORMER)** **LUST** **S100926641**
2601 NEWHALL STREET **N/A**
SAN FRANCISCO, CA 94124

LUST REG 2:
Region: 2
Facility Id: 38-0205
Facility Status: Case Closed
Case Number: 10333
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported

LUCKY LAGER (FORMER) (Continued) **S100926641**

Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0205
Facility Status:	Case Closed
Case Number:	10333
Case Type:	Other ground water affected
Release Date:	2/6/1992
Discovered Date:	10/21/1991
Substance:	Diesel
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	2/6/1992
Case Closed:	10/17/1997
Closed Date:	10/17/1997
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	11/21/1994
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	S & P CO.
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	SC
Cross Street:	EGBERT AVE
NOR Date:	11/21/1994
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	1/23/1992
Pollution Characterization:	5/1/1992
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Yes
Priority:	Not reported
Abatement:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Enforcement Type:	2A
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported

LUCKY LAGER (FORMER) (Continued) **S100926641**

Suspended:	No
Stopped Date:	1/23/1992
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Diesel fuel oil
Enforcement Type:	2A
Amount of Free Produce:	Not reported
Benzene Test:	ND
Maximum Soil GW:	ND
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

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26 **LUCKY LAGER (FORMER)** **RGA LUST** **S114645879**
2601 NEWHALL STREET **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	LUCKY LAGER (FORMER)	2601 NEWHALL STREET
2011	LUCKY LAGER (FORMER)	2601 NEWHALL STREET

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26 **LUCKY LAGER FORMER** **RGA LUST** **S114645881**
2601 NEWHALL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	LUCKY LAGER FORMER	2601 NEWHALL ST
2001	LUCKY LAGER FORMER	2601 NEWHALL ST
2000	LUCKY LAGER FORMER	2601 NEWHALL ST

26 **LUCKY LAGER BREWERY** **RGA LUST** **S114645880**
2601 NEWHALL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1998	LUCKY LAGER BREWERY	2601 NEWHALL ST
1997	LUCKY LAGER BREWERY	2601 NEWHALL ST
1996	LUCKY LAGER BREWERY	2601 NEWHALL ST
1995	LUCKY LAGER BREWERY	2601 NEWHALL ST
1994	LUCKY LAGER BREWERY	2601 NEWHALL ST
1993	LUCKY LAGER BREWERY	2601 NEWHALL ST

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26 **LUCKY LAGER (FORMER)** **HIST CORTESE** **S101308332**
2601 NEWHALL STREET **LUST** **N/A**
SAN FRANCISCO, CA 94124 **SWEEPS UST**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0205

LUST:

Region:	STATE
Global Id:	T0607500175
Latitude:	37.729175
Longitude:	-122.397749
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/17/1997
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	SC
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0205
LOC Case Number:	10333
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500175
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0607500175
Contact Type:	Local Agency Caseworker
Contact Name:	STEPHANIE CUSHING
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET #210
City:	SAN FRANCISCO
Email:	stephanie.cushing@sfdph.org
Phone Number:	Not reported

LUCKY LAGER (FORMER) (Continued) **S101308332**

Status History:

Global Id:	T0607500175
Status:	Open - Case Begin Date
Status Date:	10/21/1991
Global Id:	T0607500175
Status:	Completed - Case Closed
Status Date:	10/17/1997

Regulatory Activities:

Global Id:	T0607500175
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported
Global Id:	T0607500175
Action Type:	ENFORCEMENT
Date:	10/17/1997
Action:	Closure/No Further Action Letter - #10333
Global Id:	T0607500175
Action Type:	Other
Date:	10/21/1991
Action:	Leak Discovery

SWEEPS UST:

Status:	Not reported
Comp Number:	9645
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-009645-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	2
Status:	Not reported
Comp Number:	9645
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-009645-000002
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported

LUCKY LAGER (FORMER) (Continued) **S101308332**

Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

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26 **LUCKY LAGER (FORMER)** **RGA LUST** **S114645878**
2601 NEWHALL STREET **N/A**
SAN FRANCISCO, CA

RGA LUST:

2010	LUCKY LAGER (FORMER)	2601 NEWHALL STREET
2009	LUCKY LAGER (FORMER)	2601 NEWHALL STREET
2008	LUCKY LAGER (FORMER)	2601 NEWHALL STREET
2007	LUCKY LAGER (FORMER)	2601 NEWHALL STREET
2006	LUCKY LAGER (FORMER)	2601 NEWHALL STREET
2005	LUCKY LAGER (FORMER)	2601 NEWHALL STREET
2004	LUCKY LAGER (FORMER)	2601 NEWHALL STREET
2003	LUCKY LAGER (FORMER)	2601 NEWHALL STREET

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26 **LUCKY LAGER** **UST** **U004003783**
2601 NEWHALL ST **N/A**
, CA

SAN FRANCISCO CO. UST:
Facility ID: 24871
Facility Status: Not reported
Number Of Tanks: 1
Owner/Operator Name: Not reported
Owner/Operator Title: Not reported
Owner Name: Not reported
Care Of Addr: Not reported
2nd Care Of Add: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Permit Number: Not reported
Permit Approved By: Not reported
Permit Expiration Date: Not reported
Applications: Not reported
Application Date: 9/27/1991
Application Name: Not reported
Action Type: Not reported
Yr Spill/Overfill Installed1: Not reported
Yr Spill/Overfill Installed2: Not reported
Yr Spill/Overfill Installed3: Not reported

Tank ID: Not reported
Tank Test: Not reported
Local Tank Id: Not reported
Tank Manufacturer: Not reported
Compartmentalized Tank: Not reported
Of Tank Compartments: Not reported
Date Tank Installed: Not reported
Tank Capacity: Not reported
Additional Desc: Not reported
Tank Use: Not reported
Petroleum Type: Not reported

LUCKY LAGER (Continued) **U004003783**

Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	1/27/1992
UST Close ID:	910
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported

LUCKY LAGER (Continued) **U004003783**

# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	1/27/1992
UST Close ID:	909
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

27 **NORTH EAST MEDICAL SERVICES - SAN BRUNO PHARMACY** **HAZNET** **S118232783**
2574 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118232783
Year:	2015
GEPAID:	CAL000379057
Contact:	BONNIE KO SIU
Telephone:	4153525005
Mailing Name:	Not reported
Mailing Address:	1520 STOCKTON ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941333354
Gen County:	San Francisco
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Pharmaceutical waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0075
Cat Decode:	Pharmaceutical waste
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S118232783
Year:	2014
GEPAID:	CAL000379057
Contact:	JENNY ASINC, CLINIC OPTNS MGR
Telephone:	4153919686
Mailing Name:	Not reported
Mailing Address:	2574 SAN BRUNO AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341505
Gen County:	San Francisco
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Pharmaceutical waste
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.005
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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27 **NORTHEAST MEDICAL SERVICES** **HAZNET** **S112965539**
2574 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112965539
Year:	2007
GEPAID:	CAC002623174
Contact:	LINDA EIEN
Telephone:	4153919686
Mailing Name:	Not reported
Mailing Address:	1520 STOCKTON ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941333354
Gen County:	Not reported
TSD EPA ID:	CAD982042475
TSD County:	Not reported
Waste Category:	Asbestos containing waste

NORTHEAST MEDICAL SERVICES (Continued) **S112965539**

Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S112965539
Year:	2007
GEPAID:	CAC002623174
Contact:	LINDA EIEN
Telephone:	4153919686
Mailing Name:	Not reported
Mailing Address:	1520 STOCKTON ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941333354
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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28 **RAYMOND GRINSELL** **HAZNET** **S113790254**
230 BRUSSELS ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113790254
Year:	2012
GEPAID:	CAC002707939
Contact:	RAYMOND GRINSELL
Telephone:	6502437999
Mailing Name:	Not reported
Mailing Address:	230 BRUSSELS ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341404
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

29 **SAL BALISTRERI** **HAZNET** **S112905999**
1950 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112905999
Year:	1999
GEPAID:	CAC002231073
Contact:	SAL BALISTRERI
Telephone:	4156477690
Mailing Name:	Not reported
Mailing Address:	629 BRYANT ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941070000
Gen County:	Not reported
TSD EPA ID:	CAT000646117
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Treatment, Tank
Tons:	.2250
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112905999
Year:	1999
GEPAID:	CAC002231073
Contact:	SAL BALISTRERI
Telephone:	4156477690
Mailing Name:	Not reported
Mailing Address:	629 BRYANT ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941070000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Liquids with lead >= 500 Mg./L
Disposal Method:	Recycler
Tons:	.4587
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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29 **CITY COLLEGE OF SAN FRANCISCO** **RCRA-SQG** **1001115535**
1960 CARROLL AVE **FINDS** **CAR000014712**
SAN FRANCISCO, CA 94124 **ECHO**

RCRA-SQG:

Date form received by agency:	08/23/1996
Facility name:	CITY COLLEGE OF SAN FRANCISCO
Facility address:	1960 CARROLL AVE SAN FRANCISCO, CA 94124
EPA ID:	CAR000014712
Mailing address:	PHELAN AVE SAN FRANCISCO, CA 94112
Contact:	VESTER FLANAGAN
Contact address:	50 PHELAN AVE SAN FRANCISCO, CA 94112
Contact country:	US
Contact telephone:	(415) 239-3133
Contact email:	Not reported
EPA Region:	09

CITY COLLEGE OF SAN FRANCISCO (Continued) **1001115535**

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CITY COLLEGE OF SAN FRANCISCO
Owner/operator address: 33 GOUGH ST
SAN FRANCISCO, CA 94103
Owner/operator country: Not reported
Owner/operator telephone: (415) 241-2327
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002913722

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

CITY COLLEGE OF SAN FRANCISCO (Continued) **1001115535**

Envid: 1001115535
Registry ID: 110002913722
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002913722

---

29 **CCSF MAINTENANCE FACILITY** **HAZNET** **S113173719**
1960 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid: S113173719
Year: 2002
GEPAID: CAR000014712
Contact: BRIAN LEONG, SR. STA. ENGINEER
Telephone: 4152393546
Mailing Name: Not reported
Mailing Address: 50 PHELAN AVE S142
Mailing City,St,Zip: SAN FRANCISCO, CA 941120000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Latex waste
Disposal Method: Transfer Station
Tons: 1.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113173719
Year: 1997
GEPAID: CAR000014712
Contact: CITY COLLEGE OF SAN FRANCISCO
Telephone: 4152393133
Mailing Name: Not reported
Mailing Address: 50 PHELAN AVE S142
Mailing City,St,Zip: SAN FRANCISCO, CA 941120000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Recycler
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113173719
Year: 1997
GEPAID: CAR000014712
Contact: CITY COLLEGE OF SAN FRANCISCO
Telephone: 4152393133
Mailing Name: Not reported
Mailing Address: 50 PHELAN AVE S142
Mailing City,St,Zip: SAN FRANCISCO, CA 941120000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported

CCSF MAINTENANCE FACILITY (Continued) **S113173719**

Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113173719
Year: 1997
GEPAID: CAR000014712
Contact: CITY COLLEGE OF SAN FRANCISCO
Telephone: 4152393133
Mailing Name: Not reported
Mailing Address: 50 PHELAN AVE S142
Mailing City,St,Zip: SAN FRANCISCO, CA 941120000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .1459
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113173719
Year: 1997
GEPAID: CAR000014712
Contact: CITY COLLEGE OF SAN FRANCISCO
Telephone: 4152393133
Mailing Name: Not reported
Mailing Address: 50 PHELAN AVE S142
Mailing City,St,Zip: SAN FRANCISCO, CA 941120000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Latex waste
Disposal Method: Disposal, Other
Tons: .0125
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

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30 **HIGHWAY GARAGE** **RGA LUST** **S114632425**
12800 YOSEMITE **N/A**
STANISLAUS, CA

RGA LUST:

2004 HIGHWAY GARAGE 12800 YOSEMITE

31 **MAYTA & JENSEN** **UST** **U003916306**
1790 YOSEMITE AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	2276
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	2/11/1988
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	2/23/1988
UST Close ID:	106
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported

MAYTA & JENSEN (Continued) **U003916306**

Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

---

31 **MAYTA & JENSEN** **CA FID UST** **S101592153**
1790 YOSEMITE AVE **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38000905
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	1790 YOSEMITE AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	2276
Number:	Not reported
Board Of Equalization:	Not reported

MAYTA & JENSEN (Continued) **S101592153**

Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-002276-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	2

Status:	Not reported
Comp Number:	2276
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-002276-000002
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	2276
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

---

32 **ERNS 2009907928**

1983 CARROLL AVE. **N/A**
SAN FRANCISCO, CA 94124

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

33 **FRIENDSHIP PRINTING INC** **HAZNET** **S113136832**
1900 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113136832
Year:	2005
GEPAID:	CAL000293218
Contact:	VICTOR TAN/ MARIA TAN
Telephone:	4154675751
Mailing Name:	Not reported
Mailing Address:	1900 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242511
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	0.25
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

33 **ARMANINO FARMS** **UST** **U004003446**
1900 CARROLL AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	2706
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	1/3/1989
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported

ARMANINO FARMS (Continued) **U004003446**

Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	334
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

33 **QUADRA COLOR** **HAZNET** **S113102927**
1900 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113102927
Year:	2001
GEPAID:	CAL000200355
Contact:	GEORGE POSANKE-VICE PRES/SALES
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	2121 EVANS AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941241024
Gen County:	Not reported
TSD EPA ID:	CAL000113451
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.16
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113102927
Year:	2000
GEPAID:	CAL000200355
Contact:	GEORGE POSANKE-VICE PRES/SALES
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	2121 EVANS AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941241024
Gen County:	Not reported
TSD EPA ID:	Not reported
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.37
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113102927
Year:	2000
GEPAID:	CAL000200355
Contact:	GEORGE POSANKE-VICE PRES/SALES
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	2121 EVANS AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941241024
Gen County:	Not reported
TSD EPA ID:	CAD981402522
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Not reported
Tons:	0.31
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

QUADRA COLOR (Continued) **S113102927**

envid: S113102927
Year: 2000
GEPAID: CAL000200355
Contact: GEORGE POSANKE-VICE PRES/SALES
Telephone: --
Mailing Name: Not reported
Mailing Address: 2121 EVANS AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941241024
Gen County: Not reported
TSD EPA ID: CAD981402522
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 4.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113102927
Year: 1999
GEPAID: CAL000200355
Contact: VINCENT DE LISI
Telephone: 9163861204
Mailing Name: Not reported
Mailing Address: 1900 CARROLL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD981402522
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Recycler
Tons: .3753
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

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33 **ARMANINO FARMS, INC.** **LUST** **S101623312**
1900 CARROLL AVE **CA FID UST** **N/A**
SAN FRANCISCO, CA 94124 **SWEEPS UST**

LUST REG 2:
Region: 2
Facility Id: 38-0030
Facility Status: Case Closed
Case Number: 10219
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported

ARMANINO FARMS, INC. (Continued) **S101623312**

Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0030
Facility Status:	Case Closed
Case Number:	10219
Case Type:	Other ground water affected
Release Date:	12/8/1989
Discovered Date:	3/13/1989
Substance:	Diesel
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	12/8/1989
Case Closed:	6/5/1997
Closed Date:	6/5/1997
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	2/3/1994
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	SC
Cross Street:	NEWHALL ST
NOR Date:	2/3/1994
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	4/25/1989
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Yes
Priority:	Not reported
Abatement:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Enforcement Type:	2A
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported

ARMANINO FARMS, INC. (Continued) **S101623312**

Suspended:	No
Stopped Date:	3/21/1989
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Diesel fuel oil
Enforcement Type:	2A
Amount of Free Produce:	Not reported
Benzene Test:	Not reported
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	2150
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

CA FID UST:

Facility ID:	38000075
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4154676671
Mail To:	Not reported
Mailing Address:	11350 MCCORMICK RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	2706
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-002706-000001
Tank Status:	Not reported

ARMANINO FARMS, INC. (Continued) **S101623312**

Capacity:	8000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	1
Status:	Active
Comp Number:	2706
Number:	1
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

---

33 **ARMANINO FARMS** **RGA LUST** **S114577826**
1900 CARROLL AV **N/A**
SAN FRANCISCO, CA

RGA LUST:

1996	ARMANINO FARMS	1900 CARROLL AV
1995	ARMANINO FARMS	1900 CARROLL AV

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33 **ARMANINO FARMS** **RGA LUST** **S114577827**
1900 CARROLL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1994	ARMANINO FARMS	1900 CARROLL ST
1993	ARMANINO FARMS	1900 CARROLL ST
1992	ARMANINO FARMS	1900 CARROLL ST

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33 **ARMANINO FARMS (FORMER)** **RGA LUST** **S114577824**
1900 CARROLL AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	ARMANINO FARMS (FORMER)	1900 CARROLL AVE
2011	ARMANINO FARMS (FORMER)	1900 CARROLL AVE
2010	ARMANINO FARMS (FORMER)	1900 CARROLL AVE
2009	ARMANINO FARMS (FORMER)	1900 CARROLL AVE
2008	ARMANINO FARMS (FORMER)	1900 CARROLL AVE
2007	ARMANINO FARMS (FORMER)	1900 CARROLL AVE

ARMANINO FARMS (FORMER) (Continued) **S114577824**

2006	ARMANINO FARMS (FORMER)	1900 CARROLL AVE
2005	ARMANINO FARMS (FORMER)	1900 CARROLL AVE
2004	ARMANINO FARMS (FORMER)	1900 CARROLL AVE
2003	ARMANINO FARMS (FORMER)	1900 CARROLL AVE

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33 **ARMANINO FARMS** **RGA LUST** **S114577825**
1900 CARROLL AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

1998	ARMANINO FARMS	1900 CARROLL AVE
1997	ARMANINO FARMS	1900 CARROLL AVE

---

33 **ARMANINO FARMS (FORMER)** **HIST CORTESE** **S103983059**
1900 CARROLL AVE **LUST** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0030

LUST:

Region:	STATE
Global Id:	T0607500028
Latitude:	37.728717
Longitude:	-122.39795
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/05/1997
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	SC
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0030
LOC Case Number:	10219
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500028
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

ARMANINO FARMS (FORMER) (Continued) **S103983059**

Global Id: T0607500028
Contact Type: Local Agency Caseworker
Contact Name: STEPHANIE CUSHING
Organization Name: SAN FRANCISCO COUNTY LOP
Address: 1390 MARKET STREET #210
City: SAN FRANCISCO
Email: stephanie.cushing@sfdph.org
Phone Number: Not reported

Status History:
Global Id: T0607500028
Status: Open - Case Begin Date
Status Date: 03/13/1989

Global Id: T0607500028
Status: Completed - Case Closed
Status Date: 06/05/1997

Regulatory Activities:
Global Id: T0607500028
Action Type: ENFORCEMENT
Date: 06/05/1997
Action: Closure/No Further Action Letter - #10219

Global Id: T0607500028
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Global Id: T0607500028
Action Type: Other
Date: 03/13/1989
Action: Leak Discovery

---

33 **Q Q PRINTING** **FINDS** **1008235017**
1900 CARROLL AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110021325092

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

33 COLORFAST PRINTING
1900 CARROLL AVE
SAN FRANCISCO, CA 94124

Database(s): RCRA-SQG, FINDS, HAZNET, EMI, ECHO
EDR ID Number: 1001217454
EPA ID Number: CAR000034769

RCRA-SQG:

Date form received by agency:	12/19/1997
Facility name:	COLORFAST PRINTING
Facility address:	1900 CARROLL AVE SAN FRANCISCO, CA 94124
EPA ID:	CAR000034769
Contact:	EDDIE NGAI
Contact address:	1900 CARROLL AVE SAN FRANCISCO, CA 94124
Contact country:	US
Contact telephone:	(415) 656-1900
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	GOLDEN CRANE
Owner/operator address:	1900 CARROLL AVE SAN FRANCISCO, CA 94124
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 656-1900
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	D001
. Waste name:	IGNITABLE WASTE

Violation Status: No violations found

COLORFAST PRINTING (Continued) **1001217454**

FINDS:

Registry ID: 110002920359

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

envid:	1001217454
Year:	2001
GEPAID:	CAR000034769
Contact:	MR EDDIE NGAI, MGR
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	100 BURMA RD
Mailing City,St,Zip:	JERSEY CITY, NJ 073050000
Gen County:	Not reported
TSD EPA ID:	CAT000613943
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Transfer Station
Tons:	0.3
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	1001217454
Year:	2000
GEPAID:	CAR000034769
Contact:	MR EDDIE NGAI, MGR
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	100 BURMA RD
Mailing City,St,Zip:	JERSEY CITY, NJ 073050000
Gen County:	Not reported
TSD EPA ID:	CAT000613943
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Transfer Station
Tons:	0.66
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

EMI:

Year:	1998
County Code:	38
Air Basin:	SF
Facility ID:	11725
Air District Name:	BA

COLORFAST PRINTING (Continued) **1001217454**

SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	38
Air Basin:	SF
Facility ID:	11725
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	38
Air Basin:	SF
Facility ID:	11725
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	38
Air Basin:	SF
Facility ID:	11725
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2

COLORFAST PRINTING (Continued) **1001217454**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	38
Air Basin:	SF
Facility ID:	14338
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	38
Air Basin:	SF
Facility ID:	14338
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	38
Air Basin:	SF
Facility ID:	14338
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.187
Reactive Organic Gases Tons/Yr:	0.1319852
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

COLORFAST PRINTING (Continued) **1001217454**

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	14338
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.187
Reactive Organic Gases Tons/Yr:	.1319852
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	14338
Air District Name:	BA
SIC Code:	2752
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.187
Reactive Organic Gases Tons/Yr:	.1319852
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

ECHO:

Envid:	1001217454
Registry ID:	110002920359
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002920359

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33 **CUNNINGHAM GRAPHICS INC** **HAZNET** **S112921530**
1900 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112921530
Year:	2002
GEPAID:	CAC002551063
Contact:	nelson
Telephone:	2012171990
Mailing Name:	Not reported
Mailing Address:	1900 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CAD044429835
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler

CUNNINGHAM GRAPHICS INC (Continued) **S112921530**

Tons: 0.81
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112921530
Year: 2002
GEPAID: CAC002551063
Contact: nelson
Telephone: 2012171990
Mailing Name: Not reported
Mailing Address: 1900 CARROLL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112921530
Year: 2002
GEPAID: CAC002551063
Contact: nelson
Telephone: 2012171990
Mailing Name: Not reported
Mailing Address: 1900 CARROLL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 0.43
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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33 **ARMANINO FARMS INC** **HIST UST** **U001595632**
1900 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HIST UST:
File Number: 0002F5EE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F5EE.pdf
Region: STATE
Facility ID: 00000000172
Facility Type: Other
Other Type: FOOD PROCESSOR
Contact Name: BOB GIURLANI
Telephone: 4154673500
Owner Name: ARMANINO FARMS INC.
Owner Address: 1945 CARROLL AVE
Owner City,St,Zip: SAN FRANCISCO, CA 94124
Total Tanks: 0001

ARMANINO FARMS INC (Continued) **U001595632**

Tank Num:	001
Container Num:	#1
Year Installed:	1973
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

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33 **Q Q PRINTING** **HAZNET** **S113119906**
1900 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113119906
Year:	2005
GEPAID:	CAL000253387
Contact:	DORIAN HOANG T. TRAN
Telephone:	4155940078
Mailing Name:	Not reported
Mailing Address:	1900 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	0.37
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113119906
Year:	2005
GEPAID:	CAL000253387
Contact:	DORIAN HOANG T. TRAN
Telephone:	4155940078
Mailing Name:	Not reported
Mailing Address:	1900 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	0.2
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113119906
Year:	2004
GEPAID:	CAL000253387
Contact:	DORIAN HOANG T. TRAN
Telephone:	4155940078
Mailing Name:	Not reported

Q Q PRINTING (Continued) **S113119906**

Mailing Address:	1900 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.15
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113119906
Year:	2004
GEPAID:	CAL000253387
Contact:	DORIAN HOANG T. TRAN
Telephone:	4155940078
Mailing Name:	Not reported
Mailing Address:	1900 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Not reported
Tons:	0.3
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113119906
Year:	2003
GEPAID:	CAL000253387
Contact:	DORIAN HOANG T. TRAN
Telephone:	4155940078
Mailing Name:	Not reported
Mailing Address:	1900 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Recycler
Tons:	0.75
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

33 **ARMANINO FORMER** **RGA LUST** **S114577828**
1900 CARROLL AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	ARMANINO FORMER	1900 CARROLL AVE
2001	ARMANINO FORMER	1900 CARROLL AVE

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33 **FORMER ARMANINO** **RGA LUST** **S114621927**
1900 CARROLL AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2000	FORMER ARMANINO	1900 CARROLL AVE

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34 **EDR Hist Auto** **1015371754**
2601 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:
Name: MOBIL
Year: 2010
Address: 2601 SAN BRUNO AVE

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35 **COMMERCIAL/WAREHOUSE** **RGA LUST** **S114605349**
1955 CARROLL AVENUE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE
2011	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE
2010	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE
2009	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE
2008	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE
2007	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE
2006	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE
2005	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE
2004	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE
2003	COMMERCIAL/WAREHOUSE	1955 CARROLL AVENUE

35 **COMMERCIAL WAREHOUSE** **RGA LUST** **S114605332**
1955 CARROLL AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	COMMERCIAL WAREHOUSE	1955 CARROLL AVE
2001	COMMERCIAL WAREHOUSE	1955 CARROLL AVE
2000	COMMERCIAL WAREHOUSE	1955 CARROLL AVE

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35 **CITY SCREEN & GRAPHICS** **EMI** **S113748901**
1955 CARROLL AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	20259
Air District Name:	BA
SIC Code:	2262
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.11799999999999999
Reactive Organic Gases Tons/Yr:	4.7199999999999999E-2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	20259
Air District Name:	BA
SIC Code:	2262
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.11799999999999999
Reactive Organic Gases Tons/Yr:	4.7199999999999999E-2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	20259
Air District Name:	BA
SIC Code:	2262
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.118
Reactive Organic Gases Tons/Yr:	0.0472
Carbon Monoxide Emissions Tons/Yr:	0

CITY SCREEN & GRAPHICS (Continued) **S113748901**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	20259
Air District Name:	BA
SIC Code:	2262
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.118
Reactive Organic Gases Tons/Yr:	0.0472
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	20259
Air District Name:	BA
SIC Code:	2262
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.118
Reactive Organic Gases Tons/Yr:	0.0472
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	20259
Air District Name:	BA
SIC Code:	2262
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.118868606
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

36 **ELIZABETH HAYES** **HAZNET** **S118926947**
238 GOETTINGEN ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118926947
Year:	2015
GEPAID:	CAC002826894
Contact:	ELIZABETH HAYES
Telephone:	4154681312
Mailing Name:	Not reported
Mailing Address:	238 GOETTINGEN ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341434
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

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37 **YOUNG'S CABINET** **FINDS** **1015925039**
1760 YOSEMITE AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110054243412

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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38 **STEVE YEE** **HAZNET** **S118221558**
220 BURROWS ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118221558
Year:	2014
GEPAID:	CAC002784974
Contact:	STEVE YEE
Telephone:	4155794214
Mailing Name:	Not reported
Mailing Address:	220 BURROWS ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported

STEVE YEE (Continued) **S118221558**

Method Decode: Not reported
Facility County: San Francisco

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39 **ERNS** **92132576**

1727 WALLACE AVENUE **N/A**
SAN FRANCISCO, CA 94106

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

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40 **EDR Hist Cleaner** **1015020216**

2200 LANE ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Cleaners:

Name: FOUR MILE CLEANERS
Year: 2001
Address: 2200 LANE ST

Name: FOUR MILE CLEANERS
Year: 2002
Address: 2200 LANE ST

Name: FOUR MILE CLEANER
Year: 2004
Address: 2200 LANE ST

Name: FOUR MILE CLEANER
Year: 2005
Address: 2200 LANE ST

Name: FOUR MILE CLEANERS
Year: 2006
Address: 2200 LANE ST

Name: FOUR MILE CLEANERS
Year: 2010
Address: 2200 LANE ST

Name: FOUR MILE CLEANERS
Year: 2011
Address: 2200 LANE ST

Name: FOUR MILE CLEANERS
Year: 2012
Address: 2200 LANE ST

40 **FOUR MILE CLEANERS** **FINDS** **1016217228**
2200 LANE STREET **ECHO** **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110006833454

Environmental Interest/Information System
HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

ECHO:
Envid: 1016217228
Registry ID: 110006833454
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110006833454

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40 **FOUR MILE CLEANERS** **EDR Hist Cleaner** **1009133432**
2200 LANE ST **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name: FOUR MILE CLEANERS
Year: 1958
Type: CLEANERS AND DYERS

Name: FOUR MILE CLEANERS
Year: 1962
Type: CLEANERS AND DYERS

Name: FOUR MILE CLEANERS
Year: 1966
Type: CLEANERS AND DYERS

Name: FCUR MILE CLEANERS
Year: 1971
Type: CLEANERS AND DYERS

Name: FOUR MILE CLEANERS
Year: 1971
Type: CLEANERS AND DYERS

Name: FOUR MILE CLEANERS
Year: 1977
Type: CLEANERS AND DYERS

Name: FOUR MILE CLEANERS
Year: 1982
Type: CLEANERS AND DYERS

FOUR MILE CLEANERS (Continued) **1009133432**

Name: FOUR MILE CLEANERS
Year: 1982
Type: CLEANERS AND DYERS

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40 **FOUR MILE CLEANERS** **RCRA-SQG** **1000351547**
2200 LANE ST **UST** **CAD981613904**
SAN FRANCISCO, CA 94124 **DRYCLEANERS**
HAZNET
EMI

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: FOUR MILE CLEANERS
Facility address: 2200 LANE ST
SAN FRANCISCO, CA 94124
EPA ID: CAD981613904
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: LEE SAM
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

FOUR MILE CLEANERS (Continued) **1000351547**

Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	11/25/1986
Site name:	FOUR MILE CLEANERS
Classification:	Large Quantity Generator
Violation Status:	No violations found

SAN FRANCISCO CO. UST:

Facility ID:	482
Facility Status:	Not reported
Number Of Tanks:	Not reported
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	12/15/1992
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported

FOUR MILE CLEANERS (Continued) **1000351547**

Date Interior Lining Install:	Not reported
Date Closed:	12/18/1992
UST Close ID:	1176
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	5/17/1993
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

DRYCLEANERS:

EPA Id:	CAL000300236
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	11/09/2005
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	MOON OH
Owner Address:	2200 LANE ST

FOUR MILE CLEANERS (Continued) **1000351547**

Owner Address 2:	Not reported
Owner Telephone:	4158225385
Contact Name:	MOON OH
Contact Address:	2200 LANE ST
Contact Address 2:	Not reported
Contact Telephone:	4158225385
Mailing Name:	Not reported
Mailing Address 1:	2200 LANE ST
Mailing Address 2:	Not reported
Mailing City:	SAN FRANCISCO
Mailing State:	CA
Mailing Zip:	941242611
Owner Fax:	0000000000
Region Code:	2

HAZNET:

envid:	1000351547
Year:	2003
GEPAID:	CAD981613904
Contact:	SAM SUN LEE OWNER
Telephone:	4158225385
Mailing Name:	Not reported
Mailing Address:	2200 LANE ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242611
Gen County:	Not reported
TSD EPA ID:	CAT080014079
TSD County:	Not reported
Waste Category:	Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Not reported
Tons:	Not reported
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	1000351547
Year:	2003
GEPAID:	CAD981613904
Contact:	SAM SUN LEE OWNER
Telephone:	4158225385
Mailing Name:	Not reported
Mailing Address:	2200 LANE ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242611
Gen County:	Not reported
TSD EPA ID:	CAT080014079
TSD County:	Not reported
Waste Category:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	Not reported
Tons:	0.45
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	1000351547
Year:	2003
GEPAID:	CAD981613904
Contact:	SAM SUN LEE OWNER
Telephone:	4158225385

FOUR MILE CLEANERS (Continued) **1000351547**

Mailing Name: Not reported
Mailing Address: 2200 LANE ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941242611
Gen County: Not reported
TSD EPA ID: CAT080014079
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Not reported
Tons: Not reported
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000351547
Year: 1998
GEPAID: CAD981613904
Contact: SAM SUN LEE
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2200 LANE ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941242611
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .3900
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000351547
Year: 1997
GEPAID: CAD981613904
Contact: SAM SUN LEE
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2200 LANE ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941242611
Gen County: Not reported
TSD EPA ID: CAT000613943
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .3750
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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5 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:
Year: 1987
County Code: 38
Air Basin: SF
Facility ID: 1592

FOUR MILE CLEANERS (Continued) **1000351547**

Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1993
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0

FOUR MILE CLEANERS (Continued) **1000351547**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

FOUR MILE CLEANERS (Continued) **1000351547**

Year:	2000
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2001
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216

FOUR MILE CLEANERS (Continued) **1000351547**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.405
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.405
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0

FOUR MILE CLEANERS (Continued) **1000351547**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.728
Reactive Organic Gases Tons/Yr:	.1292
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.40500000000000003
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	1592
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.32300000000000001
Reactive Organic Gases Tons/Yr:	0.12920000000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

41 **BORSIAN CABINETS** **HAZNET** **S113034977**
1775 YOSEMITE AVENUE **N/A**
SAN FRANCISCO, CA 94131

HAZNET:

envid:	S113034977
Year:	2003
GEPAID:	CAL000034396
Contact:	LARRY BORSIAN/OWNER
Telephone:	4158221211
Mailing Name:	Not reported
Mailing Address:	1176 SHAFTER AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242648
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	0.22
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113034977
Year:	2001
GEPAID:	CAL000034396
Contact:	LARRY BORSIAN/OWNER
Telephone:	4158221211
Mailing Name:	Not reported
Mailing Address:	1176 SHAFTER AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242648
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	0.22
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113034977
Year:	2000
GEPAID:	CAL000034396
Contact:	LARRY BORSIAN/OWNER
Telephone:	4158221211
Mailing Name:	Not reported
Mailing Address:	1176 SHAFTER AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242648
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	0.22
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

BORSIAN CABINETS (Continued) **S113034977**

envid: S113034977
Year: 1998
GEPAID: CAL000034396
Contact: LARRY BORSIAN
Telephone: 4158242054
Mailing Name: Not reported
Mailing Address: 1775 YOSEMITE AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941242648
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113034977
Year: 1996
GEPAID: CAL000034396
Contact: LARRY BORSIAN
Telephone: 4158242054
Mailing Name: Not reported
Mailing Address: 1775 YOSEMITE AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941242648
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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5 additional CA_HAZNET: record(s) in the EDR Site Report.

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41 **YOUNG'S CABINET** **EMI** **S110504379**
1760 YOSEMITE AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:
Year: 2008
County Code: 38
Air Basin: SF
Facility ID: 18978
Air District Name: BA
SIC Code: 2851
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3.026
Reactive Organic Gases Tons/Yr: 2.4892014
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

YOUNG'S CABINET (Continued) **S110504379**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2009
County Code: 38
Air Basin: SF
Facility ID: 18978
Air District Name: BA
SIC Code: 2851
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.4179999999999999
Reactive Organic Gases Tons/Yr: 1.1634203999999999
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2010
County Code: 38
Air Basin: SF
Facility ID: 18978
Air District Name: BA
SIC Code: 2851
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.4179999999999999
Reactive Organic Gases Tons/Yr: 1.1634203999999999
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2011
County Code: 38
Air Basin: SF
Facility ID: 18978
Air District Name: BA
SIC Code: 2851
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.411
Reactive Organic Gases Tons/Yr: 1.1063952
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2012
County Code: 38
Air Basin: SF

YOUNG'S CABINET (Continued) **S110504379**

Facility ID:	18978
Air District Name:	BA
SIC Code:	2851
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.833
Reactive Organic Gases Tons/Yr:	1.4856074
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	18978
Air District Name:	BA
SIC Code:	2851
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.549
Reactive Organic Gases Tons/Yr:	1.2564248
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	18978
Air District Name:	BA
SIC Code:	2851
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.518823391
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

41 **YOSEMITE CREEK SEDIMENT** **SEMS** **1010082208**
INTERSECTION OF YOSEMITE AVE AND HAWES S **CAN000908486**
SAN FRANCISCO, CA 94124

SEMS:

Site ID:	908486
EPA ID:	CAN000908486
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	Referred to Removal - Further Assessment Needed

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0908486
EPA ID:	CAN000908486
Facility County:	SAN FRANCISCO
Short Name:	YOSEMITE CREEK SEDIMENT
Congressional District:	12
IFMS ID:	09QC
SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	R
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Referred to Removal - Further Assessment Needed
Non NPL Status Date:	10/02/12
Site Fips Code:	06075
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	9270496.00000
Contact Name:	Bret Moxley
Contact Tel:	(415) 972-3114
Contact Title:	On-Scene Coordinator (OSC)
Contact Email:	Not reported
Contact ID:	13003854.00000
Contact Name:	Leslie Ramirez
Contact Tel:	(415) 972-3978
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported
Contact ID:	13003858.00000
Contact Name:	Sharon Murray

YOSEMITE CREEK SEDIMENT (Continued) **1010082208**

Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004199.00000
Contact Name: Craig Cooper
Contact Tel: (415) 947-4148
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: / /
Date Completed: 12/17/08
Priority Level: Search Complete, Viable PRPs
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 05/18/11
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: 05/18/11
Date Completed: 10/02/12
Priority Level: Referred to Removal, needs further Rmdl Asmt
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: ENGINEERING EVALUATION/COST ANALYSIS

YOSEMITE CREEK SEDIMENT (Continued) **1010082208**

Date Started:	11/01/11
Date Completed:	/ /
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

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42 **NORTH EAST MEDICAL SERVICES** **HAZNET** **S118915765**
2629 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118915765
Year:	2015
GEPAID:	CAC002810230
Contact:	FELIX GUZMAN
Telephone:	6509213458
Mailing Name:	Not reported
Mailing Address:	2629 SAN BRUNO AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341506
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	2.53
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

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43 **GIAMPOLINI & CO** **RCRA-SQG** **1000593501**
1901 CARROLL AVE **FINDS** **CAD982446320**
SAN FRANCISCO, CA 94124 **HAZNET**
ECHO

RCRA-SQG:

Date form received by agency:	02/28/1991
Facility name:	GIAMPOLINI & CO
Facility address:	1901 CARROLL AVE SAN FRANCISCO, CA 94124
EPA ID:	CAD982446320
Mailing address:	1445 BUSH ST SAN FRANCISCO, CA 94109
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1901 CARROLL AVE SAN FRANCISCO, CA 94124
Contact country:	US
Contact telephone:	(415) 673-1236
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous

GIAMPOLINI & CO (Continued) **1000593501**

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002814848

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

GIAMPOLINI & CO (Continued) **1000593501**

HAZNET:

envid:	1000593501
Year:	2000
GEPAID:	CAD982446320
Contact:	BOB HEIMANN/CONTROLLER
Telephone:	4156731236
Mailing Name:	Not reported
Mailing Address:	1445 BUSH ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941095520
Gen County:	Not reported
TSD EPA ID:	CAD059494310
TSD County:	Not reported
Waste Category:	Alkaline solution without metals pH >= 12.5
Disposal Method:	Disposal, Other
Tons:	0.01
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	1000593501
Year:	2000
GEPAID:	CAD982446320
Contact:	BOB HEIMANN/CONTROLLER
Telephone:	4156731236
Mailing Name:	Not reported
Mailing Address:	1445 BUSH ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941095520
Gen County:	Not reported
TSD EPA ID:	CAD059494310
TSD County:	Not reported
Waste Category:	Liquids with pH <= 2
Disposal Method:	Disposal, Other
Tons:	0.2
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	1000593501
Year:	2000
GEPAID:	CAD982446320
Contact:	BOB HEIMANN/CONTROLLER
Telephone:	4156731236
Mailing Name:	Not reported
Mailing Address:	1445 BUSH ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941095520
Gen County:	Not reported
TSD EPA ID:	CAD059494310
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Disposal, Other
Tons:	0.05
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

ECHO:

GIAMPOLINI & CO (Continued) **1000593501**

Envid: 1000593501
Registry ID: 110002814848
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002814848

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44 **EASTWIND GRAPHICS** **HAZNET** **S113071478**
1955 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S113071478
Year: 2001
GEPAID: CAL000126411
Contact: DOUGLAS CHIN
Telephone: 4154687667
Mailing Name: Not reported
Mailing Address: 1955 CARROLL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941242510
Gen County: Not reported
TSD EPA ID: CAT000613943
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Transfer Station
Tons: 0.31
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113071478
Year: 2000
GEPAID: CAL000126411
Contact: DOUGLAS CHIN
Telephone: 4154687667
Mailing Name: Not reported
Mailing Address: 1955 CARROLL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941242510
Gen County: Not reported
TSD EPA ID: CAT000613943
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Transfer Station
Tons: 0.21
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113071478
Year: 1998
GEPAID: CAL000126411
Contact: LITHOGRAPHIC HORIZONS INC
Telephone: 4154687667
Mailing Name: Not reported
Mailing Address: 1955 CARROLL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941242510
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill

EASTWIND GRAPHICS (Continued) **S113071478**

Tons: 16.8560
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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44 **COMMERCIAL/WAREHOUSE** **HIST CORTESE** **S103962214**
1955 CARROLL AVENUE **LUST** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:
Region: CORTESE
Facility County Code: 38
Reg By: LTNKA
Reg Id: 38-1464

LUST:
Region: STATE
Global Id: T0607501348
Latitude: 37.728399
Longitude: -122.400207
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/17/1999
Lead Agency: SAN FRANCISCO COUNTY LOP
Case Worker: SC
Local Agency: SAN FRANCISCO COUNTY LOP
RB Case Number: 38-2164
LOC Case Number: 10836
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0607501348
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0607501348
Contact Type: Local Agency Caseworker
Contact Name: STEPHANIE CUSHING
Organization Name: SAN FRANCISCO COUNTY LOP
Address: 1390 MARKET STREET #210
City: SAN FRANCISCO
Email: stephanie.cushing@sfdph.org
Phone Number: Not reported

Status History:
Global Id: T0607501348
Status: Open - Case Begin Date

COMMERCIAL/WAREHOUSE (Continued) **S103962214**

Status Date: 11/01/1999

Global Id: T0607501348
Status: Completed - Case Closed
Status Date: 11/17/1999

Regulatory Activities:
Global Id: T0607501348
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Global Id: T0607501348
Action Type: ENFORCEMENT
Date: 11/04/1999
Action: Notice of Responsibility

Global Id: T0607501348
Action Type: Other
Date: 11/01/1999
Action: Leak Discovery

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44 **1955 CARROLL AV** **UST** **U003915104**
1955 CARROLL AV **N/A**
, CA

SAN FRANCISCO CO. UST:
Facility ID: 10882
Facility Status: Not reported
Number Of Tanks: 2
Owner/Operator Name: Not reported
Owner/Operator Title: Not reported
Owner Name: Not reported
Care Of Addr: Not reported
2nd Care Of Add: Not reported
Mailing Address: 1550 Wallace
Mailing City,St,Zip: Not reported
Permit Number: Not reported
Permit Approved By: Not reported
Permit Expiration Date: Not reported
Applications: L & W
Application Date: 10/19/1999
Application Name: George Wilson
Action Type: Not reported
Yr Spill/Overfill Installed1: Not reported
Yr Spill/Overfill Installed2: Not reported
Yr Spill/Overfill Installed3: Not reported

Tank ID: Not reported
Tank Test: Not reported
Local Tank Id: Not reported
Tank Manufacturer: Not reported
Compartmentalized Tank: Not reported
Of Tank Compartments: Not reported
Date Tank Installed: Not reported
Tank Capacity: Not reported

1955 CARROLL AV (Continued) **U003915104**

Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	11/1/1999
UST Close ID:	3842
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

44 **RANDOLPH P COHN** **HAZNET** **S112883138**
1955 CARROL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112883138
Year:	1997
GEPAID:	CAC001332368
Contact:	RANDOLPH P COHN
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	180 BRETE HARTE
Mailing City,St,Zip:	SAN RAFAEL, CA 949010000
Gen County:	Not reported
TSD EPA ID:	CAL000027741
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Not reported
Tons:	.4214
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112883138
Year:	1997
GEPAID:	CAC001332368
Contact:	RANDOLPH P COHN
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	180 BRETE HARTE
Mailing City,St,Zip:	SAN RAFAEL, CA 949010000
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	2.1070
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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44 **CITY SCREEN AND GRAPHICS** **RCRA-SQG** **1001217431**
1955 CARROLL AVE **FINDS** **CAR000034306**
SAN FRANCISCO, CA 94124 **HAZNET**
ECHO

RCRA-SQG:

Date form received by agency:	12/03/1997
Facility name:	CITY SCREEN AND GRAPHICS
Facility address:	1955 CARROLL AVE SAN FRANCISCO, CA 941242510
EPA ID:	CAR000034306
Contact:	EDWARD SPLICHAL
Contact address:	1955 CARROLL AVE SAN FRANCISCO, CA 941242510
Contact country:	US
Contact telephone:	(415) 656-0100
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator

CITY SCREEN AND GRAPHICS (Continued) **1001217431**

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ADAM R GORDON
Owner/operator address:	1763 OAK ST C SAN FRANCISCO, CA 94117
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 255-7928
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110002920153

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

CITY SCREEN AND GRAPHICS (Continued) **1001217431**

HAZNET:

envid:	1001217431
Year:	2015
GEPAID:	CAR000034306
Contact:	DUNG LY-PRODUCTION SUPERVISOR
Telephone:	4156560100
Mailing Name:	Not reported
Mailing Address:	1955 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242510
Gen County:	San Francisco
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.187
Cat Decode:	Unspecified organic liquid mixture
Method Decode:	Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	San Francisco

envid:	1001217431
Year:	2015
GEPAID:	CAR000034306
Contact:	DUNG LY-PRODUCTION SUPERVISOR
Telephone:	4156560100
Mailing Name:	Not reported
Mailing Address:	1955 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242510
Gen County:	San Francisco
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Other organic solids
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.5
Cat Decode:	Other organic solids
Method Decode:	Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	San Francisco

envid:	1001217431
Year:	2015
GEPAID:	CAR000034306
Contact:	DUNG LY-PRODUCTION SUPERVISOR
Telephone:	4156560100
Mailing Name:	Not reported
Mailing Address:	1955 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242510
Gen County:	San Francisco
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.663
Cat Decode:	Unspecified organic liquid mixture
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

CITY SCREEN AND GRAPHICS (Continued) **1001217431**

envid: 1001217431
Year: 2012
GEPAID: CAR000034306
Contact: DUNG LY-PRODUCTION SUPERVISOR
Telephone: 4156560100
Mailing Name: Not reported
Mailing Address: 1955 CARROLL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941242510
Gen County: San Francisco
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.187
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1001217431
Year: 2012
GEPAID: CAR000034306
Contact: DUNG LY-PRODUCTION SUPERVISOR
Telephone: 4156560100
Mailing Name: Not reported
Mailing Address: 1955 CARROLL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941242510
Gen County: San Francisco
TSD EPA ID: NED981723513
TSD County: 99
Waste Category: Not reported
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.22935
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
27 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:
Envid: 1001217431
Registry ID: 110002920153
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002920153

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44 **RISING STAR PRINTING** **HAZNET** **S113100771**
1955 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S113100771
Year: 2010
GEPAID: CAL000191937
Contact: STANLEY KONG
Telephone: 4155081668
Mailing Name: Not reported
Mailing Address: 739 WASHINGTON ST #300

RISING STAR PRINTING (Continued) **S113100771**

Mailing City,St,Zip:	SAN FRANCISCO, CA 941080000
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.06672
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113100771
Year:	2009
GEPAID:	CAL000191937
Contact:	STANLEY KONG
Telephone:	4155081668
Mailing Name:	Not reported
Mailing Address:	1955 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1668
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113100771
Year:	2008
GEPAID:	CAL000191937
Contact:	STANLEY KONG
Telephone:	4155081668
Mailing Name:	Not reported
Mailing Address:	1955 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.23352
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113100771
Year:	2007
GEPAID:	CAL000191937
Contact:	STANLEY KONG
Telephone:	4155081668
Mailing Name:	Not reported
Mailing Address:	1955 CARROLL AVE

RISING STAR PRINTING (Continued) **S113100771**

Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113100771
Year:	2006
GEPAID:	CAL000191937
Contact:	STANLEY KONG
Telephone:	4155081668
Mailing Name:	Not reported
Mailing Address:	1955 CARROLL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CA0000084517
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

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44 **COMMERCIAL/WAREHOUSE** **LUST** **U003713389**
1955 CARROLL AVENUE **N/A**
SAN FRANCISCO, CA 94124

LUST REG 2:

Region:	2
Facility Id:	38-2164
Facility Status:	Case Closed
Case Number:	10836
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO

COMMERCIAL/WAREHOUSE (Continued) **U003713389**

Facility ID:	02-499-026
Facility Status:	Case Closed
Case Number:	10836
Case Type:	Soil only
Release Date:	Not reported
Discovered Date:	11/1/1999
Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	10/28/1999
Case Closed:	12/3/1999
Closed Date:	11/17/1999
Leak Source:	Tank
Leak Cause:	Corrosion
Leak Confirmed:	11/1/1999
Entered Date:	11/4/1999
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Randolph Cohn
Staff Initial:	VP
Facility Staff:	SC
Cross Street:	Newhall
NOR Date:	11/4/1999
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	ND
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Low Priority Site
Abatement:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Enforcement Type:	NOR
Enforcement Due Date:	11/4/1999
Basin:	ISLAIS
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	11/1/1999
Free Product:	Not reported
Depth to Grnd Wtr:	Not reported

COMMERCIAL/WAREHOUSE (Continued) **U003713389**

Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	5300
TPH Date:	11/1/1999
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

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44 **RANDOLPH COHN** **HAZNET** **S112894191**
1955 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94121

HAZNET:

envid:	S112894191
Year:	1999
GEPAID:	CAC001476600
Contact:	RANDOLPH COHN
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	180 BRET HARTE RD
Mailing City,St,Zip:	SAN RAFAEL, CA 949010000
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Transfer Station
Tons:	.6672
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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45 **THE SERTA BUILDING** **UST** **U003916642**
1777 YOSEMITE AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	9345
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported

THE SERTA BUILDING (Continued) **U003916642**

Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	4/3/1990
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	5/11/1990
UST Close ID:	653
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported

THE SERTA BUILDING (Continued) **U003916642**

Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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45 **PRESERVATION PROPERTIES** **HAZNET** **S112886228**
1777 YOSEMITE AVE. **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112886228
Year:	2013
GEPAID:	CAC002742142
Contact:	ROCHELLE MALINAO
Telephone:	4152520105
Mailing Name:	Not reported
Mailing Address:	2 HENRY ADAMS ST STE 370
Mailing City,St,Zip:	SAN FRANCISCO, CA 941035024
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S112886228
Year:	1998
GEPAID:	CAC001378568
Contact:	CHARLES SILVERMAN
Telephone:	5106551200
Mailing Name:	Not reported
Mailing Address:	55 DIVISION ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941030000
Gen County:	Not reported
TSD EPA ID:	CAL000027741
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	1.6856

PRESERVATION PROPERTIES (Continued) **S112886228**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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45 **THE SERTA BUILDING** **CA FID UST** **S101592228**
1777 YOSEMITE AVE **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:
Facility ID: 38001680
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 1777 YOSEMITE AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94124
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 9345
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-009345-000001
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: 1

Status: Active
Comp Number: 9345
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported

THE SERTA BUILDING (Continued) **S101592228**

Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

---

45 **PRESERVATION PROPERTIES** **HAZNET** **S112905894**
1777 YOSEMITE AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S112905894
Year: 1999
GEPAID: CAC002229913
Contact: LES SILVERMAN
Telephone: 4158644567
Mailing Name: Not reported
Mailing Address: 55 DIVISION ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941030000
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 1.6856
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

46 **ARATA FRANK** **EDR Hist Auto** **1009000100**
1290 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: ARATA FRANK
Year: 1935
Type: GASOLINE AND OIL SERVICE STATION

Name: ARATA FRANK
Year: 1935
Type: GASOLINE AND OIL SERVICE STATION

Name: ARATA FRANK
Year: 1935
Type: GASOLINE AND OIL SERVICE STATIONS

47 **C & M ASSOCIATED SERVICE** **EDR Hist Auto** **1008999664**
1295 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name: C & M ASSOCIATED SERVICE
Year: 1958
Type: GASOLINE STATIONS

Name: C & M ASSOCIATED SERVICE
Year: 1958
Type: GASOLINE STATIONS

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48 **EDR Hist Auto** **1015338428**
2238 LANE ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:

Name: JJ SUPER AUTO
Year: 2001
Address: 2238 LANE ST

Name: JJ SUPER AUTO
Year: 2005
Address: 2238 LANE ST

Name: JJ SUPER AUTO
Year: 2006
Address: 2238 LANE ST

Name: JJ SUPER AUTO
Year: 2007
Address: 2238 LANE ST

Name: JJ SUPER AUTO
Year: 2008
Address: 2238 LANE ST

Name: JJ SUPER AUTO
Year: 2009
Address: 2238 LANE ST

Name: J JS SUPER AUTO
Year: 2010
Address: 2238 LANE ST

Name: J JS SUPER AUTO
Year: 2011
Address: 2238 LANE ST

48 **WEST COAST** **UST** **U004004457**
2230 LANE ST **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	2201
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	12/12/1990
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	6/18/1991
UST Close ID:	797
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported

WEST COAST (Continued) **U004004457**

Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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48 **WEST COAST PLUMBING** **RGA LUST** **S114720903**
2230 LANE STREET **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	WEST COAST PLUMBING	2230 LANE STREET
2011	WEST COAST PLUMBING	2230 LANE STREET
2010	WEST COAST PLUMBING	2230 LANE STREET
2009	WEST COAST PLUMBING	2230 LANE STREET
2008	WEST COAST PLUMBING	2230 LANE STREET
2007	WEST COAST PLUMBING	2230 LANE STREET
2006	WEST COAST PLUMBING	2230 LANE STREET
2005	WEST COAST PLUMBING	2230 LANE STREET
2004	WEST COAST PLUMBING	2230 LANE STREET
2003	WEST COAST PLUMBING	2230 LANE STREET

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48 **WEST COAST** **LUST** **S104025401**
2230 LANE STREET **N/A**
SAN FRANCISCO, CA 94124

LUST:

Region:	STATE
Global Id:	T0607500378
Latitude:	37.728413
Longitude:	-122.39214
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed

WEST COAST (Continued) **S104025401**

Status Date:	11/10/1993
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	SC
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0427
LOC Case Number:	10159
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500378
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0607500378
Contact Type:	Local Agency Caseworker
Contact Name:	STEPHANIE CUSHING
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET #210
City:	SAN FRANCISCO
Email:	stephanie.cushing@sfdph.org
Phone Number:	Not reported

Status History:

Global Id:	T0607500378
Status:	Open - Case Begin Date
Status Date:	02/16/1991

Global Id:	T0607500378
Status:	Completed - Case Closed
Status Date:	11/10/1993

Regulatory Activities:

Global Id:	T0607500378
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported

Global Id:	T0607500378
Action Type:	Other
Date:	02/16/1991
Action:	Leak Discovery

LUST REG 2:

Region:	2
Facility Id:	38-0427

WEST COAST (Continued) **S104025401**

Facility Status:	Case Closed
Case Number:	10159
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0427
Facility Status:	Case Closed
Case Number:	10159
Case Type:	Other ground water affected
Release Date:	2/21/1991
Discovered Date:	2/16/1991
Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	2/21/1991
Case Closed:	11/10/1993
Closed Date:	11/10/1993
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	6/12/1991
Entered Date:	8/16/1993
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	SC
Cross Street:	3RD ST
NOR Date:	8/16/1993
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported

WEST COAST (Continued) **S104025401**

Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Not reported
Abatement:	No Action Taken - no action has as yet been taken at the site
Enforcement Type:	2A
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	6/12/1991
Free Product:	Yes
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	2A
Amount of Free Produce:	Not reported
Benzene Test:	Not reported
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

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48 **WEST COAST PLUMBING COMPANY** **RGA LUST** **S114720902**
2230 LANE ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	WEST COAST PLUMBING COMPANY	2230 LANE ST
2001	WEST COAST PLUMBING COMPANY	2230 LANE ST
2000	WEST COAST PLUMBING COMPANY	2230 LANE ST

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48 **WEST COAST PLUMBING CO.** **CA FID UST** **S101623351**
2230 LANE ST **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38000461
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported

WEST COAST PLUMBING CO. (Continued) **S101623351**

Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	2230 LANE ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	2201
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-002201-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	1

Status:	Active
Comp Number:	2201
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

48 **WEST COAST PLUMBING** **RGA LUST** **S114720904**
2230 LANE ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1998	WEST COAST PLUMBING	2230 LANE ST
1997	WEST COAST PLUMBING	2230 LANE ST
1996	WEST COAST PLUMBING	2230 LANE ST
1995	WEST COAST PLUMBING	2230 LANE ST
1994	WEST COAST PLUMBING	2230 LANE ST
1993	WEST COAST PLUMBING	2230 LANE ST

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48 **WEST COAST PLUMBING CO** **HIST UST** **U001595711**
2230 LANE ST **N/A**
SAN FRANCISCO, CA 94124

HIST UST:

File Number:	0002F91E
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F91E.pdf
Region:	STATE
Facility ID:	00000009904
Facility Type:	Other
Other Type:	PLUMBING
Contact Name:	Not reported
Telephone:	4158222880
Owner Name:	WEST COAST PLUMBING CO
Owner Address:	2230 LANE ST.
Owner City,St,Zip:	SAN FRANCISCO, CA 94124
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001600
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None

Click here for Geo Tracker PDF:

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49 **CUSTOM CABINET & COUNTER TOP** **FINDS** **1008245158**
1850 DONNER AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110021335704

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

49 **CUSTOM CABINET & COUNTER TOP** **EMI** **S105937408**
1850 DONNER AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2001
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	38
Air Basin:	SF

CUSTOM CABINET & COUNTER TOP (Continued) **S105937408**

Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1.9284568
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.519
Reactive Organic Gases Tons/Yr:	2.4173788
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.645
Reactive Organic Gases Tons/Yr:	2.5323424
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2007
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

CUSTOM CABINET & COUNTER TOP (Continued) **S105937408**

Total Organic Hydrocarbon Gases Tons/Yr:	2.86
Reactive Organic Gases Tons/Yr:	2.7458504
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.181
Reactive Organic Gases Tons/Yr:	2.1007014
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.238
Reactive Organic Gases Tons/Yr:	1.1838363999999999
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.371
Reactive Organic Gases Tons/Yr:	1.3195847999999999
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

CUSTOM CABINET & COUNTER TOP (Continued) **S105937408**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.477
Reactive Organic Gases Tons/Yr:	1.4221928
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.514
Reactive Organic Gases Tons/Yr:	1.4542372
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	12487
Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.776
Reactive Organic Gases Tons/Yr:	1.7040816
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	12487

CUSTOM CABINET & COUNTER TOP (Continued) **S105937408**

Air District Name:	BA
SIC Code:	2434
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.225028367
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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50 **PUBLIC GLASS** **FINDS** **1016873916**
1770 ARMSTRONG AVE # A **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110059741622

Environmental Interest/Information System
STATE MASTER

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50 **CUT LOOSE INC** **DRYCLEANERS** **S111075472**
1780 ARMSTRONG AVE **N/A**
SAN FRANCISCO, CA 94124

DRYCLEANERS:

EPA Id:	CAL000341009
NAICS Code:	812331
NAICS Description:	Linen Supply
SIC Code:	7213
SIC Description:	Linen Supply
Create Date:	03/02/2009
Facility Active:	No
Inactive Date:	06/30/2011
Facility Addr2:	Not reported
Owner Name:	CUT LOOSE INC
Owner Address:	1780 ARMSTRONG AVE
Owner Address 2:	Not reported
Owner Telephone:	4058222031
Contact Name:	STEPHEN CHAU
Contact Address:	5552 DEER RUN DR
Contact Address 2:	Not reported
Contact Telephone:	4158222031
Mailing Name:	Not reported
Mailing Address 1:	1780 ARMSTRONG AVE
Mailing Address 2:	Not reported
Mailing City:	SAN FRANCISCO
Mailing State:	CA
Mailing Zip:	941242610
Owner Fax:	4158227508
Region Code:	2

50 **THE NOB HILL COMPANY** **HAZNET** **S112980941**
1790 ARMSTRONG AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112980941
Year:	2009
GEPAID:	CAC002647233
Contact:	WILLIAM VAN'BRUNT
Telephone:	4152520105
Mailing Name:	Not reported
Mailing Address:	680 8TH ST STE 210
Mailing City,St,Zip:	SAN FRANCISCO, CA 94103
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.125
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

51 **ARATA F A** **EDR Hist Auto** **1008999366**
1298 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	ARATA F A
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS

Name:	ARATA F A
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATION

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52 **ENVIRONMENTAL SAFETY TRAINING PROFESSION** **FTTS** **1008388945**
1715 YOSEMITE AVENUE **HIST FTTS** **N/A**
SAN FRANCISCO, CA 94124

FTTS INSP:

Inspection Number:	200406079ST28 1
Region:	09
Inspection Date:	06/07/04
Inspector:	C. RACHLIS/R.VOTAVA
Violation occurred:	No
Investigation Type:	Lead, Section 402, State
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	Training Facility/Provider

HIST FTTS INSP:

Inspection Number:	200406079ST28 1
Region:	09
Inspection Date:	Not reported
Inspector:	C. RACHLIS/R.VOTAVA

ENVIRONMENTAL SAFETY TRAINING PROFESSION (Continued) **1008388945**

Violation occurred: No
Investigation Type: Lead, Section 402, State
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: Training Facility/Provider

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53 **ENVIRONMENTAL SAFETY TRAINING PROFESSION** **FINDS** **1016335534**
1715 YOSEMITE AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110022537398

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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54 **TACK CORPORATION** **HAZNET** **S112877726**
5411 3RD ST **N/A**
SAN FRANCISCO, CA 94133

HAZNET:
envid: S112877726
Year: 1997
GEPAID: CAC001248712
Contact: CORPORATION
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 234 FRANCISCO
Mailing City,St,Zip: SAN FRANCISCO, CA 941330000
Gen County: Not reported
TSD EPA ID: CAD982042475
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 1.6856
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

55 **SFUSD #513 - E.R.**
423 BURROWS ST
, CA

UST **U004069176**
N/A

SAN FRANCISCO CO. UST:

Facility ID:	11669
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	5200 Redwood
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	L&W Construction
Application Date:	1/17/2007
Application Name:	George Wilson
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	1/22/2007
UST Close ID:	4900
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported

SFUSD #513 - E.R. (Continued) **U004069176**

Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	2/15/2007
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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55 **ASBESTOS CONTROL PROGRAM** **HAZNET** **S113163654**
423 BURROWS ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113163654
Year:	2013
GEPAID:	CAL912623674
Contact:	JAIME SEBASTIAN
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVE RM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0125
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S113163654
Year:	2013
GEPAID:	CAL912623674
Contact:	JAIME SEBASTIAN
Telephone:	4152416226

ASBESTOS CONTROL PROGRAM (Continued) **S113163654**

Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVE RM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	50.568
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S113163654
Year:	2013
GEPAID:	CAL912623674
Contact:	JAIME SEBASTIAN
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVE RM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S113163654
Year:	2006
GEPAID:	CAL912623674
Contact:	ED OCHI, MGR, HEALTH & SAFETY
Telephone:	4152416411
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE RM 203A
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAD982042475
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	12.64
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113163654
Year:	2006
GEPAID:	CAL912623674
Contact:	ED OCHI, MGR, HEALTH & SAFETY
Telephone:	4152416411
Mailing Name:	Not reported

ASBESTOS CONTROL PROGRAM (Continued) **S113163654**

Mailing Address: 135 VAN NESS AVENUE RM 203A
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.5
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
16 additional CA_HAZNET: record(s) in the EDR Site Report.

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56 **ASBESTOS CONTROL PROGRAM** **HAZNET** **S113014834**
350 GIRARD ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S113014834
Year: 2011
GEPAID: CAD982337651
Contact: ED OCHI-HEALTH & SAFETY MGR
Telephone: 4152416411
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVE RM 407
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113014834
Year: 2011
GEPAID: CAD982337651
Contact: ED OCHI-HEALTH & SAFETY MGR
Telephone: 4152416411
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVE RM 407
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.9
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

ASBESTOS CONTROL PROGRAM (Continued) **S113014834**

envid: S113014834
Year: 2011
GEPAID: CAD982337651
Contact: ED OCHI-HEALTH & SAFETY MGR
Telephone: 4152416411
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVE RM 407
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113014834
Year: 2011
GEPAID: CAD982337651
Contact: ED OCHI-HEALTH & SAFETY MGR
Telephone: 4152416411
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVE RM 407
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.085
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113014834
Year: 2010
GEPAID: CAD982337651
Contact: JAIME SEBASTIAN
Telephone: 4152416226
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVE RM 407
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

ASBESTOS CONTROL PROGRAM (Continued) **S113014834**

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

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56 **DR MARTIN LUTHER KING SCHOOL** **CA FID UST** **S101592372**
350 GIRARD ST **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94134

CA FID UST:

Facility ID:	38003728
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	350 GIRARD ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94134
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	581
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-000581-000001
Tank Status:	Not reported
Capacity:	3000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	1

Status:	Active
Comp Number:	581
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported

DR MARTIN LUTHER KING SCHOOL (Continued) **S101592372**

STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

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56 **SFUSD/#710 - DR.** **UST** **U003937056**
350 GIRARD ST **N/A**
, CA

SAN FRANCISCO CO. UST:
Facility ID: 11735
Facility Status: Not reported
Number Of Tanks: 1
Owner/Operator Name: Not reported
Owner/Operator Title: Not reported
Owner Name: Not reported
Care Of Addr: Not reported
2nd Care Of Add: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Permit Number: Not reported
Permit Approved By: Not reported
Permit Expiration Date: Not reported
Applications: Not reported
Application Date: 4/18/1988
Application Name: Not reported
Action Type: Not reported
Yr Spill/Overfill Installed1: Not reported
Yr Spill/Overfill Installed2: Not reported
Yr Spill/Overfill Installed3: Not reported

Tank ID: Not reported
Tank Test: Not reported
Local Tank Id: Not reported
Tank Manufacturer: Not reported
Compartmentalized Tank: Not reported
Of Tank Compartments: Not reported
Date Tank Installed: Not reported
Tank Capacity: Not reported
Additional Desc: Not reported
Tank Use: Not reported
Petroleum Type: Not reported
Common Name: Not reported
Case Number: Not reported
Type Of Tank: Not reported
Primary Tank Material: Not reported
Secondary Tank Material: Not reported
Tank Interior Lining: Not reported
Date Interior Lining Install: Not reported
Date Closed: Not reported
UST Close ID: 307
Type Of Spill Protection: Not reported
Date Alarm Overfill Protection Installed: Not reported
Date Ball Float Overfill Protection Installed: Not reported
Date Fill Tube Shut Overfill Protection Installed: Not reported
Overfill Protection Exempt: Not reported
Othr Tnk Corrosive Prtctn: Not reported
Date Corrosive Prtctn Install: Not reported
Tank Leak Detection (single walled): Not reported

SFUSD/#710 - DR. (Continued) **U003937056**

Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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56 **CHMIRS** **S105632049**

350 GIRARD **N/A**
SAN FRANCISO, CA

CHMIRS:

OES Incident Number:	6637
OES notification:	Not reported
OES Date:	1/16/1993
OES Time:	08:50:00 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported

(Continued) **S105632049**

Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	none
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	sffd
Incident Date:	1031
Admin Agency:	Not reported
Amount:	1 1/2 gal
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	liquid detergent
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	vandalism pumped into swimming pool

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57 **BORELLO'S DRY CLEANERS** **HIST CORTESE** **S103890762**
2695 SAN BRUNO AVENUE **LUST** **N/A**
SAN FRANCISCO, CA 94134 **DRYCLEANERS**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-1355

BORELLO'S DRY CLEANERS (Continued) **S103890762**

LUST:

Region:	STATE
Global Id:	T0607501240
Latitude:	37.727909
Longitude:	-122.403589
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/21/2007
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	MA
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-1355
LOC Case Number:	11207
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607501240
Contact Type:	Local Agency Caseworker
Contact Name:	MAMDOUH AWWAD
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET, #210
City:	SAN FRANCISCO
Email:	mamdouh.awwad@sfdph.org
Phone Number:	Not reported

Global Id:	T0607501240
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0607501240
Status:	Open - Case Begin Date
Status Date:	04/13/1999

Global Id:	T0607501240
Status:	Open - Site Assessment
Status Date:	04/13/1999

Global Id:	T0607501240
Status:	Open - Site Assessment
Status Date:	06/11/2002

Global Id:	T0607501240
Status:	Open - Verification Monitoring
Status Date:	06/11/2002

Global Id:	T0607501240

BORELLO'S DRY CLEANERS (Continued) **S103890762**

Status: Completed - Case Closed
Status Date: 09/21/2007

Regulatory Activities:
Global Id: T0607501240
Action Type: Other
Date: 04/13/1999
Action: Leak Reported

Global Id: T0607501240
Action Type: REMEDIATION
Date: 07/01/2002
Action: Excavation

Global Id: T0607501240
Action Type: Other
Date: 04/13/1999
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 38-1355
Facility Status: Preliminary site assessment underway
Case Number: 11207
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 4/13/1999
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 6/11/2002
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:
Region: SAN FRANCISCO
Facility ID: 38-1355
Facility Status: Leak being confirmed
Case Number: 11207
Case Type: Other ground water affected
Release Date: 4/13/1999
Discovered Date: 4/13/1999
Substance: Stoddard Solvent
Substance Qty: Not reported
How Discovered: Not reported
How Stopped: Not reported
Report Date: 4/13/1999
Case Closed: Not reported
Closed Date: Not reported
Leak Source: Unknown
Leak Cause: Unknown
Leak Confirmed: 4/22/1999
Entered Date: 4/22/1999

BORELLO'S DRY CLEANERS (Continued) **S103890762**

Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Robert
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	MA
Cross Street:	Not reported
NOR Date:	4/22/1999
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Not reported
Priority:	Not reported
Abatement:	Not reported
Enforcement Type:	NOR
Enforcement Due Date:	Not reported
Basin:	South Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	Not reported
Free Product:	No
Depth to Grnd Wtr:	NA
Gradient:	NA
Benzene:	Not reported
Primary Substance:	Stoddard solvent
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported

BORELLO'S DRY CLEANERS (Continued) **S103890762**

Soil Qualifier: Not reported
Comments: Not reported
Summary: Six USTs were

DRYCLEANERS:
EPA Id: CAL000038032
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 02/15/1991
Facility Active: No
Inactive Date: 06/30/2000
Facility Addr2: Not reported
Owner Name: SOK CHUNG HO
Owner Address: 25 ROSSMOOR DRIVE
Owner Address 2: Not reported
Owner Telephone: 4154683535
Contact Name: SOK CHUNG HO/OWNER
Contact Address: INACTIVE PER VQ00 - BMI
Contact Address 2: Not reported
Contact Telephone: 4154683535
Mailing Name: Not reported
Mailing Address 1: 2695 SAN BRUNO AVE
Mailing Address 2: Not reported
Mailing City: SAN FRANCISCO
Mailing State: CA
Mailing Zip: 941341506
Owner Fax: Not reported
Region Code: 2

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57 **ROBERT GRENBERG** **HAZNET** **S112935046**
2695 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112935046
Year: 2006
GEPAID: CAC002573598
Contact: ROBERT GRENBERG
Telephone: 2097280618
Mailing Name: Not reported
Mailing Address: 984 CHARDONNAY CT
Mailing City,St,Zip: MURPHYS, CA 95247
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.16
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112935046
Year: 2006
GEPAID: CAC002573598

ROBERT GRENBERG (Continued) **S112935046**

Contact:	ROBERT GRENBERG
Telephone:	2097280618
Mailing Name:	Not reported
Mailing Address:	984 CHARDONNAY CT
Mailing City,St,Zip:	MURPHYS, CA 95247
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.18
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112935046
Year:	2006
GEPAID:	CAC002573598
Contact:	ROBERT GRENBERG
Telephone:	2097280618
Mailing Name:	Not reported
Mailing Address:	984 CHARDONNAY CT
Mailing City,St,Zip:	MURPHYS, CA 95247
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.09
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112935046
Year:	2005
GEPAID:	CAC002573598
Contact:	ROBERT GRENBERG
Telephone:	2097280618
Mailing Name:	Not reported
Mailing Address:	984 CHARDONNAY CT
Mailing City,St,Zip:	MURPHYS, CA 95247
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.1
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112935046
Year:	2005
GEPAID:	CAC002573598
Contact:	ROBERT GRENBERG
Telephone:	2097280618

ROBERT GRENBERG (Continued) **S112935046**

Mailing Name:	Not reported
Mailing Address:	984 CHARDONNAY CT
Mailing City,St,Zip:	MURPHYS, CA 95247
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Not reported
Tons:	0.41
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

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57 **ROBERT GREENBERG** **HAZNET** **S112920144**
2695 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112920144
Year:	2002
GEPAID:	CAC002485391
Contact:	KATHY KELLER/GOLDENGATE
Telephone:	4155121555
Mailing Name:	Not reported
Mailing Address:	984 CHARDONNAY CT
Mailing City,St,Zip:	MURPHYS, CA 952470000
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.34
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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57 **BORELLOS DRY CLEANERS INC** **RCRA-SQG** **1000205198**
2695 SAN BRUNO AVE **CA FID UST** **CAD029194248**
SAN FRANCISCO, CA 94134 **HIST UST**
SWEEPS UST
EMI

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	BORELLOS DRY CLEANERS INC
Facility address:	2695 SAN BRUNO AVE SAN FRANCISCO, CA 94134
EPA ID:	CAD029194248
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported

BORELLOS DRY CLEANERS INC (Continued) **1000205198**

Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BORELLOS DC INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/26/1986
Site name: BORELLOS DRY CLEANERS INC
Classification: Large Quantity Generator

Violation Status: No violations found

CA FID UST:
Facility ID: 38003532

BORELLOS DRY CLEANERS INC (Continued) **1000205198**

Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154683135
Mail To: Not reported
Mailing Address: 2695 SAN BRUNO AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94134
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:
File Number: 0002F615
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F615.pdf
Region: STATE
Facility ID: 00000066582
Facility Type: Other
Other Type: DRY CLEANING
Contact Name: BOB GREENBERG
Telephone: 4154683535
Owner Name: BORELLO'S DRY CLEANERS, INC.
Owner Address: 2695 SAN BRUNO AVE.
Owner City,St,Zip: SAN FRANCISCO, CA 94134
Total Tanks: 0006

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: X
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

BORELLOS DRY CLEANERS INC (Continued) **1000205198**

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	005
Container Num:	5
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	006
Container Num:	6
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

SWEEPS UST:

Status:	Active
Comp Number:	3181
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-003181-000006
Tank Status:	A
Capacity:	500
Active Date:	09-30-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	3181
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-003181-000001
Tank Status:	A

BORELLOS DRY CLEANERS INC (Continued) **1000205198**

Capacity: 2500
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: 6

Status: Active
Comp Number: 3181
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-003181-000002
Tank Status: A
Capacity: 500
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Active
Comp Number: 3181
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-003181-000003
Tank Status: A
Capacity: 500
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Active
Comp Number: 3181
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-003181-000004
Tank Status: A
Capacity: 2500
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: Not reported

BORELLOS DRY CLEANERS INC (Continued) **1000205198**

Status:	Active
Comp Number:	3181
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-003181-000005
Tank Status:	A
Capacity:	1000
Active Date:	09-30-92
Tank Use:	UNKNOWN
STG:	P
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

EMI:

Year:	1987
County Code:	38
Air Basin:	SF
Facility ID:	275
Air District Name:	BA
SIC Code:	7218
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	38
Air Basin:	SF
Facility ID:	5522
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	38
Air Basin:	SF
Facility ID:	9471
Air District Name:	BA

BORELLOS DRY CLEANERS INC (Continued) **1000205198**

SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	38
Air Basin:	SF
Facility ID:	9471
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	38
Air Basin:	SF
Facility ID:	9471
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	38
Air Basin:	SF
Facility ID:	9471
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0

BORELLOS DRY CLEANERS INC (Continued) **1000205198**

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	38
Air Basin:	SF
Facility ID:	9471
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2000
County Code:	38
Air Basin:	SF
Facility ID:	9471
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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57 **PROPERTY** **UST** **U003976270**
2695 SAN BRUNO AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	11899
Facility Status:	Not reported
Number Of Tanks:	6
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	255 Shipley Street
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported

PROPERTY (Continued) **U003976270**

Applications:	Golden Gate Tank
Application Date:	11/23/1998
Application Name:	Randy McManus
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	1/28/1999
UST Close ID:	3553
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported

PROPERTY (Continued) **U003976270**

Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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57 **BORELLO'S CLEANERS** **FINDS** **1016061345**
2695 SAN BRUNO AVENUE **ECHO** **N/A**
SAN FRANCISCO, CA 94134

FINDS:

Registry ID: 110001171124

Environmental Interest/Information System
HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

ECHO:

Envid:	1016061345
Registry ID:	110001171124
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110001171124

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57 **BORELLO'S CLEANERS** **RGA LUST** **S114585728**
2695 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2011	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2010	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2009	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2008	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2007	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2006	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2005	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2004	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2003	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2002	BORELLO'S CLEANERS	2695 SAN BRUNO AVE
2001	BORELLO'S CLEANERS	2695 SAN BRUNO AVE

BORELLO'S CLEANERS (Continued) **S114585728**

2000 BORELLO'S CLEANERS 2695 SAN BRUNO AVE

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57 **ROBERT GREENBERG** **HAZNET** **S112925026**
2695 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112925026
Year:	2005
GEPAID:	CAC002556893
Contact:	ROBERT GREENBERG
Telephone:	2097280618
Mailing Name:	Not reported
Mailing Address:	984 CHARDONNAY CT
Mailing City,St,Zip:	MURPHYS, CA 95247
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.87
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112925026
Year:	2004
GEPAID:	CAC002556893
Contact:	ROBERT GREENBERG
Telephone:	2097280618
Mailing Name:	Not reported
Mailing Address:	984 CHARDONNAY CT
Mailing City,St,Zip:	MURPHYS, CA 95247
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.1
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112925026
Year:	2003
GEPAID:	CAC002556893
Contact:	ROBERT GREENBERG
Telephone:	2097280618
Mailing Name:	Not reported
Mailing Address:	984 CHARDONNAY CT
Mailing City,St,Zip:	MURPHYS, CA 95247
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Not reported
Tons:	0.1
Cat Decode:	Not reported

ROBERT GREENBERG (Continued) **S112925026**

Method Decode: Not reported
Facility County: San Francisco

envid: S112925026
Year: 2003
GEPAID: CAC002556893
Contact: ROBERT GREENBERG
Telephone: 2097280618
Mailing Name: Not reported
Mailing Address: 984 CHARDONNAY CT
Mailing City,St,Zip: MURPHYS, CA 95247
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112925026
Year: 2002
GEPAID: CAC002556893
Contact: ROBERT GREENBERG
Telephone: 2097280618
Mailing Name: Not reported
Mailing Address: 984 CHARDONNAY CT
Mailing City,St,Zip: MURPHYS, CA 95247
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.16
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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57 **MICHAEL S ROBERT DRAPERY CLEANERS** **EDR Hist Cleaner** **1009131170**
2695 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name: BOGANI CLEANING & DYEING WKS
Year: 1930
Type: CLEANERS-GARMENTS CURTAINS AND DRAPERIES

Name: BOGANI CLEANING & DYEING WKS
Year: 1930
Type: CLEANERS-GARMENTS CURTAINS AND DRAPERIE

Name: BORELLO U A
Year: 1940
Type: CLOTHES PRESSERS AND CLEANERS

MICHAEL S ROBERT DRAPERY CLEANERS (Continued) **1009131170**

Name: BORELLO S CLEANING & DYEING CO
Year: 1940
Type: CLEANERS-GARMENTS CURTAINS AND DRAPERIES

Name: BORELLO S CLEANING & DYEING CO
Year: 1940
Type: CLEANERS GARMENTS CURTAINS AND DRAPERIE

Name: BORELLO U A
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

Name: GREENBERG HENRY
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

Name: BORELLO U A
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

Name: GREENBERG HENRY
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

Name: BORELLO S CLEANING & DYEING CO
Year: 1949
Type: CLEANERS AND DYERS

Name: BORELLO S CLEANING & DYEING CO
Year: 1949
Type: CLEANERS AND DYERS

Name: BORELLO S DRY CLEANERS
Year: 1953
Type: CLEANERS AND DYERS

Name: BORELLO S DRY CLEANING
Year: 1958
Type: CLOTHES PRESSERS AND CLEANERS

Name: BORELLO S DRY CLEANERS
Year: 1962
Type: CLEANERS AND DYERS

Name: BORELLO S DRY CLEANERS
Year: 1962
Type: CLEANERS AND DYERS

Name: BORELLO S DRY CLEANERS OF QUALITY
Year: 1966
Type: CLEANERS AND DYERS

Name: BORELLO S DRY CLEANERS OF QUALITY
Year: 1966
Type: CLEANERS AND DYERS

Name: BORELLO S DRY CLEANERS OF QUALITY

MICHAEL S ROBERT DRAPERY CLEANERS (Continued) **1009131170**

Year: 1971
Type: CLEANERS AND DYERS

Name: MICHAEL S ROBERT DRAPERY CLEANERS
Year: 1971
Type: CURTAIN CLEANERS

Name: BORELLO S DRY CLEANERS OF QUALITY
Year: 1977
Type: CLEANERS AND DYERS

Name: BORELLO S DRY CLEANERS OF QUALITY
Year: 1977
Type: CLEANERS AND DYERS

Name: MICHAEL S ROBERT DRAPERY CLEANERS
Year: 1977
Type: CURTAIN AND DRAPERY CLEANERS

Name: MICHAEL S ROBERT DRAPERY CLEANERS
Year: 1977
Type: CURTAIN AND DRAPERY CLEANERS

Name: BORELLO S DRY CLEANERS
Year: 1982
Type: CLEANERS AND DYERS

Name: BORELLO S DRY CLEANERS
Year: 1982
Type: CLEANERS AND DYERS

---

57 **AUGUSTINE MARTINEZ** **HAZNET** **S112921755**
2685 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112921755
Year: 2002
GEPAID: CAC002551407
Contact: AUGUSTINE MARTINEZ
Telephone: 4155152138
Mailing Name: Not reported
Mailing Address: 2456 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 94134
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.84
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112921755
Year: 2002
GEPAID: CAC002551407
Contact: AUGUSTINE MARTINEZ

AUGUSTINE MARTINEZ (Continued) **S112921755**

Telephone: 4155152138
Mailing Name: Not reported
Mailing Address: 2456 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 94134
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 0.84
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

58 **ARMSTRONG TRUCK EQUIPMENT INC** **HAZNET** **S113088503**
1730 ARMSTRONG AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S113088503
Year: 1997
GEPAID: CAL000168576
Contact: ARMSTRONG TRCK EQPMT INC
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1730 ARMSTRONG AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .3044
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

59 **THIRD STREET AUTO REPAIR** **EDR Hist Auto** **1009067350**
5500 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: MADDEN HARRY
Year: 1935
Type: AUTOMOBILE REPAIRING

Name: THIRD STREET AUTO REPAIR
Year: 1953
Type: AUTOMOBILE REPAIRING

Name: THIRD STREET AUTO REPAIR
Year: 1958
Type: AUTOMOBILE REPAIRING

59 **EDR Hist Cleaner** **1015074543**
5500 3RD ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Cleaners:

Name:	SF WINDMILL CLEANERS
Year:	2007
Address:	5500 3RD ST
Name:	SF WINDMILL CLEANERS
Year:	2008
Address:	5500 3RD ST
Name:	SF WINDMILL CLEANERS
Year:	2009
Address:	5500 3RD ST
Name:	SAN FRANCISCO WINMILL CLEANERS
Year:	2010
Address:	5500 3RD ST
Name:	SAN FRANCISCO WINDMILL CLEANER
Year:	2011
Address:	5500 3RD ST

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60 **ADELINE SILVA** **HAZNET** **S118222063**
124 BACON ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118222063
Year:	2014
GEPAID:	CAC002785666
Contact:	ADELINE SILVA
Telephone:	4154680282
Mailing Name:	Not reported
Mailing Address:	124 BACON ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

61 **EDR Hist Auto** **1015349141**
2340 LANE ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:
Name: PAYLESS TWNG AUTO RPR & BDYSH
Year: 2004
Address: 2340 LANE ST

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61 **EDR Hist Auto** **1015269325**
1720 ARMSTRONG AVE **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:
Name: AUTO
Year: 2011
Address: 1720 ARMSTRONG AVE

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62 **UNOCAL** **RGA LUST** **S114714601**
5545 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	UNOCAL	5545 3RD ST
2001	UNOCAL	5545 3RD ST
2000	UNOCAL	5545 3RD ST
1998	UNOCAL	5545 3RD ST
1997	UNOCAL	5545 3RD ST
1995	UNOCAL	5545 3RD ST
1994	UNOCAL	5545 3RD ST
1993	UNOCAL	5545 3RD ST

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62 **UNOCAL #3500-ALI'S UNION** **CA FID UST** **S101592063**
5545 3RD ST **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:
Facility ID: 38000430
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158223252
Mail To: Not reported
Mailing Address: 5545 3RD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94124
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

UNOCAL #3500-ALI'S UNION (Continued) **S101592063**

Status:	Not reported
Comp Number:	3075
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-003075-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	3

Status:	Not reported
Comp Number:	3075
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-003075-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	3075
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-003075-000003
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

62 **AL & JIM S UNION SERVICE** **EDR Hist Auto** **1009068902**
5545 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	AL & JIM S UNION SERVICE
Year:	1953
Type:	GASOLINE STATIONS
Name:	KEN S UNION OIL SERVICE
Year:	1958
Type:	GASOLINE STATIONS

---

62 **UNOCAL** **HIST CORTESE** **S110060946**
5545 3RD **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0410

---

62 **UNOCAL STATION #3500** **RGA LUST** **S114713755**
5545 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1996 UNOCAL STATION #3500 5545 3RD ST

---

62 **BROOKS UNION STATION** **EDR Hist Auto** **1009001023**
5545 THIRD ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:

Name:	BROOKS BROS UNION SERVICE
Year:	1971
Type:	GASOLINE STATIONS
Name:	BROOKS & SONS UNION SERVICE
Year:	1977
Type:	GASOLINE STATIONS
Name:	BROOKS & SONS UNION SERVICE
Year:	1977
Type:	GASOLINE STATIONS
Name:	BROOKS AND SONS UNION SERVICE
Year:	1982
Type:	GASOLINE STATIONS
Name:	BROOKS AND SONS UNION SERVICE
Year:	1982
Type:	GASOLINE STATIONS

62 **UNOCAL STATION** **LUST** **S105688752**
5545 03RD ST **N/A**
SAN FRANCISCO, CA 94124

LUST:

Region:	STATE
Global Id:	T0607500362
Latitude:	37.727489
Longitude:	-122.392291
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/11/1994
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	38-0410
LOC Case Number:	10042
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500362
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0607500362
Status:	Open - Case Begin Date
Status Date:	04/24/1991

Global Id:	T0607500362
Status:	Completed - Case Closed
Status Date:	07/11/1994

Regulatory Activities:

Global Id:	T0607500362
Action Type:	ENFORCEMENT
Date:	04/22/1992
Action:	Notice of Responsibility

Global Id:	T0607500362
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported

Global Id:	T0607500362
Action Type:	Other
Date:	04/24/1991
Action:	Leak Discovery

UNOCAL STATION (Continued) **S105688752**

LUST REG 2:

Region:	2
Facility Id:	38-0410
Facility Status:	Case Closed
Case Number:	10042
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0410
Facility Status:	Case Closed
Case Number:	10042
Case Type:	Other ground water affected
Release Date:	4/24/1991
Discovered Date:	4/24/1991
Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	4/24/1991
Case Closed:	7/11/1994
Closed Date:	7/11/1994
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	4/22/1992
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	TOSCO
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	CDM
Cross Street:	ARMSTRONG ST
NOR Date:	4/22/1992
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	4/24/1991

UNOCAL STATION (Continued) **S105688752**

Assessment Underway:	4/30/1991
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Not reported
Abatement:	No Action Taken - no action has as yet been taken at the site
Enforcement Type:	NOR
Enforcement Due Date:	4/22/1992
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	4/24/1991
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	9
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

---

63 **M & M REFRIGERATED** **UST** **U003904004**
1828 EGBERT AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	9171
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported

M & M REFRIGERATED (Continued) **U003904004**

Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	2/26/1990
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	4/10/1990
UST Close ID:	625
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported

M & M REFRIGERATED (Continued) **U003904004**

Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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63 **M & M REFRIGERATED TRUCK** **CA FID UST** **S101592220**
1828 EGBERT AVE **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38001638
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	1828 EGBERT AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	9171
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-009171-000001
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	2

Status:	Not reported
Comp Number:	9171

M & M REFRIGERATED TRUCK (Continued) **S101592220**

Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-009171-000002
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	9171
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

---

63 **SAN FRANCISCO SELF STORAGE III LLC** **HAZNET** **S112981761**
1828 EGBERT AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112981761
Year:	2009
GEPAID:	CAC002649144
Contact:	JOHN MASON
Telephone:	9258386710
Mailing Name:	Not reported
Mailing Address:	939 HARTZ WAY STE 210
Mailing City,St,Zip:	DANVILLE, CA 945263440
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.495
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

64 **LP TRUCKING CO** **FINDS** **1010498130**
88 BITTING AVE **ECHO** **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110032642576

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1010498130
Registry ID:	110032642576
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110032642576

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64 **LP TRUCKING CO** **RCRA NonGen / NLR** **1010562041**
88 BITTING AVE **CAR000186064**
SAN FRANCISCO, CA 94124

RCRA NonGen / NLR:

Date form received by agency:	08/08/2007
Facility name:	LP TRUCKING CO
Facility address:	88 BITTING AVE SAN FRANCISCO, CA 94124
EPA ID:	CAR000186064
Contact:	LOC V PHAN
Contact address:	88 BITTING AVE SAN FRANCISCO, CA 94124
Contact country:	US
Contact telephone:	415-468-0828
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LOC V PHAN
Owner/operator address:	88 BITTING AVE SAN FRANCISCO, CA 94124
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/07/2007
Owner/Op end date:	Not reported
Owner/operator name:	LOC V PHAN
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private

LP TRUCKING CO (Continued) **1010562041**

Owner/Operator Type: Operator
Owner/Op start date: 08/07/2007
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

---

65 **LOCAL UNION # 38** **HAZNET** **S113458142**
2660 NEWHALL ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S113458142
Year: 2010
GEPAID: CAC002649927
Contact: STEVE MAZZOLA
Telephone: 4156262000
Mailing Name: Not reported
Mailing Address: 1621 MARKET ST
Mailing City,St,Zip: SAN FRANCISCO, CA 94103
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.125
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

65 **GLAZIERS OFFICE BUILDING** **HAZNET** **S112998485**
2660 NEWHALL ST. **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112998485
Year:	1993
GEPAID:	CAC459300025
Contact:	1ST INTERSTATE BANK
Telephone:	5102541966
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 689
Mailing City,St,Zip:	ORINDA, CA 945630000
Gen County:	Not reported
TSD EPA ID:	CAL000027741
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	3.3712
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

65 **JOSEPH MAZZOLA** **HAZNET** **S112973584**
2660 NEWHALL ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112973584
Year:	2009
GEPAID:	CAC002635619
Contact:	JOSEPH MAZZOLA
Telephone:	4156262000
Mailing Name:	Not reported
Mailing Address:	1621 MARKET ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94103
Gen County:	Not reported
TSD EPA ID:	CAD982411993
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.32178
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112973584
Year:	2008
GEPAID:	CAC002635619
Contact:	JOSEPH MAZZOLA
Telephone:	4156262000
Mailing Name:	Not reported
Mailing Address:	1621 MARKET ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94103
Gen County:	Not reported
TSD EPA ID:	CAD982042475
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To

JOSEPH MAZZOLA (Continued) **S112973584**

Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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66 **SAN FRANCISCO HOUSING ATHORITY** **HAZNET** **S112908955**
1818 EGBERT AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S112908955
Year: 2001
GEPAID: CAC002279393
Contact: EDDA PICCINI/MGR
Telephone: 4157183219
Mailing Name: Not reported
Mailing Address: 1818 EGBERT AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: 288.23
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112908955
Year: 2000
GEPAID: CAC002279393
Contact: EDDA PICCINI/MGR
Telephone: 4157183219
Mailing Name: Not reported
Mailing Address: 1818 EGBERT AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: 121.36
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112908955
Year: 2000
GEPAID: CAC002279393
Contact: EDDA PICCINI/MGR
Telephone: 4157183219
Mailing Name: Not reported
Mailing Address: 1818 EGBERT AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: Not reported
TSD County: Not reported

SAN FRANCISCO HOUSING ATHORITY (Continued) **S112908955**

Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: 15.17
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112908955
Year: 2000
GEPAID: CAC002279393
Contact: EDDA PICCINI/MGR
Telephone: 4157183219
Mailing Name: Not reported
Mailing Address: 1818 EGBERT AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAT00064611
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Disposal, Land Fill
Tons: 30.34
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112908955
Year: 2000
GEPAID: CAC002279393
Contact: EDDA PICCINI/MGR
Telephone: 4157183219
Mailing Name: Not reported
Mailing Address: 1818 EGBERT AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Disposal, Land Fill
Tons: 60.68
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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67 **DR JUSTIN TIN, DDS** **HAZNET** **S113092672**
2748 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S113092672
Year: 1999
GEPAID: CAL000175830
Contact: JUSTIN TIN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2748 SAN BRUNO AVE

DR JUSTIN TIN, DDS (Continued) **S113092672**

Mailing City,St,Zip:	SAN FRANCISCO, CA 941341509
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0834
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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67 **CHMIRS** **S105662944**
2728 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

CHMIRS:

OES Incident Number:	9-0711
OES notification:	02/13/1999
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1999
Agency:	PGE
Incident Date:	2/12/199912:00:00 AM

(Continued) **S105662944**

Admin Agency:	San Francisco County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Residence
E Date:	Not reported
Substance:	Transformer Oil
Gallons:	1
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Transformer overloaded causing a bushing to fail resulting in a release. Fire Dept placed absorbents and PGE performed the cleanup.

---

67 **JEAN S CLEANERS** **EDR Hist Cleaner** **1009131486**
2726 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	SAN BRUNO AVENUE CLEANERS
Year:	1953
Type:	CLEANERS AND DYERS
Name:	SAN BRUNO AVENUE CLEANERS
Year:	1958
Type:	CLOTHES PRESSERS AND CLEANERS
Name:	JEAN S CLEANERS
Year:	1962
Type:	CLEANERS AND DYERS
Name:	JEAN S CLEANERS
Year:	1962
Type:	CLEANERS AND DYERS
Name:	JEAN S CLEANERS
Year:	1966
Type:	CLEANERS AND DYERS
Name:	JEAN S CLEANERS
Year:	1966
Type:	CLEANERS AND DYERS
Name:	JEAN S CLEANERS
Year:	1971

JEAN S CLEANERS (Continued) **1009131486**

Type: CLEANERS AND DYERS

Name: JEAN S CLEANERS
Year: 1971
Type: CLEANERS AND DYERS

---

68 **SCOTT HSIANG-EN TSUI** **HAZNET** **S118217832**
341 HOLYOKE ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S118217832
Year: 2014
GEPAID: CAC002780289
Contact: SCOTT HSING-EN TSUI
Telephone: 6507049400
Mailing Name: Not reported
Mailing Address: 341 HOLYOKE ST
Mailing City,St,Zip: SAN FRANCISCO, CA 94134
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

69 **CALIFORNIA FLEET WORKS, INC** **HAZNET** **S113164995**
1623 YOSEMITE STREET **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S113164995
Year: 1994
GEPAID: CAL920573101
Contact: ANN MURPHY
Telephone: 4154562965
Mailing Name: Not reported
Mailing Address: 1623 YOSEMITE AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941243240
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

70 **KK GRAPHICS** **FINDS** **1016873999**
1825 EGBERT AV A **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110059742747

Environmental Interest/Information System
STATE MASTER

---

70 **K.K. GRAPHICS** **HAZNET** **S113101127**
1825 A EGBERT AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113101127
Year:	2015
GEPAID:	CAL000194400
Contact:	MOON MA
Telephone:	4154681057
Mailing Name:	Not reported
Mailing Address:	1825 A EGBERT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	San Francisco
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.24
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S113101127
Year:	2015
GEPAID:	CAL000194400
Contact:	MOON MA
Telephone:	4154681057
Mailing Name:	Not reported
Mailing Address:	1825 A EGBERT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	San Francisco
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Not reported
Tons:	0.19
Cat Decode:	Waste oil and mixed oil
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113101127
Year:	2015
GEPAID:	CAL000194400
Contact:	MOON MA
Telephone:	4154681057

K.K. GRAPHICS (Continued) **S113101127**

Mailing Name:	Not reported
Mailing Address:	1825 A EGBERT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	San Francisco
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.2085
Cat Decode:	Aqueous solution with total organic residues 10 percent or more
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	San Francisco
envid:	S113101127
Year:	2015
GEPAID:	CAL000194400
Contact:	MOON MA
Telephone:	4154681057
Mailing Name:	Not reported
Mailing Address:	1825 A EGBERT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	San Francisco
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	Not reported
Cat Decode:	Not reported
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco
envid:	S113101127
Year:	2014
GEPAID:	CAL000194400
Contact:	MOON MA
Telephone:	4154681057
Mailing Name:	Not reported
Mailing Address:	1825 A EGBERT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	San Francisco
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.42
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
71 additional CA_HAZNET: record(s) in the EDR Site Report.

70 **MARTINELLI ENVIRONMENTAL GRAPHICS** **EMI** **S118494598**
1829 EGBERT AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	22349
Air District Name:	BA
SIC Code:	2121
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.076461532
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

---

70 **RICKES S & SONS** **SEMS-ARCHIVE** **1003879290**
1831 EGBERT AVE **CAD982358558**
SAN FRANCISCO, CA 94124

SEMS-ARCHIVE:

Site ID:	903138
EPA ID:	CAD982358558
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0903138
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13285484.00000
Person ID:	13003854.00000
Contact Sequence ID:	13291079.00000
Person ID:	13003858.00000
Contact Sequence ID:	13296937.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	12/01/87
Priority Level:	Not reported
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	05/02/89
Priority Level:	Not reported

RICKES S & SONS (Continued) **1003879290**

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 05/02/89
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

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70 **CALIFORNIA PAINT COMPANY** **HAZNET** **S113138921**
1833 EGBERT AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid: S113138921
Year: 2013
GEPAID: CAL000298234
Contact: JEFF DAVIDSON
Telephone: 9314231034
Mailing Name: Not reported
Mailing Address: 303 PORTRERO ST STE 42206
Mailing City,St,Zip: SANTA CRUZ, CA 950600000
Gen County: San Francisco
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.363
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S113138921
Year: 2012
GEPAID: CAL000298234
Contact: JEFF DAVIDSON
Telephone: 9314231034
Mailing Name: Not reported
Mailing Address: 303 PORTRERO ST STE 42206
Mailing City,St,Zip: SANTA CRUZ, CA 950600000
Gen County: San Francisco
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.726
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113138921
Year: 2012
GEPAID: CAL000298234
Contact: JEFF DAVIDSON
Telephone: 9314231034
Mailing Name: Not reported
Mailing Address: 303 PORTRERO ST STE 42206
Mailing City,St,Zip: SANTA CRUZ, CA 950600000
Gen County: San Francisco
TSD EPA ID: CAD059494310

CALIFORNIA PAINT COMPANY (Continued) **S113138921**

TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.85
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113138921
Year:	2010
GEPAID:	CAL000298234
Contact:	JEFF DAVIDSON
Telephone:	9314231034
Mailing Name:	Not reported
Mailing Address:	303 PORTRERO ST STE 42206
Mailing City,St,Zip:	SANTA CRUZ, CA 950600000
Gen County:	Not reported
TSD EPA ID:	CAD980675276
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.935
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113138921
Year:	2010
GEPAID:	CAL000298234
Contact:	JEFF DAVIDSON
Telephone:	9314231034
Mailing Name:	Not reported
Mailing Address:	303 PORTRERO ST STE 42206
Mailing City,St,Zip:	SANTA CRUZ, CA 950600000
Gen County:	Not reported
TSD EPA ID:	UTD981552177
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.5445
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

70 **DANACOLORS, INC** **EMI** **S106829735**
1833 EGBERT AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	1987
County Code:	38
Air Basin:	SF
Facility ID:	1570
Air District Name:	BA
SIC Code:	2851
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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70 **DANACOLORS INC** **RCRA-SQG** **1000144991**
1833 EGBERT AVE **FINDS** **CAD981372550**
SAN FRANCISCO, CA 94124 **CA FID UST**
UST
SWEEPS UST
ECHO

RCRA-SQG:

Date form received by agency:	01/28/1986
Facility name:	DANACOLORS INC
Facility address:	1833 EGBERT AVE SAN FRANCISCO, CA 94124
EPA ID:	CAD981372550
Mailing address:	PO BOX 24212 SAN FRANCISCO, CA 94124
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1833 EGBERT AVE SAN FRANCISCO, CA 94124
Contact country:	US
Contact telephone:	(415) 467-2710
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LATCHFORD PACKAGE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner

DANACOLORS INC (Continued) **1000144991**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002684603

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA FID UST:
Facility ID: 38002628
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 1833 EGBERT AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94124
Contact: Not reported

DANACOLORS INC (Continued) **1000144991**

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SAN FRANCISCO CO. UST:
Facility ID: 24424
Facility Status: Not reported
Number Of Tanks: 1
Owner/Operator Name: Not reported
Owner/Operator Title: Not reported
Owner Name: Not reported
Care Of Addr: Not reported
2nd Care Of Add: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Permit Number: Not reported
Permit Approved By: Not reported
Permit Expiration Date: Not reported
Applications: Not reported
Application Date: 3/18/1986
Application Name: Not reported
Action Type: Not reported
Yr Spill/Overfill Installed1: Not reported
Yr Spill/Overfill Installed2: Not reported
Yr Spill/Overfill Installed3: Not reported

Tank ID: Not reported
Tank Test: Not reported
Local Tank Id: Not reported
Tank Manufacturer: Not reported
Compartmentalized Tank: Not reported
Of Tank Compartments: Not reported
Date Tank Installed: Not reported
Tank Capacity: Not reported
Additional Desc: Not reported
Tank Use: Not reported
Petroleum Type: Not reported
Common Name: Not reported
Case Number: Not reported
Type Of Tank: Not reported
Primary Tank Material: Not reported
Secondary Tank Material: Not reported
Tank Interior Lining: Not reported
Date Interior Lining Install: Not reported
Date Closed: Not reported
UST Close ID: 537
Type Of Spill Protection: Not reported
Date Alarm Overfill Protection Installed: Not reported
Date Ball Float Overfill Protection Installed: Not reported
Date Fill Tube Shut Overfill Protection Installed: Not reported
Overfill Protection Exempt: Not reported
Othr Tnk Corrosive Prtctn: Not reported
Date Corrosive Prtctn Install: Not reported
Tank Leak Detection (single walled): Not reported

DANACOLORS INC (Continued) **1000144991**

Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

SWEEPS UST:

Status:	Not reported
Comp Number:	7781
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-007781-000001
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	1

Status:	Active
Comp Number:	7781
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92

DANACOLORS INC (Continued) **1000144991**

Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

ECHO:

Envid:	1000144991
Registry ID:	110002684603
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002684603

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71 **ARMSTRONG PLACE SENIOR HOUSING** **FINDS** **1016187356**
5600 THIRD ST **ECHO** **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110002634980

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1016187356
Registry ID:	110002634980
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002634980

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71 **BRIDGE HOUSING CORP.** **HAZNET** **S112951993**
5600 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112951993
Year:	2006
GEPAID:	CAC002601279
Contact:	KEVIN GRIFFITH
Telephone:	4159891111
Mailing Name:	Not reported
Mailing Address:	345 SPEAR ST STE 700
Mailing City,St,Zip:	SAN FRANCISCO, CA 941051673
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported

BRIDGE HOUSING CORP. (Continued) **S112951993**

Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	25.28
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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71 **CHMIRS** **S105643039**

5600 3RD STREET GALVANIZING COMPANY **N/A**
SAN FRANCISCO, CA

CHMIRS:

OES Incident Number:	16857
OES notification:	Not reported
OES Date:	12/7/1996
OES Time:	07:56:05 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Release to atmosphere/no cleanup
Containment:	Not reported
What Happened:	Not reported
Type:	VAPOR
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	San Francisco Fire dept
Incident Date:	1416 07Dec96
Admin Agency:	Not reported
Amount:	150 lbs
Contained:	NO
Site Type:	OTHER

(Continued) **S105643039**

E Date:	Not reported
Substance:	Anhydrous Amonia
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Valve left to tank of anhydrous amonia. a hose developed a leak releasing the vapor.

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71 **ARMSTRONG PLACE SENIOR HOUSING** **RCRA-LQG** **1000411498**
5600 THIRD ST **HAZNET** **CAD009113929**
SAN FRANCISCO, CA 94124

RCRA-LQG:

Date form received by agency:	03/23/2006
Facility name:	ARMSTRONG PLACE SENIOR HOUSING
Facility address:	5600 THIRD ST SAN FRANCISCO, CA 94124
EPA ID:	CAD009113929
Contact:	JESSE ELTON
Contact address:	5600 THIRD ST SAN FRANCISCO, CA 94124
Contact country:	US
Contact telephone:	415-989-1111
Telephone ext.:	7527
Contact email:	JELTON@BRIDGEHOUSING.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	SF REDEVELOPMENT AGENCY
Owner/operator address:	345 SPEAR ST BRIDGE TOWER LLC SAN FRANCISCO, CA 94105

ARMSTRONG PLACE SENIOR HOUSING (Continued) **1000411498**

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 10/29/2002
Owner/Op end date: Not reported

Owner/operator name: BRIDGE TOWER LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/22/2006
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D007
. Waste name: CHROMIUM

Historical Generators:
Date form received by agency: 09/01/1996
Site name: KORTICK MFG CO#
Classification: Small Quantity Generator

Date form received by agency: 08/22/1980
Site name: KORTICK MFG CO#
Classification: Large Quantity Generator

Violation Status: No violations found

HAZNET:
envid: 1000411498
Year: 2006
GEPAID: CAD009113929
Contact: JESSE ELTON EXT 7527
Telephone: 4158226660
Mailing Name: Not reported
Mailing Address: 5600 THIRD ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000

ARMSTRONG PLACE SENIOR HOUSING (Continued) **1000411498**

Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 0.15
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000411498
Year: 2006
GEPAID: CAD009113929
Contact: JESSE ELTON EXT 7527
Telephone: 4158226660
Mailing Name: Not reported
Mailing Address: 5600 THIRD ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 4.81
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000411498
Year: 2006
GEPAID: CAD009113929
Contact: JESSE ELTON EXT 7527
Telephone: 4158226660
Mailing Name: Not reported
Mailing Address: 5600 THIRD ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Disposal, Land Fill
Tons: 15.17
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000411498
Year: 2006
GEPAID: CAD009113929
Contact: JESSE ELTON EXT 7527
Telephone: 4158226660
Mailing Name: Not reported
Mailing Address: 5600 THIRD ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported

ARMSTRONG PLACE SENIOR HOUSING (Continued) **1000411498**

Waste Category:	Liquids with pH <= 2
Disposal Method:	Disposal, Other
Tons:	2.08
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	1000411498
Year:	2006
GEPAID:	CAD009113929
Contact:	JESSE ELTON EXT 7527
Telephone:	4158226660
Mailing Name:	Not reported
Mailing Address:	5600 THIRD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	NVT330010000
TSD County:	Not reported
Waste Category:	Liquids with pH <= 2
Disposal Method:	Disposal, Other
Tons:	1.25
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
8 additional CA_HAZNET: record(s) in the EDR Site Report.

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71 **KORTICK MFTG CO** **HAZNET** **S112912962**
5600 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112912962
Year:	2001
GEPAID:	CAC002331281
Contact:	BOB ROWELL/SALES ENG
Telephone:	4158226660
Mailing Name:	Not reported
Mailing Address:	PO BOX 24264
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CAT080014079
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	0.83
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

72 **ERNS** **875054**
DANA COLORS 1833 EGBERT AVE 415 467-2710 **N/A**
SAN FRANCISCO, CA

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

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72 **ERNS** **87463803**
DANA COLORS, 1833 EGBERT AVE **N/A**
SAN FRANCISCO, CA

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

---

73 **CCSF-H A MAINTENANCE YARD** **HAZNET** **S113026165**
1815 EGBERT AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113026165
Year:	2014
GEPAID:	CAC002730236
Contact:	JAMES MARK
Telephone:	4157155940
Mailing Name:	Not reported
Mailing Address:	1815 EGBERT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242519
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113026165
Year:	2013
GEPAID:	CAC002730236
Contact:	JAMES MARK
Telephone:	4157155940
Mailing Name:	Not reported
Mailing Address:	1815 EGBERT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941242519
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4

CCSF-H A MAINTENANCE YARD (Continued) **S113026165**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S113026165
Year: 2012
GEPAID: CAL000013371
Contact: HUMBERTO QUINONEZ
Telephone: 4152523977
Mailing Name: Not reported
Mailing Address: 1390 MARKET ST STE 210
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: San Francisco
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1815
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113026165
Year: 2012
GEPAID: CAL000013371
Contact: HUMBERTO QUINONEZ
Telephone: 4152523977
Mailing Name: Not reported
Mailing Address: 1390 MARKET ST STE 210
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: San Francisco
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1815
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113026165
Year: 2009
GEPAID: CAL000013371
Contact: SCOTT NAKAMURA/MGR
Telephone: 4155542727
Mailing Name: Not reported
Mailing Address: 1390 MARKET ST STE 210
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Liquids with mercury >= 20 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.004

CCSF-H A MAINTENANCE YARD (Continued) **S113026165**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
151 additional CA_HAZNET: record(s) in the EDR Site Report.

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73 **SF PUBLIC HOUSING DEVELOPMENT** **HIST CORTESE** **S103637253**
1815 EGBERT AVE **LUST** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:
Region: CORTESE
Facility County Code: 38
Reg By: LTNKA
Reg Id: 38-0298

LUST:
Region: STATE
Global Id: T0607500262
Latitude: 37.7268871
Longitude: -122.3997811
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/13/1996
Lead Agency: SAN FRANCISCO COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 38-0298
LOC Case Number: 10251
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Kerosene
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0607500262
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0607500262
Status: Open - Case Begin Date
Status Date: 09/23/1987

Global Id: T0607500262
Status: Completed - Case Closed
Status Date: 06/13/1996

SF PUBLIC HOUSING DEVELOPMENT (Continued) **S103637253**

Regulatory Activities:

Global Id:	T0607500262
Action Type:	ENFORCEMENT
Date:	06/13/1997
Action:	Closure/No Further Action Letter - #10251
Global Id:	T0607500262
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported
Global Id:	T0607500262
Action Type:	Other
Date:	09/23/1987
Action:	Leak Discovery

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73 **SF PUBLIC HOUSING DEVELOPMENT** **LUST** **S103472569**
1815 EGBERT AVE **N/A**
SAN FRANCISCO, CA 94124

LUST REG 2:

Region:	2
Facility Id:	38-0298
Facility Status:	Case Closed
Case Number:	10251
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0298
Facility Status:	Case Closed
Case Number:	10251
Case Type:	Other ground water affected
Release Date:	9/23/1987
Discovered Date:	9/23/1987
Substance:	Kerosene
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	9/23/1987
Case Closed:	6/13/1996
Closed Date:	6/13/1996
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	4/5/1994

SF PUBLIC HOUSING DEVELOPMENT (Continued) **S103472569**

Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	SFFD
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	CDM
Cross Street:	Not reported
NOR Date:	4/5/1994
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Yes
Priority:	Not reported
Abatement:	Replace Supply - provide alternative water supply to affected parties, Remove Free Product - remove floating product from water table
Enforcement Type:	NOR
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	9/23/1987
Free Product:	Yes
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Kerosene
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	Not reported
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported

SF PUBLIC HOUSING DEVELOPMENT (Continued) **S103472569**

Grnd Wtr Qualifier: Not reported
Soil Qualifier: Not reported
Comments: Not reported
Summary: Not reported

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73 **SF PUBLIC HOUSING DEVELOPMENT** **RGA LUST** **S114685326**
1815 EGBERT AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	SF PUBLIC HOUSING DEVELOPMENT	1815 EGBERT AVE
2011	SF PUBLIC HOUSING DEVELOPMENT	1815 EGBERT AVE
2010	SF PUBLIC HOUSING DEVELOPMENT	1815 EGBERT AVE
2009	SF PUBLIC HOUSING DEVELOPMENT	1815 EGBERT AVE
2008	SF PUBLIC HOUSING DEVELOPMENT	1815 EGBERT AVE
2007	SF PUBLIC HOUSING DEVELOPMENT	1815 EGBERT AVE
2006	SF PUBLIC HOUSING DEVELOPMENT	1815 EGBERT AVE
2005	SF PUBLIC HOUSING DEVELOPMENT	1815 EGBERT AVE
2003	SF PUBLIC HOUSING DEVELOPMENT	1815 EGBERT AVE

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73 **SF HOUSING AUTHORITY** **RGA LUST** **S114685267**
1815 EGBERT **N/A**
SAN FRANCISCO, CA

RGA LUST:

1992	SF HOUSING AUTHORITY	1815 EGBERT

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73 **SF PUBLIC HOUSING DEVELOPME** **RGA LUST** **S114685325**
1815 EGBERT AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2004	SF PUBLIC HOUSING DEVELOPME	1815 EGBERT AVE

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73 **JAMAL HADDAD** **UST** **U003778222**
1518 E PALMDALE BLVD **LOS ANGELES CO. HMS** **N/A**
PALMDALE, CA 93550

UST:
Facility ID: 32042
Permitting Agency: LOS ANGELES COUNTY
Latitude: 34.57958
Longitude: -118.10185

SAN FRANCISCO CO. UST:
Facility ID: 2872
Facility Status: Not reported

JAMAL HADDAD (Continued) **U003778222**

Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	4/17/1987
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	3/28/1988
UST Close ID:	538
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported

JAMAL HADDAD (Continued) **U003778222**

Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

LOS ANGELES CO. HMS:

Region:	LA
Permit Category:	T
Facility Id:	012234-032042
Facility Type:	0
Facility Status:	Removed
Area:	4A
Permit Number:	000281584
Permit Status:	Removed

---

73 ***SF HOUSING AUTHORITY** **CA FID UST** **S101592010**
1815 EGBERT AVE **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38000337
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	1815 EGBERT AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

***SF HOUSING AUTHORITY (Continued)** **S101592010**

SWEEPS UST:

Status:	Not reported
Comp Number:	2872
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-002872-000001
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	4

Status:	Not reported
Comp Number:	2872
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-002872-000002
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	2872
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-002872-000003
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	2872
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported

***SF HOUSING AUTHORITY (Continued)** **S101592010**

Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-002872-000004
Tank Status:	Not reported
Capacity:	285
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	2872
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

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73 **NATEC INTERNATIONAL, INC.** **FTTS** **1009907203**
1815 EGBERT AVENUE **N/A**
SAN FRANCISCO, CA 94124

FTTS INSP:

Inspection Number:	200602279ST83 1
Region:	09
Inspection Date:	02/27/06
Inspector:	RICK VOTAVA
Violation occurred:	No
Investigation Type:	Lead, Section 402, State
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	Training Facility/Provider

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73 **RHAPSODY GREEN CENTER** **FTTS** **1010351039**
1815 EGBERT AVENUE **N/A**
SAN FRANCISCO, CA 94124

FTTS INSP:

Inspection Number:	200702159ST76 1
Region:	09
Inspection Date:	02/15/07
Inspector:	CHARLES RACHLIS
Violation occurred:	No
Investigation Type:	Lead, Section 402, State

RHAPSODY GREEN CENTER (Continued) **1010351039**

Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: Training Facility/Provider

Inspection Number: 200711299ST76 1
Region: 09
Inspection Date: 11/29/07
Inspector: CHARLES RACHLIS
Violation occurred: No
Investigation Type: Lead, Section 402, State
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: Training Facility/Provider

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73 **RHAPSODY GREEN CENTER** **RCRA-LQG 1014386634**
1815 EGBERT AVENUE **FINDS CAL000013371**
SAN FRANCISCO, CA 94124

RCRA-LQG:
Date form received by agency: 05/13/2010
Facility name: CCSF - HOUSING AUTHORITY MAINTENANCE YARD
Facility address: 1815 EGBERT ST
SAN FRANCISCO, CA 94124
EPA ID: CAL000013371
Mailing address: MARKET ST SUITE #210
SAN FRANCISCO, CA 94102
Contact: HUMBERTO QUINONEZ
Contact address: MARKET ST SUITE #210
SAN FRANCISCO, CA 94102
Contact country: US
Contact telephone: (415) 252-3977
Contact email: HUMBERTO.QUINONEZ
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CCSF HOUSING AUTHORITY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1938

RHAPSODY GREEN CENTER (Continued) **1014386634**

Owner/Op end date: Not reported

Owner/operator name: CCSF - HOUSING AUTHORITY
Owner/operator address: EGBERT ST
SAN FRANCISCO, CA 94124
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1938
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 171
. Waste name: 171

. Waste code: 331
. Waste name: 331

. Waste code: 551
. Waste name: 551

. Waste code: 721
. Waste name: 721

. Waste code: 741
. Waste name: 741

. Waste code: 791
. Waste name: 791

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: D018

RHAPSODY GREEN CENTER (Continued) **1014386634**

. Waste name: BENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Violation Status: No violations found

FINDS:

Registry ID: 110055727888

Environmental Interest/Information System
STATE MASTER

Registry ID: 110030911707

Environmental Interest/Information System
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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73 **CCSF - HOUSING AUTHORITY MAINTENANCE YARD** **FINDS** **1014676878**
1815 EGBERT ST **ECHO** **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110042164001

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:
Envid: 1014676878
Registry ID: 110042164001

CCSF - HOUSING AUTHORITY MAINTENANCE YARD (Continued) **1014676878**

DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110042164001

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73 **SF HOUSING AUTHORITY** **RGA LUST** **S114685266**
1815 EGBERT AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

1998	SF HOUSING AUTHORITY	1815 EGBERT AVE
1997	SF HOUSING AUTHORITY	1815 EGBERT AVE
1996	SF HOUSING AUTHORITY	1815 EGBERT AVE
1995	SF HOUSING AUTHORITY	1815 EGBERT AVE
1994	SF HOUSING AUTHORITY	1815 EGBERT AVE
1993	SF HOUSING AUTHORITY	1815 EGBERT AVE

---

73 **SAN FRANCISCO HOUSING PROJECT** **RGA LUST** **S114681148**
1815 EGBERT AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	SAN FRANCISCO HOUSING PROJECT	1815 EGBERT AVE
2001	SAN FRANCISCO HOUSING PROJECT	1815 EGBERT AVE
2000	SAN FRANCISCO HOUSING PROJECT	1815 EGBERT AVE

---

74 **ISAACS J W** **EDR Hist Cleaner** **1009130679**
1418 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name: ISAACS J W
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

Name: ISAACS J W
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

---

75 **NICKAS GEO** **EDR Hist Auto** **1008998212**
2780 SAN BRUNO **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name: NICKAS GEO
Year: 1930
Type: AUTOMOBILE REPAIRING

Name: NICKAS GEO
Year: 1930
Type: AUTOMOBILE REPAIRING

Name: NICKAS GEO
Year: 1935
Type: AUTOMOBILE REPAIRING

NICKAS GEO (Continued) **1008998212**

Name: NICKAS GEO
Year: 1935
Type: AUTOMOBILE REPAIRING

Name: NICKAS GEO
Year: 1940
Type: AUTOMOBILE REPAIRING

Name: NICKAS GEO
Year: 1940
Type: AUTOMOBILE REPAIRING

Name: NICKAS GEO
Year: 1944
Type: AUTOMOBILE REPAIRING

Name: NICKAS GEO
Year: 1949
Type: AUTOMOBILE REPAIRING

Name: NICKAS GEO
Year: 1949
Type: AUTOMOBILE REPAIRING

Name: AVENUE AUTO REPAIR SHOP
Year: 1953
Type: AUTOMOBILE REPAIRING

Name: AVENUE AUTO REPAIR SHOP
Year: 1953
Type: AUTOMOBILE REPAIRING

Name: AVENUE AUTO REPAIR SHOP
Year: 1958
Type: AUTOMOBILE REPAIRING

Name: AVENUE AUTO REPAIR SHOP
Year: 1958
Type: AUTOMOBILE REPAIRING

Name: AVENUE AUTO REPAIR SHOP
Year: 1962
Type: AUTOMOBILE REPAIRING

Name: AVENUE AUTO REPAIR SHOP
Year: 1962
Type: AUTOMOBILE REPAIRING

Name: AVENUE AUTO REPAIR SHOP
Year: 1966
Type: AUTOMOBILE REPAIRING

Name: AVENUE AUTO REPAIR SHOP
Year: 1966
Type: AUTOMOBILE REPAIRING

Name: DAN S AUTO RECONSTRUCTION

NICKAS GEO (Continued) **1008998212**

Year: 1971
Type: AUTOMOBILE REPAIRING

Name: DAN S AUTO RECONSTRUCTION
Year: 1971
Type: AUTOMOBILE REPAIRING

Name: PORTOLA AUTO SERVICE
Year: 1977
Type: AUTOMOBILE REPAIRING

Name: PORTOLA AUTO SERVICE
Year: 1977
Type: AUTOMOBILE REPAIRING

Name: PORTOLA AUTO SERVICE
Year: 1982
Type: AUTOMOBILE REPAIRING

Name: PORTOLA AUTO SERVICE
Year: 1982
Type: AUTOMOBILE REPAIRING

---

75 **EDR Hist Auto** **1009069418**

2780 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:

Name: NICKAS GEO
Year: 1944
Type: AUTOMOBILE REPAIRING

Name: PORTOLA AUTO SERVICE
Year: 1999
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2000
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2001
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2002
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2003
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2004
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2005

(Continued) **1009069418**

Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2006
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2007
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2008
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2009
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SVC
Year: 2010
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2011
Address: 2780 SAN BRUNO AVE

Name: PORTOLA AUTO SERVICE
Year: 2012
Address: 2780 SAN BRUNO AVE

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75 **PORTOLA AUTO SERVICE** **FINDS** **1016420665**
2780 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

FINDS:

Registry ID: 110055679573

Environmental Interest/Information System
STATE MASTER

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76 **METTEN AND GEBHARD** **FINDS** **1010725178**
1775 EGBERT AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110033610643

Environmental Interest/Information System
California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal

METTEN AND GEBHARD (Continued) **1010725178**

Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

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76 **STONUM & CO** **HAZNET** **S113030084**
1775 EGGBERT **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113030084
Year:	1998
GEPAID:	CAL000023396
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1775 EGGBERT
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	TND000614321
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Not reported
Tons:	.4250
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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76 **METTEN & GEBHARDT TANNERY** **SEMS-ARCHIVE** **1003878291**
1775 EGBERT AVE **CAD009122656**
SAN FRANCISCO, CA 94124

SEMS-ARCHIVE:

Site ID:	901149
EPA ID:	CAD009122656
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0901149
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13290446.00000
Person ID:	13003854.00000
Contact Sequence ID:	13296041.00000
Person ID:	13003858.00000
Contact Sequence ID:	13301899.00000
Person ID:	13004003.00000

METTEN & GEBHARDT TANNERY (Continued) **1003878291**

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: SALZ LEATHER CO
Alias Address: Not reported
CA

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 12/01/81
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 06/01/82
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: / /
Date Completed: 03/01/85
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 03/01/85
Priority Level: Not reported

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76 **RICHARD L. DICKINSON PAINTING CONTRACTOR** **HAZNET** **S113061254**
1775 EGBERT ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S113061254
Year: 2003
GEPAID: CAL000105457
Contact: RICHARD L. DICKINSON/OWNER
Telephone: 4158263752
Mailing Name: Not reported
Mailing Address: 120 EL BONITO WY
Mailing City,St,Zip: MILLBRAE, CA 940300000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.41
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

76 **SAN FRANCISCO DESIGN** | **HIST Cal-Sites** | **1000400356**
1775 EGBERT AVE | **RESPONSE** | **N/A**
SAN FRANCISCO, CA 94124 | **HAZNET**
ENVIROSTOR

Calsite:

Region:	BERKELEY
Facility ID:	38310001
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	01011984
Status:	CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name:	CERTIFIED
Lead Agency:	N/A
NPL:	Not reported
SIC Code:	31
SIC Name:	MANU - LEATHER & LEATHER PRODUCTS
Access:	Controlled
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
Staff Member Responsible for Site:	KHILF
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	13
State Senate District Code:	08
Facility ID:	38310001
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08201981
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

SAN FRANCISCO DESIGN (Continued) **1000400356**

Facility ID:	38310001
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01011984
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	38310001
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01211987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	1775 EGBERT AVENUE
Alternate City,St,Zip:	SAN FRANCISCO, CA 94124
Background Info:	This site is located in the Bay View neighborhood in San Fracisco , California. It is in a mixed industrial-urban area and consists of three buildings and a parking area with a fenced perimeter to prevent public access. The nearest residential area is twelve hundred feet to the northeast. Railroad tracks, a vacant lot, Bayshore Boulevard and US Highway 101 are to the west of the site site. The site is bordered by a three-story

SAN FRANCISCO DESIGN (Continued) **1000400356**

office building to the west; railroad tracks, a public storage business, and a vacant lot to the southeast. The South Basin area of San Francisco Bay is approximately one mile to the east. Metten & Gebhard operated a tannery from the early 1900's to 1979. The site was then leased to Salz Leather Company from 1979 to 1981. Both of these operations used chrome and vegetable tanning processes. Trivalent chromium was used in the process. The building was vacant with a caretaker for serveral years. AC Electric Company, owned by Andreas Christofordis, acquired the site in 1983. A Site Screeing was conducted in March 2003 to verify the status of the property. The site screening determined that no further action was needed at the site.

Comments Date: 01011984
Comments: June 1984, DHS inspected the site and found some high chromium
Comments Date: 01011984
Comments: results. After removing the subsurface soil/sediments under the
Comments Date: 01011984
Comments: wooden floor inside the building, it was discovered that the
Comments Date: 01011984
Comments: entire area was on a concrete sub-floor. This area was scraped
Comments Date: 01011984
Comments: clean with the soil/sediment placed in drums for shipment and
Comments Date: 01011984
Comments: the floor steam cleaned. The concrete sub-floor showed no cracks
Comments Date: 01011984
Comments: or staining after the cleaning. In July 1984, another inspection
Comments Date: 01011984
Comments: of area showed that all exposed soil/sediment was removed. The
Comments Date: 01011984
Comments: entire site is either paved or concreted with no exposed soil.
Comments Date: 01011984
Comments: The site was certified in 1984 as closed.
Comments Date: 08201981
Comments: DISC - In 1981, Department of Health Services (DHS) predecessor
Comments Date: 08201981
Comments: to Department of Toxic Substances Control (DTSC) identified the
Comments Date: 08201981
Comments: site as a part of the Abandoned Site Project and two drums were
Comments Date: 08201981
Comments: sampled. The results were iron up to 6916 parts per million
Comments Date: 08201981
Comments: (ppm) arsenic up to 916 ppm and chromium up to 6600 ppm.
Comments Date: 01011984
Comments: CERT - Testing of soil/sediments within the building in the
Comments Date: 01011984
Comments: sumps and trenches took place in November 1982. Results
Comments Date: 01011984
Comments: indicated chromium contamination (upto 15,500 milligrams per
Comments Date: 01011984
Comments: kilogram (mg/kg)) in the subsuface soils. In groundwater, one
Comments Date: 01011984
Comments: grab sample had fifty- three micrograms per milliter (ug/ml) of
Comments Date: 01011984
Comments: chromium. The industrial well was non-detect for chromium. In
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD009122656
Alternate Name: METTEN AND GEBHARDT

SAN FRANCISCO DESIGN (Continued) **1000400356**

Alternate Name: METTEN AND GEBHARD
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

RESPONSE:
Facility ID: 38310001
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 2.03
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Daniel Murphy
Division Branch: Cleanup Berkeley
Site Code: Not reported
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 17
Senate: 11
Special Program Status: Not reported
Status: Certified
Status Date: 01/01/1984
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.7275
Longitude: -122.4011
APN: 5431A002, 5431A010
Past Use: MANUFACTURING - LEATHER
Potential COC : Chromium III
Confirmed COC: Chromium III
Potential Description: SOIL
Alias Name: METTEN AND GEBHARDT
Alias Type: Alternate Name
Alias Name: 5431A002
Alias Type: APN
Alias Name: 5431A010
Alias Type: APN
Alias Name: CAD009122656
Alias Type: EPA Identification Number
Alias Name: 110033610643
Alias Type: EPA (FRS #)
Alias Name: 38310001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/01/1984
Comments: Testing of soil/sediments within the building in the sumps and trenches took place in November 1982. Results indicated chromium contamination (up to 15,500 milligrams per kilogram (mg/kg)) in the subsuface soils. In groundwater, one grab sample had fifty- three micrograms per milliter (ug/ml) of chromium. The industrial well was non-detect for chromium. In June 1984, DHS inspected the site and found some high chromium results. After removing the subsurface

SAN FRANCISCO DESIGN (Continued) **1000400356**

soil/sediments under the wooden floor inside the building, it was discovered that the entire area was on a concrete sub-floor. This area was scraped clean with the soil/sediment placed in drums for shipment and the floor steam cleaned. The concrete sub-floor showed no cracks or staining after the cleaning. In July 1984, another inspection of area showed that all exposed soil/sediment was removed. The entire site is either paved or concreted with no exposed soil. The site was certified in 1984 as closed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/20/1981
Comments: DISC - In 1981, Department of Health Services (DHS) predecessor to Department of Toxic Substances Control (DTSC) identified the site as a part of the Abandoned Site Project and two drums were sampled. The results were iron up to 6916 parts per million (ppm) arsenic up to 916 ppm and chromium up to 6600 ppm.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/21/1987
Comments: There are no documents that match this date or activity in the current files.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/27/2003
Comments: The site has been certified and closed. All contaminated soils/sediments above the concrete subfloor were removed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:
envid: 1000400356
Year: 2015
GEPAID: CAC002813819
Contact: LEO TALOMA
Telephone: 4157564037
Mailing Name: Not reported
Mailing Address: 1775 EGBERT AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 94124
Gen County: San Francisco
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

SAN FRANCISCO DESIGN (Continued) **1000400356**

(H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Francisco

ENVIROSTOR:
Facility ID: 38310001
Status: Certified
Status Date: 01/01/1984
Site Code: Not reported
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 2.03
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Daniel Murphy
Division Branch: Cleanup Berkeley
Assembly: 17
Senate: 11
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.7275
Longitude: -122.4011
APN: 5431A002, 5431A010
Past Use: MANUFACTURING - LEATHER
Potential COC: Chromium III
Confirmed COC: Chromium III
Potential Description: SOIL
Alias Name: METTEN AND GEBHARDT
Alias Type: Alternate Name
Alias Name: 5431A002
Alias Type: APN
Alias Name: 5431A010
Alias Type: APN
Alias Name: CAD009122656
Alias Type: EPA Identification Number
Alias Name: 110033610643
Alias Type: EPA (FRS #)
Alias Name: 38310001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/01/1984
Comments: Testing of soil/sediments within the building in the sumps and trenches took place in November 1982. Results indicated chromium contamination (up to 15,500 milligrams per kilogram (mg/kg)) in the subsuface soils. In groundwater, one grab sample had fifty- three micrograms per milliter (ug/ml) of chromium. The industrial well was

SAN FRANCISCO DESIGN (Continued) **1000400356**

non-detect for chromium. In June 1984, DHS inspected the site and found some high chromium results. After removing the subsurface soil/sediments under the wooden floor inside the building, it was discovered that the entire area was on a concrete sub-floor. This area was scraped clean with the soil/sediment placed in drums for shipment and the floor steam cleaned. The concrete sub-floor showed no cracks or staining after the cleaning. In July 1984, another inspection of area showed that all exposed soil/sediment was removed. The entire site is either paved or concreted with no exposed soil. The site was certified in 1984 as closed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	08/20/1981
Comments:	DISC - In 1981, Department of Health Services (DHS) predecessor to Department of Toxic Substances Control (DTSC) identified the site as a part of the Abandoned Site Project and two drums were sampled. The results were iron up to 6916 parts per million (ppm) arsenic up to 916 ppm and chromium up to 6600 ppm.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	01/21/1987
Comments:	There are no documents that match this date or activity in the current files.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/27/2003
Comments:	The site has been certified and closed. All contaminated soils/sediments above the concrete subfloor were removed.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

---

77 **SILVIA THEIN** **HAZNET** **S118934572**
431 BACON ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118934572
Year:	2015
GEPAID:	CAC002838356
Contact:	SILVIA THEIN
Telephone:	4152692838
Mailing Name:	Not reported
Mailing Address:	431 BACON ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341745

SILVIA THEIN (Continued) **S118934572**

Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.23
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Francisco

---

78 **5700 3RD ST** **RGA LUST** **S114566261**
5700 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2007	5700 3RD ST	5700 3RD ST
2006	5700 3RD ST	5700 3RD ST
2005	5700 3RD ST	5700 3RD ST
2004	5700 3RD ST	5700 3RD ST
2003	5700 3RD ST	5700 3RD ST
2002	5700 3RD ST	5700 3RD ST

---

78 **UNKNOWN** **RGA LUST** **S114710293**
5700 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1997	UNKNOWN	5700 3RD ST
1996	UNKNOWN	5700 3RD ST
1995	UNKNOWN	5700 3RD ST
1994	UNKNOWN	5700 3RD ST
1993	UNKNOWN	5700 3RD ST
1992	UNKNOWN	5700 3RD ST

---

78 **5700 3RD ST** **SLIC** **S105194761**
5700 3RD ST **N/A**
SAN FRANCISCO, CA 94124

SLIC:

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 04/07/1986
Global Id: T0607591570
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.726222
Longitude: -122.394124
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: SAN FRANCISCO COUNTY LOP
RB Case Number: 38S0014
File Location: Not reported
Potential Media Affected: Soil

5700 3RD ST (Continued) **S105194761**

Potential Contaminants of Concern: Alcohols
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 2:
Region: 2
Facility ID: 38S0014
Facility Status: Case Closed
Date Closed: 4/7/1986
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

---

78 **TWIGS THE** **RCRA-SQG** **1000237038**
5700 3RD ST **FINDS** **CAD981449648**
SAN FRANCISCO, CA 94124 **ECHO**

RCRA-SQG:
Date form received by agency: 03/04/1986
Facility name: TWIGS THE
Facility address: 5700 3RD ST
SAN FRANCISCO, CA 94124
EPA ID: CAD981449648
Contact: ENVIRONMENTAL MANAGER
Contact address: 5700 3RD ST
SAN FRANCISCO, CA 94124
Contact country: US
Contact telephone: (415) 822-1626
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: ARTHUR ATHAS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

TWIGS THE (Continued) **1000237038**

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002710969

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000237038
Registry ID: 110002710969
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002710969

---

78 **LORRIE DEB BLDG** **CA FID UST** **S101592319**
5700 3RD ST **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:
Facility ID: 38002711
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported

LORRIE DEB BLDG (Continued) **S101592319**

Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 5700 3RD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94124
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 4047
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-004047-000001
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: 2

Status: Not reported
Comp Number: 4047
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-004047-000002
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

78 **DELANCEY STREET FOUNDATION** **HAZNET** **S113137967**
5700 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113137967
Year:	2008
GEPAID:	CAL000295907
Contact:	CHARLOTTE BAKER
Telephone:	4159579800
Mailing Name:	Not reported
Mailing Address:	600 EMBARACADERO
Mailing City,St,Zip:	SAN FRANCISCO, CA 941070000
Gen County:	Not reported
TSD EPA ID:	TXD077603371
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.25
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

79 **CHMIRS** **S112828689**
2811 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

CHMIRS:

OES Incident Number:	12-3424
OES notification:	06/12/2012
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Residence

(Continued) **S112828689**

Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Lbs.
Other:	Not reported
Date/Time:	1555
Year:	2012
Agency:	NRC
Incident Date:	6/12/2012
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	NATURAL GAS
Quantity Released:	UNK
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	1
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Per the NRC report, "Caller states that a multi-family unit that was under construction has exploded from an unknown cause. There were 3 contractors that were working at the job site and one was injured. The fire department observed that there was a gas leak that was contributing to the fire from a 1 inch plastic service line. Before the explosion, a contractor was performing welding on a water service line which was occurring 8 inches from the gas line. An explosion then occurred 3 feet from the face of the building. At 1615 PG&E responded. Police, fire and media are on scene. Damages are above 50k. The flow of gas was stopped at 1750 by squeezing at the service tee. It is unknown if the gas leak began before or after the explosion. Gas has been stopped to the building, The Fire Dept is extinguishing the fire"

79 **ERNS** **2012014387**
2811 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

---

79 **EDR Hist Cleaner** **1015033864**
2805 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:

Name:	MAGNIFICENT CLEANERS
Year:	2004
Address:	2805 SAN BRUNO AVE
Name:	MAGNIFICENT CLEANERS
Year:	2005
Address:	2805 SAN BRUNO AVE

---

80 **EDR Hist Cleaner** **1015034170**
2818 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:

Name:	HOS TAILORS & CLEANERS
Year:	2001
Address:	2818 SAN BRUNO AVE
Name:	HOS TAILORS & CLEANERS
Year:	2002
Address:	2818 SAN BRUNO AVE
Name:	HO TAILORS & CLEANERS
Year:	2005
Address:	2818 SAN BRUNO AVE

---

80 **EASY LAUNDERETTE** **EDR Hist Cleaner** **1009132155**
2810 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	EASY LAUNDERETTE
Year:	1962
Type:	LAUNDRIES SELF SERVE
Name:	EASY LAUNDERETTE
Year:	1966
Type:	LAUNDRIES-SELF SERVE
Name:	EASY LAUNDERETTE
Year:	1966
Type:	LAUNDRIES SELF SERVE

EASY LAUNDERETTE (Continued) **1009132155**

Name: A & A LAUNDERETTE
Year: 1971
Type: LAUNDRIES-SELF SERVE

Name: A & A LAUNDERETTE
Year: 1977
Type: LAUNDRIES SELF SERVE

Name: A & A LAUNDERETTE
Year: 1977
Type: LAUNDRIES-SELF SERVE

Name: A AND A LAUNDERETTE
Year: 1982
Type: LAUNDRIES-SELF SERVE

Name: A AND A LAUNDERETTE
Year: 1982
Type: LAUNDRIES SELF SERVE

Name: A & A AUTOMATIC LAUNDRY
Year: 1999
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY
Year: 2000
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY
Year: 2001
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY
Year: 2002
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY
Year: 2003
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY
Year: 2004
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY
Year: 2005
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY
Year: 2006
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY
Year: 2007
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY

EASY LAUNDERETTE (Continued) **1009132155**

Year: 2010
Address: 2810 SAN BRUNO AVE

Name: A & A AUTOMATIC LAUNDRY
Year: 2011
Address: 2810 SAN BRUNO AVE

---

80 **JOHN MARINO'S SERVICE** **LUST** **S101623369**
2800 SAN BRUNO AVE **CA FID UST** **N/A**
SAN FRANCISCO, CA 94134 **SWEEPS UST**

LUST REG 2:
Region: 2
Facility Id: 38-2293
Facility Status: Not reported
Case Number: 11632
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CA FID UST:
Facility ID: 38000760
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 2800 SAN BRUNO AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94134
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 3167
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-003167-000001

JOHN MARINO'S SERVICE (Continued) **S101623369**

Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: 4

Status: Not reported
Comp Number: 3167
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-003167-000002
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 3167
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-003167-000003
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 3167
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-003167-000004
Tank Status: Not reported
Capacity: 400
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED

JOHN MARINO'S SERVICE (Continued) **S101623369**

Number Of Tanks: Not reported

Status: Active
Comp Number: 3167
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

---

80 **JOHN MARINO'S** **UST** **U003903919**
2800 SAN BRUNO AV **N/A**
, CA

SAN FRANCISCO CO. UST:
Facility ID: 3167
Facility Status: Not reported
Number Of Tanks: 4
Owner/Operator Name: Not reported
Owner/Operator Title: Not reported
Owner Name: Not reported
Care Of Addr: Not reported
2nd Care Of Add: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Permit Number: Not reported
Permit Approved By: Not reported
Permit Expiration Date: Not reported
Applications: Not reported
Application Date: 2/27/1989
Application Name: Not reported
Action Type: Not reported
Yr Spill/Overfill Installed1: Not reported
Yr Spill/Overfill Installed2: Not reported
Yr Spill/Overfill Installed3: Not reported

Tank ID: Not reported
Tank Test: Not reported
Local Tank Id: Not reported
Tank Manufacturer: Not reported
Compartmentalized Tank: Not reported
Of Tank Compartments: Not reported
Date Tank Installed: Not reported
Tank Capacity: Not reported
Additional Desc: Not reported
Tank Use: Not reported
Petroleum Type: Not reported
Common Name: Not reported
Case Number: Not reported

JOHN MARINO'S (Continued) **U003903919**

Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	134
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

80 **CITY SERVICE**
2800 SAN BRUNO AVE
SAN FRANCISCO, CA 94134

Database(s): **RCRA-SQG, FINDS, HIST UST, HAZNET, ECHO**

EDR ID Number: **1000596007**
EPA ID Number: **CAD983599663**

RCRA-SQG:

Date form received by agency:	08/01/1991
Facility name:	CITY SERVICE
Facility address:	2800 SAN BRUNO AVE SAN FRANCISCO, CA 94134
EPA ID:	CAD983599663
Contact:	EDWARD LIM
Contact address:	2800 SAN BRUNO AVE SAN FRANCISCO, CA 94134
Contact country:	US
Contact telephone:	(415) 467-7399
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ED LIM
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

CITY SERVICE (Continued) **1000596007**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002856516

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HIST UST:
File Number: 0002F77E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F77E.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:
envid: 1000596007
Year: 2000
GEPAID: CAD983599663
Contact: NOT REQUIRED
Telephone: 4155551212
Mailing Name: Not reported
Mailing Address: 2800 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAL000161743

CITY SERVICE (Continued) **1000596007**

TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 0.5
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000596007
Year: 1998
GEPAID: CAD983599663
Contact: ED LIM
Telephone: 4155551212
Mailing Name: Not reported
Mailing Address: 2800 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Transfer Station
Tons: .4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000596007
Year: 1997
GEPAID: CAD983599663
Contact: ED LIM
Telephone: 4155551212
Mailing Name: Not reported
Mailing Address: 2800 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .4378
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1000596007
Year: 1996
GEPAID: CAD983599663
Contact: ED LIM
Telephone: 4155551212
Mailing Name: Not reported
Mailing Address: 2800 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAD980818645
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station

CITY SERVICE (Continued) **1000596007**

Tons: .4795
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

ECHO:
Envid: 1000596007
Registry ID: 110002856516
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002856516

---

80 **CITY SERVICE** **HAZNET** **S113057713**
2800 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S113057713
Year: 1994
GEPAID: CAL000094186
Contact: LIM EDWARD C
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2800 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: Not reported
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .1250
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113057713
Year: 1994
GEPAID: CAL000094186
Contact: LIM EDWARD C
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2800 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: .4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

80 **SUNRISE AUTO SERVICE** **RGA LUST** **S114697243**
2800 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE
2011	SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE
2010	SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE
2009	SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE
2008	SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE
2007	SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE
2006	SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE
2005	SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE
2004	SUNRISE AUTO SERVICE	2800 SAN BRUNO AVE

---

80 **VINCE S TEXACO SERVICE** **EDR Hist Auto** **1009000959**
2800 SAN BRUNO AV **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name: AVENUE SERVICE STATION
Year: 1930
Type: GASOLINE AND OIL SERVICE STATIONS

Name: VINCE S TEXACO SERVICE
Year: 1953
Type: GASOLINE STATIONS

Name: VINCE S TEXACO SERVICE
Year: 1958
Type: GASOLINE STATIONS

Name: CREIGHTON S FLYING A SERVICE STATION
Year: 1962
Type: GASOLINE STATIONS

Name: CREIGHTON S FLYING A SERVICE STATION
Year: 1966
Type: GASOLINE STATIONS

Name: CREIGHTON S FLYING A SERVICE STATION
Year: 1966
Type: GASOLINE STATIONS

Name: CREIGHTON S PHILLIPS 66 SERVICE STATION
Year: 1971
Type: GASOLINE STATIONS

Name: MARINE S JOHN OLYMPIC SERVICE STATION
Year: 1977
Type: GASOLINE STATIONS

Name: MARINE S JOHN OLYMPIC SERVICE STATION
Year: 1977
Type: GASOLINE STATIONS

Name: MARINO S JOHN ALLIANCE SERVICE STATION
Year: 1982
Type: GASOLINE STATIONS

VINCE S TEXACO SERVICE (Continued) **1009000959**

Name: MARINO S JOHN ALLIANCE SERVICE STATION
Year: 1982
Type: GASOLINE STATIONS

Name: SUNRISE AUTO SERVICE
Year: 2004
Address: 2800 SAN BRUNO AVE

Name: SUNRISE AUTO SERVICE
Year: 2006
Address: 2800 SAN BRUNO AVE

Name: SUNRISE AUTO SERVICE
Year: 2008
Address: 2800 SAN BRUNO AVE

Name: SUNRISE AUTO SERVICE
Year: 2009
Address: 2800 SAN BRUNO AVE

Name: SUNRISE AUTO SVC
Year: 2010
Address: 2800 SAN BRUNO AVE

Name: SUNRISE AUTO SERVICE
Year: 2011
Address: 2800 SAN BRUNO AVE

Name: SUNRISE AUTO SERVICE
Year: 2012
Address: 2800 SAN BRUNO AVE

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80 **SUNRISE AUTO SERVICE** **LUST U001595808**
2800 SAN BRUNO AVE **HIST UST N/A**
SAN FRANCISCO, CA 94134

LUST:
Region: STATE
Global Id: T0607525421
Latitude: 37.726224
Longitude: -122.403299
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/08/2007
Lead Agency: SAN FRANCISCO COUNTY LOP
Case Worker: SC
Local Agency: SAN FRANCISCO COUNTY LOP
RB Case Number: 38-2293
LOC Case Number: 11632
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0607525421

SUNRISE AUTO SERVICE (Continued) **U001595808**

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0607525421
Contact Type: Local Agency Caseworker
Contact Name: STEPHANIE CUSHING
Organization Name: SAN FRANCISCO COUNTY LOP
Address: 1390 MARKET STREET #210
City: SAN FRANCISCO
Email: stephanie.cushing@sfdph.org
Phone Number: Not reported

Status History:
Global Id: T0607525421
Status: Open - Case Begin Date
Status Date: 07/06/2004

Global Id: T0607525421
Status: Open - Site Assessment
Status Date: 07/06/2004

Global Id: T0607525421
Status: Open - Site Assessment
Status Date: 07/19/2005

Global Id: T0607525421
Status: Completed - Case Closed
Status Date: 11/08/2007

Regulatory Activities:
Global Id: T0607525421
Action Type: Other
Date: 07/06/2004
Action: Leak Discovery

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 09/18/2006
Action: File review

Global Id: T0607525421
Action Type: Other
Date: 07/06/2004
Action: Leak Reported

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 07/21/2004
Action: Staff Letter

Global Id: T0607525421

SUNRISE AUTO SERVICE (Continued) **U001595808**

Action Type: ENFORCEMENT
Date: 10/21/2004
Action: Meeting

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 01/25/2005
Action: Staff Letter

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 07/21/2004
Action: File review

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 07/20/2004
Action: Notice of Responsibility

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 08/18/2005
Action: File review

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 06/24/2005
Action: * Historical Enforcement

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 06/24/2005
Action: File review

Global Id: T0607525421
Action Type: REMEDIATION
Date: 07/06/2004
Action: Excavation

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 05/04/2006
Action: Site Visit / Inspection / Sampling

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 01/05/2007
Action: File review

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 01/05/2007
Action: Staff Letter

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 11/08/2006

SUNRISE AUTO SERVICE (Continued) **U001595808**

Action: File review

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 11/08/2007
Action: Closure/No Further Action Letter

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 05/24/2007
Action: File review

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 05/24/2007
Action: Referral to Regional Board

Global Id: T0607525421
Action Type: ENFORCEMENT
Date: 08/19/2005
Action: Staff Letter

HIST UST:
File Number: 0002F77D
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F77D.pdf
Region: STATE
Facility ID: 00000024715
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 4154689808
Owner Name: JOHN MARINO SERV.
Owner Address: 2800 SAN BRUNO
Owner City,St,Zip: SAN FRANCISCO, CA 94134
Total Tanks: 0003

Tank Num: 001
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 2

SUNRISE AUTO SERVICE (Continued) **U001595808**

Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

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81 **ANDREW M JORDAN INC DBA A&B CONSTRUCTION** **HAZNET** **S113153160**
1755 EGBERT AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113153160
Year:	2014
GEPAID:	CAL000334131
Contact:	CAROLE GIBB
Telephone:	4153622266
Mailing Name:	Not reported
Mailing Address:	1350 4TH STREET
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	San Francisco
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Unspecified solvent mixture
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.198
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113153160
Year:	2013
GEPAID:	CAL000334131
Contact:	CAROLE GIBB
Telephone:	4153622266
Mailing Name:	Not reported
Mailing Address:	712 SANSOME ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941111704
Gen County:	San Francisco
TSD EPA ID:	CAD980887418
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0625
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S113153160
Year:	2012
GEPAID:	CAL000334131
Contact:	CAROLE GIBB
Telephone:	4153622266
Mailing Name:	Not reported
Mailing Address:	712 SANSOME ST

ANDREW M JORDAN INC DBA A&B CONSTRUCTION (Continued) **S113153160**

Mailing City,St,Zip:	SAN FRANCISCO, CA 941111704
Gen County:	San Francisco
TSD EPA ID:	CAD980887418
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	5.1291
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113153160
Year:	2011
GEPAID:	CAL000334131
Contact:	CAROLE GIBB
Telephone:	4153622266
Mailing Name:	Not reported
Mailing Address:	712 SANSOME ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941111704
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.209
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113153160
Year:	2011
GEPAID:	CAL000334131
Contact:	CAROLE GIBB
Telephone:	4153622266
Mailing Name:	Not reported
Mailing Address:	712 SANSOME ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941111704
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.06
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

82 **AT&T MOBILITY - HWY 101 & SILVER (12735)** **FINDS** **1016874009**
1485 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110059742854

Environmental Interest/Information System
STATE MASTER

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83 **CHMIRS** **S105670759**
2401 KEITH ST. **N/A**
SAN FRANCISCO, CA 94124

CHMIRS:

OES Incident Number:	1-6469
OES notification:	11/07/2001
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	S.F Fire Dept.
Incident Date:	11/7/200112:00:00 AM
Admin Agency:	San Francisco County Health Department

(Continued) **S105670759**

Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Mercury;;;
Unknown:	0.000000
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	2
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A patience son in the waiting room of the clinic was pumping up blood pressure devices and they exploded accidentally.

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83 **CCSF-DPH SOUTHEAST HEALTH CENTER** **HAZNET** **S113026200**
2401 KEITH ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113026200
Year:	2015
GEPAID:	CAL000013412
Contact:	HUMBERTO QUINONEZ
Telephone:	4152523977
Mailing Name:	Not reported
Mailing Address:	1390 MARKET ST STE 210
Mailing City,St,Zip:	SAN FRANCISCO, CA 94102
Gen County:	San Francisco
TSD EPA ID:	CAD981429673
TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.04587
Cat Decode:	Photochemicals/photoprocessing waste
Method Decode:	Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Facility County:	San Francisco

envid:	S113026200
Year:	2014
GEPAID:	CAL000013412
Contact:	HUMBERTO QUINONEZ
Telephone:	4152523977
Mailing Name:	Not reported
Mailing Address:	1390 MARKET ST STE# 210
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD981429673

CCSF-DPH SOUTHEAST HEALTH CENTER (Continued) **S113026200**

TSD County:	Marin
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.0417
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113026200
Year:	2013
GEPAID:	CAL000013412
Contact:	HUMBERTO QUINONEZ
Telephone:	4152523977
Mailing Name:	Not reported
Mailing Address:	1390 MARKET ST STE# 210
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported
envid:	S113026200
Year:	2013
GEPAID:	CAL000013412
Contact:	HUMBERTO QUINONEZ
Telephone:	4152523977
Mailing Name:	Not reported
Mailing Address:	1390 MARKET ST STE# 210
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.22935
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported
envid:	S113026200
Year:	2013
GEPAID:	CAL000013412
Contact:	HUMBERTO QUINONEZ
Telephone:	4152523977
Mailing Name:	Not reported
Mailing Address:	1390 MARKET ST STE# 210
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD981429673
TSD County:	Marin

CCSF-DPH SOUTHEAST HEALTH CENTER (Continued) **S113026200**

Waste Category: Not reported
Disposal Method: Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.0417
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
25 additional CA_HAZNET: record(s) in the EDR Site Report.

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84 **SALES MART** **RGA LUST** **S114680344**
1485 BAYSHORE BLVD **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	SALES MART	1485 BAYSHORE BLVD
2011	SALES MART	1485 BAYSHORE BLVD
2010	SALES MART	1485 BAYSHORE BLVD
2009	SALES MART	1485 BAYSHORE BLVD
2008	SALES MART	1485 BAYSHORE BLVD
2007	SALES MART	1485 BAYSHORE BLVD
2006	SALES MART	1485 BAYSHORE BLVD
2005	SALES MART	1485 BAYSHORE BLVD
2004	SALES MART	1485 BAYSHORE BLVD
2003	SALES MART	1485 BAYSHORE BLVD
2002	SALES MART	1485 BAYSHORE BLVD
2001	SALES MART	1485 BAYSHORE BLVD
2000	SALES MART	1485 BAYSHORE BLVD
1998	SALES MART	1485 BAYSHORE BLVD
1997	SALES MART	1485 BAYSHORE BLVD
1996	SALES MART	1485 BAYSHORE BLVD
1995	SALES MART	1485 BAYSHORE BLVD
1994	SALES MART	1485 BAYSHORE BLVD
1993	SALES MART	1485 BAYSHORE BLVD

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84 **COMCAST OF CALIFORNIA III** **EMI** **S113748510**
1485 BAYSHORE BOULEVARD **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	19567
Air District Name:	BA
SIC Code:	4841
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001
Reactive Organic Gases Tons/Yr:	8.3670000000000001E-4
Carbon Monoxide Emissions Tons/Yr:	5.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr:	0.019
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00102459016393442
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001

COMCAST OF CALIFORNIA III (Continued) **S113748510**

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	19567
Air District Name:	BA
SIC Code:	4841
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001
Reactive Organic Gases Tons/Yr:	0.0008367
Carbon Monoxide Emissions Tons/Yr:	0.005
NOX - Oxides of Nitrogen Tons/Yr:	0.019
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	19567
Air District Name:	BA
SIC Code:	4841
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.002
Reactive Organic Gases Tons/Yr:	0.0016734
Carbon Monoxide Emissions Tons/Yr:	0.013
NOX - Oxides of Nitrogen Tons/Yr:	0.05
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0020491803279
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	19567
Air District Name:	BA
SIC Code:	4841
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.002
Reactive Organic Gases Tons/Yr:	0.0016734
Carbon Monoxide Emissions Tons/Yr:	0.013
NOX - Oxides of Nitrogen Tons/Yr:	0.05
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	19567
Air District Name:	BA
SIC Code:	4841

COMCAST OF CALIFORNIA III (Continued) **S113748510**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000904176
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.005305235
NOX - Oxides of Nitrogen Tons/Yr:	0.019733853
SOX - Oxides of Sulphur Tons/Yr:	3.567e-005
Particulate Matter Tons/Yr:	0.000637121
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000611636

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84 **RACHEL L MCINTYRE** **PEST LIC** **S117634669**
1485 BAYSHORE BLVD #134 **N/A**
SAN FRANCISCO, CA 94124

PEST LIC:

Facility Type:	QAL
Categories:	BCF
License No:	130008
Issued or Renewed Date:	02/16/2016
Expiration Date:	12/31/2017

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84 **CELLOPHANE PRODUCTS ACME LUDLOW PACKAGING** **EDR Hist Cleaner** **1009181199**
1485 BAYAHORE BLVD **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	CELLOPHANE PRODUCTS ACME LUDLOW PACKAGING
Year:	1977
Type:	CLEANERS

---

84 **E BUTLER TRUCKING INC** **RCRA NonGen / NLR** **1018274067**
1485 BAYSHORE BLVD STE 321 BOX 152 **ECHO** **CAR000263103**
SAN FRANCISCO, CA 94124

RCRA NonGen / NLR:

Date form received by agency:	05/12/2016
Facility name:	E BUTLER TRUCKING INC
Facility address:	1485 BAYSHORE BLVD STE 321 BOX 152 SAN FRANCISCO, CA 94124
EPA ID:	CAR000263103
Mailing address:	BAYSHORE BLVD STE 321 BOX 152 SAN FRANCISCO, CA 94124
Contact:	ERIC BUTLER
Contact address:	BAYSHORE BLVD STE 321 BOX 152 SAN FRANCISCO, CA 94124
Contact country:	US
Contact telephone:	415-815-6676
Contact email:	ERICB510@GMAIL.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

E BUTLER TRUCKING INC (Continued) **1018274067**

Owner/operator name: ERIC BUTLER
Owner/operator address: BAYSHORE BLVD STE 321
SAN FRANCISCO, CA 94124
Owner/operator country: US
Owner/operator telephone: 415-816-6676
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/01/2000
Owner/Op end date: Not reported

Owner/operator name: ERIC BUTLER
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/01/2000
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

ECHO:
Envid: 1018274067
Registry ID: 110069286515
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110069286515

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84 **CAPAX GROUP INC.** **PEST LIC** **S117642937**
1485 BAYSHORE BLVD #134 **N/A**
SAN FRANCISCO, CA 94124

PEST LIC:
Facility Type: PCM
Categories: Not reported
License No: 39529
Issued or Renewed Date: 01/01/2015
Expiration Date: 12/31/2016

84 **COMCAST OF CALIFORNIA III INC** **RCRA-SQG** **1019327173**
1485 BAYSHORE BLVD **CAR000263640**
SAN FRANCISCO, CA 94124

RCRA-SQG:

Date form received by agency:	06/02/2016
Facility name:	COMCAST OF CALIFORNIA III INC
Facility address:	1485 BAYSHORE BLVD SAN FRANCISCO, CA 94124
EPA ID:	CAR000263640
Mailing address:	COMCAST PL LIVERMORE, CA 94551
Contact:	DEBRA EMERY
Contact address:	COMCAST PL LIVERMORE, CA 94551
Contact country:	US
Contact telephone:	925-424-0286
Contact email:	DEBRA_EMERY@CABLE.COMCAST.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	THOMAS F & MARTINA MURPHY TRUSTEES & CHR
Owner/operator address:	BAYSHORE BLVD STE 101 SAN FRANCISCO, CA 94124
Owner/operator country:	US
Owner/operator telephone:	415-330-3500
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/08/2007
Owner/Op end date:	Not reported
Owner/operator name:	COMCAST OF CALIFORNIA III INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2006
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

COMCAST OF CALIFORNIA III INC (Continued) **1019327173**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 134
. Waste name: 134

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 151
. Waste name: 151

. Waste code: 181
. Waste name: 181

. Waste code: 221
. Waste name: 221

. Waste code: 223
. Waste name: 223

. Waste code: 232
. Waste name: 232

. Waste code: 291
. Waste name: 291

. Waste code: 331
. Waste name: 331

. Waste code: 352
. Waste name: 352

. Waste code: 551
. Waste name: 551

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

COMCAST OF CALIFORNIA III INC (Continued) **1019327173**

. Waste code: D008
. Waste name: LEAD

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

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85 **ARCHDIOCESE OF SAN FRANCISCO REAL PROPERTY** **HAZNET** **S112901560**
449 HOLYOKE ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112901560
Year:	2009
GEPAID:	CAC002182040
Contact:	STEVE KALPAKOSS
Telephone:	4152920800
Mailing Name:	Not reported
Mailing Address:	1301 POST ST STE 102
Mailing City,St,Zip:	SAN FRANCISCO, CA 941096667
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

86 **PORTOLA FOOT CLINIC** **HAZNET** **S113069341**
2858 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113069341
Year:	1999
GEPAID:	CAL000123105
Contact:	ANTHONY KAKIS
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	2858 SAN BRUNO AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341511
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0625

PORTOLA FOOT CLINIC (Continued) **S113069341**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113069341
Year: 1998
GEPAID: CAL000123105
Contact: ANTHONY KAKIS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2858 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAL000121946
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0625
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113069341
Year: 1997
GEPAID: CAL000123105
Contact: ANTHONY KAKIS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2858 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAL000121946
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .1875
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113069341
Year: 1996
GEPAID: CAL000123105
Contact: ANTHONY KAKIS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2858 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAL000121946
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .1250
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

PORTOLA FOOT CLINIC (Continued) **S113069341**

envid: S113069341
Year: 1995
GEPAID: CAL000123105
Contact: ANTHONY KAKIS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2858 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAL000121946
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0625
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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86 **DR DIVYANG PATEL, DPM** **HAZNET** **S113060102**
2858 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S113060102
Year: 2001
GEPAID: CAL000100605
Contact: DR DIVYANG PATEL
Telephone: 4154677500
Mailing Name: Not reported
Mailing Address: 2858 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113060102
Year: 2000
GEPAID: CAL000100605
Contact: DR DIVYANG PATEL
Telephone: 4154677500
Mailing Name: Not reported
Mailing Address: 2858 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941341511
Gen County: Not reported
TSD EPA ID: CAD981429673
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.12

DR DIVYANG PATEL, DPM (Continued) **S113060102**

Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113060102
Year:	1999
GEPAID:	CAL000100605
Contact:	DR DIVYANG PATEL
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	2858 SAN BRUNO AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341511
Gen County:	Not reported
TSD EPA ID:	CAD981429673
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.0625
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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87 **A.M. DEVINCENZI TRUCKING CO.** **HIST UST** **U001595628**
BANCROFT & KEITH STS. **N/A**
SAN FRANCISCO, CA 94124

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000042376
Facility Type:	Other
Other Type:	TRUCKING
Contact Name:	STEPHEN MALUCCHI,
Telephone:	4158225515
Owner Name:	BRUNO A. MALUCCHI
Owner Address:	1598 CARROLL AVE.
Owner City,St,Zip:	SAN FRANCISCO, CA 94124
Total Tanks:	0002
Tank Num:	001
Container Num:	#2
Year Installed:	Not reported
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well
Tank Num:	002
Container Num:	#1
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well

87 **AM DEVINCENZI TRUCKING CO** **HIST UST** **S118407421**
BANCROFT AND KEITH STS **N/A**
SAN FRANCISCO, CA 94124

HIST UST:

File Number:	0002F618
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F618.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

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88 **CONOCO PHILLIPS #256097** **HAZNET** **S113129401**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113129401
Year:	2009
GEPAID:	CAL000276950
Contact:	DANELLE EICHHORST
Telephone:	2812933723
Mailing Name:	Not reported
Mailing Address:	600 N DAIRY ASHFORD -US MARKETING -
Mailing City,St,Zip:	HOUSTON, TX 77079
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.187
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113129401
Year:	2009
GEPAID:	CAL000276950
Contact:	DANELLE EICHHORST
Telephone:	2812933723
Mailing Name:	Not reported
Mailing Address:	600 N DAIRY ASHFORD -US MARKETING -

CONOCO PHILLIPS #256097 (Continued) **S113129401**

Mailing City,St,Zip:	HOUSTON, TX 77079
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.462
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113129401
Year:	2009
GEPAID:	CAL000276950
Contact:	DANELLE EICHHORST
Telephone:	2812933723
Mailing Name:	Not reported
Mailing Address:	600 N DAIRY ASHFORD -US MARKETING -
Mailing City,St,Zip:	HOUSTON, TX 77079
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.418
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113129401
Year:	2009
GEPAID:	CAL000276950
Contact:	DANELLE EICHHORST
Telephone:	2812933723
Mailing Name:	Not reported
Mailing Address:	600 N DAIRY ASHFORD -US MARKETING -
Mailing City,St,Zip:	HOUSTON, TX 77079
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Latex waste
Disposal Method:	Other Treatment
Tons:	0.22935
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113129401
Year:	2009
GEPAID:	CAL000276950
Contact:	DANELLE EICHHORST
Telephone:	2812933723
Mailing Name:	Not reported
Mailing Address:	600 N DAIRY ASHFORD -US MARKETING -
Mailing City,St,Zip:	HOUSTON, TX 77079

CONOCO PHILLIPS #256097 (Continued) **S113129401**

Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.187
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

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88 **TOSCO CORPORATION SS#31094** **HAZNET** **S113086193**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113086193
Year:	2005
GEPAID:	CAL000161443
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Not reported
Tons:	1.2
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113086193
Year:	2002
GEPAID:	CAL000161443
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Treatment, Tank
Tons:	0.33
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113086193
Year:	2002
GEPAID:	CAL000161443

TOSCO CORPORATION SS#31094 (Continued) **S113086193**

Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.01
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113086193
Year:	2001
GEPAID:	CAL000161443
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Transfer Station
Tons:	0.41
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113086193
Year:	2000
GEPAID:	CAL000161443
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	0.08
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

88 **UNOCAL STATION #6097** **RGA LUST** **S114713915**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	UNOCAL STATION #6097	2895 SAN BRUNO AVE
2011	UNOCAL STATION #6097	2895 SAN BRUNO AVE
2010	UNOCAL STATION #6097	2895 SAN BRUNO AVE
2009	UNOCAL STATION #6097	2895 SAN BRUNO AVE
2008	UNOCAL STATION #6097	2895 SAN BRUNO AVE
2007	UNOCAL STATION #6097	2895 SAN BRUNO AVE
2006	UNOCAL STATION #6097	2895 SAN BRUNO AVE
2005	UNOCAL STATION #6097	2895 SAN BRUNO AVE
2004	UNOCAL STATION #6097	2895 SAN BRUNO AVE
2003	UNOCAL STATION #6097	2895 SAN BRUNO AVE
1996	UNOCAL STATION #6097	2895 SAN BRUNO AVE

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88 **SAM'S UNION (SAM MIZIRAWI)** **HAZNET** **S113046293**
2895 SAN BRUNO **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113046293
Year:	1999
GEPAID:	CAL000063503
Contact:	SAM MIZIRAWI
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	2895 SAN BRUNO AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340000
Gen County:	Not reported
TSD EPA ID:	CAL000161741
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.2085
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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88 **UNOCAL** **RGA LUST** **S114714433**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	UNOCAL	2895 SAN BRUNO AVE
2001	UNOCAL	2895 SAN BRUNO AVE
2000	UNOCAL	2895 SAN BRUNO AVE
1998	UNOCAL	2895 SAN BRUNO AVE
1997	UNOCAL	2895 SAN BRUNO AVE
1995	UNOCAL	2895 SAN BRUNO AVE
1994	UNOCAL	2895 SAN BRUNO AVE
1993	UNOCAL	2895 SAN BRUNO AVE

88 **UNOCAL SERVICE STATION #6097** **HAZNET** **S113014079**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113014079
Year:	1997
GEPAID:	CAD982059800
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	.3753
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113014079
Year:	1996
GEPAID:	CAD982059800
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	.1042
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113014079
Year:	1995
GEPAID:	CAD982059800
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	.6880
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

UNOCAL SERVICE STATION #6097 (Continued) **S113014079**

envid: S113014079
Year: 1995
GEPAID: CAD982059800
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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88 **2861-73 SAN BRUNO LLC** **HAZNET** **S118214220**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S118214220
Year: 2014
GEPAID: CAC002775821
Contact: ALAN CHAN
Telephone: 4153093623
Mailing Name: Not reported
Mailing Address: 21 COOK ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941183310
Gen County: San Francisco
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Contaminated soil from site clean-up
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 21.24
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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89 **COCA-COLA** **HIST CORTESE** **S100573131**
5800 3RD STREET **EMI** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:
Region: CORTESE
Facility County Code: 38
Reg By: LTNKA
Reg Id: 38-0881

EMI:
Year: 2008
County Code: 38
Air Basin: SF

COCA-COLA (Continued) **S100573131**

Facility ID:	8287
Air District Name:	BA
SIC Code:	2086
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.239
Reactive Organic Gases Tons/Yr:	.1009058
Carbon Monoxide Emissions Tons/Yr:	1.623
NOX - Oxides of Nitrogen Tons/Yr:	6.569
SOX - Oxides of Sulphur Tons/Yr:	.028
Particulate Matter Tons/Yr:	.142
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.142

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	8287
Air District Name:	BA
SIC Code:	2086
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.23899999999999999
Reactive Organic Gases Tons/Yr:	0.1009058
Carbon Monoxide Emissions Tons/Yr:	1.623
NOX - Oxides of Nitrogen Tons/Yr:	6.569
SOX - Oxides of Sulphur Tons/Yr:	2.8000000000000001E-2
Particulate Matter Tons/Yr:	0.14199999999999999
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.14199999999999999

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	8287
Air District Name:	BA
SIC Code:	2086
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.23899999999999999
Reactive Organic Gases Tons/Yr:	0.1009058
Carbon Monoxide Emissions Tons/Yr:	1.623
NOX - Oxides of Nitrogen Tons/Yr:	6.569
SOX - Oxides of Sulphur Tons/Yr:	2.8000000000000001E-2
Particulate Matter Tons/Yr:	0.14199999999999999
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.14199999999999999

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	8287
Air District Name:	BA
SIC Code:	2086
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

COCA-COLA (Continued) **S100573131**

Total Organic Hydrocarbon Gases Tons/Yr:	0.239
Reactive Organic Gases Tons/Yr:	0.1009058
Carbon Monoxide Emissions Tons/Yr:	1.623
NOX - Oxides of Nitrogen Tons/Yr:	6.569
SOX - Oxides of Sulphur Tons/Yr:	0.028
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	8287
Air District Name:	BA
SIC Code:	2086
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.239
Reactive Organic Gases Tons/Yr:	0.1009058
Carbon Monoxide Emissions Tons/Yr:	1.623
NOX - Oxides of Nitrogen Tons/Yr:	6.569
SOX - Oxides of Sulphur Tons/Yr:	0.028
Particulate Matter Tons/Yr:	0.142
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.142

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	8287
Air District Name:	BA
SIC Code:	2086
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.239
Reactive Organic Gases Tons/Yr:	0.1009058
Carbon Monoxide Emissions Tons/Yr:	1.623
NOX - Oxides of Nitrogen Tons/Yr:	6.569
SOX - Oxides of Sulphur Tons/Yr:	0.028
Particulate Matter Tons/Yr:	0.142
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.142

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89 **COCA-COLA USA** **FINDS 1016179983**
5800 3RD ST. **ECHO N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110001133504

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

COCA-COLA USA (Continued) **1016179983**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1016179983
Registry ID:	110001133504
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110001133504

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89 **SAN FRANCISCO 3RD ST EQUITY PARTNERS** **HAZNET** **S112964148**
5800 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112964148
Year:	2007
GEPAID:	CAC002620927
Contact:	TREY WHITEHEAD/CONSUL/ALL WEST ENVI
Telephone:	4153912510
Mailing Name:	Not reported
Mailing Address:	5402 FIELDWOOD DR
Mailing City,St,Zip:	HOUSTON, TX 770562710
Gen County:	Not reported
TSD EPA ID:	CAD009466392
TSD County:	Not reported
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	7.5
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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89 **COCA COLA USA** **RGA LUST** **S114604543**
5800 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	COCA COLA USA	5800 3RD ST
2001	COCA COLA USA	5800 3RD ST
2000	COCA COLA USA	5800 3RD ST

89 **COCA COLA USA SYRUP BRANCH** **RGA LUST** **S114604542**
5800 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1998	COCA COLA USA SYRUP BRANCH	5800 3RD ST
1997	COCA COLA USA SYRUP BRANCH	5800 3RD ST

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89 **MISSION BAY LANDSCAPING CORP** **HIST UST** **S117628389**
5800 THIRD ST #1404 **PEST LIC** **N/A**
SAN FRANCISCO, CA 94124

HIST UST:

File Number:	0002F6E9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F6E9.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

PEST LIC:

Facility Type:	QAL
Categories:	B
License No:	109149
Issued or Renewed Date:	01/01/2016
Expiration Date:	12/31/2017
Facility Type:	MGB
Categories:	Not reported
License No:	40322
Issued or Renewed Date:	01/04/2016
Expiration Date:	12/31/2017

89 **1X COCA COLA USA** **HAZNET** **S112837898**
5800 3RD STREET **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112837898
Year:	1993
GEPAID:	CAC000273929
Contact:	COCA COLA USA
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	ATLANTA, GA 303010000
Gen County:	Not reported
TSD EPA ID:	CAD990794133
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	4.21400000000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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89 **COCA COLA CO.** **CA FID UST** **S101592232**
5800 3RD ST **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124 **HAZNET**

CA FID UST:

Facility ID:	38001704
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	5800 3RD ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	2646
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-002646-000001
Tank Status:	A
Capacity:	12000
Active Date:	09-30-92

COCA COLA CO. (Continued) **S101592232**

Tank Use: UNKNOWN
STG: P
Content: DIESEL
Number Of Tanks: 3

Status: Active
Comp Number: 2646
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-002646-000002
Tank Status: A
Capacity: 12000
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 2646
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-002646-000003
Tank Status: A
Capacity: 12000
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HAZNET:
envid: S101592232
Year: 2013
GEPAID: CAL000389431
Contact: THOMAS JANTZEN
Telephone: 3106477216
Mailing Name: Not reported
Mailing Address: 2120 PARK PL STE 200
Mailing City,St,Zip: EL SEGUNDO, CA 90245
Gen County: San Francisco
TSD EPA ID: INR000110197
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0865
Cat Decode: Not reported
Method Decode: Not reported

COCA COLA CO. (Continued) **S101592232**

Facility County: Not reported

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89 **COCA-COLA USA** **RCRA-SQG 1000143585**
5800 THIRD ST **LUST CAD086606993**
SAN FRANCISCO, CA 94124 **HIST UST**

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: COCA-COLA USA
Facility address: 5800 THIRD ST
SAN FRANCISCO, CA 94124
EPA ID: CAD086606993
Mailing address: P O DRAWER TWENTY FOURTH THOUS
SAN FRANCISCO, CA 94124
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: THE COCA-COLA COMPANY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

COCA-COLA USA (Continued) **1000143585**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/18/1980
Site name: COCA-COLA USA
Classification: Large Quantity Generator

Violation Status: No violations found

LUST:
Region: STATE
Global Id: T0607500776
Latitude: 37.725413
Longitude: -122.394519
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/26/1997
Lead Agency: SAN FRANCISCO COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 38-0881
LOC Case Number: 10792
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0607500776
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0607500776
Status: Open - Case Begin Date
Status Date: 02/10/1993

Global Id: T0607500776
Status: Completed - Case Closed
Status Date: 06/26/1997

Regulatory Activities:
Global Id: T0607500776

COCA-COLA USA (Continued) **1000143585**

Action Type: ENFORCEMENT
Date: 03/25/1997
Action: Closure/No Further Action Letter - #10792

Global Id: T0607500776
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Global Id: T0607500776
Action Type: Other
Date: 02/10/1993
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 38-0881
Facility Status: Case Closed
Case Number: 10792
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:
Region: SAN FRANCISCO
Facility ID: 38-0881
Facility Status: Case Closed
Case Number: 10792
Case Type: Other ground water affected
Release Date: 2/10/1996
Discovered Date: 2/10/1993
Substance: Diesel
Substance Qty: Not reported
How Discovered: Tank Closure
How Stopped: Remove Contents
Report Date: 2/10/1996
Case Closed: 6/26/1997
Closed Date: 6/26/1997
Leak Source: Tank
Leak Cause: Overfill
Leak Confirmed: Not reported
Entered Date: 3/11/1997
Number of Wells: Not reported
Regional Board: San Francisco Bay Region
Local Agency: 38000
Lead Agency: Local Agency
Program: LOP

COCA-COLA USA (Continued) **1000143585**

Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	AL
Cross Street:	DONNER ST
NOR Date:	3/11/1997
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Not reported
Interim Remediation:	Yes
Priority:	Not reported
Abatement:	Remove Free Product - remove floating product from water table, Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants
Enforcement Type:	NOR
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	1/27/1993
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Diesel fuel oil
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported

COCA-COLA USA (Continued) **1000143585**

Summary: Not reported

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000014483
Facility Type:	Other
Other Type:	SOFT DRINK SYRUP MFG
Contact Name:	TIMOTHY J. FINLEY
Telephone:	4158222500
Owner Name:	COCA-COLA USA
Owner Address:	310 NORTH AVENUE, N.W.
Owner City,St,Zip:	ATLANTA, GA 30313
Total Tanks:	0003
Tank Num:	001
Container Num:	#3
Year Installed:	1968
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4"
Leak Detection:	Visual, Stock Inventor
Tank Num:	002
Container Num:	#1
Year Installed:	1977
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4"
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	#2
Year Installed:	1977
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4"
Leak Detection:	Visual, Stock Inventor

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89 **CARROLLS STATION** **HAZNET** **S112977916**
5800 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112977916
Year:	2009
GEPAID:	CAC002642393
Contact:	KEN HERRGUTH
Telephone:	4157606130
Mailing Name:	Not reported
Mailing Address:	301 HOWARD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94105
Gen County:	Not reported

CARROLLS STATION (Continued) **S112977916**

TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1815
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112977916
Year: 2009
GEPAID: CAC002642393
Contact: KEN HERRGUTH
Telephone: 4157606130
Mailing Name: Not reported
Mailing Address: 301 HOWARD ST
Mailing City,St,Zip: SAN FRANCISCO, CA 94105
Gen County: Not reported
TSD EPA ID: NVD982358483
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112977916
Year: 2009
GEPAID: CAC002642393
Contact: KEN HERRGUTH
Telephone: 4157606130
Mailing Name: Not reported
Mailing Address: 301 HOWARD ST
Mailing City,St,Zip: SAN FRANCISCO, CA 94105
Gen County: Not reported
TSD EPA ID: NVD982358483
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.836
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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89 **COCA-COLA USA** **HAZNET** **S113002042**
5800 THIRD STREET **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S113002042
Year: 1996
GEPAID: CAD086606993
Contact: THE COCA-COLA COMPANY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: P O DRAWER 24067

COCA-COLA USA (Continued) **S113002042**

Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: UTD991301748
TSD County: Not reported
Waste Category: Liquids with polychloronated biphenyls >= 50 Mg./L
Disposal Method: Transfer Station
Tons: .0385
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113002042
Year: 1996
GEPAID: CAD086606993
Contact: THE COCA-COLA COMPANY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: P O DRAWER 24067
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Disposal, Other
Tons: .0100
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113002042
Year: 1996
GEPAID: CAD086606993
Contact: THE COCA-COLA COMPANY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: P O DRAWER 24067
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Tons: .0140
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113002042
Year: 1996
GEPAID: CAD086606993
Contact: THE COCA-COLA COMPANY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: P O DRAWER 24067
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD059494310

COCA-COLA USA (Continued) **S113002042**

TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Disposal, Other
Tons: .2710
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113002042
Year: 1996
GEPAID: CAD086606993
Contact: THE COCA-COLA COMPANY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: P O DRAWER 24067
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: .2420
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

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90 **CARROLL AVENUE SENIOR HOMES, L.P.** **HAZNET** **S118209678**
1751 CARROLL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S118209678
Year: 2014
GEPAID: CAC002770284
Contact: HILLARY B. ZIMMERMAN
Telephone: 3143352890
Mailing Name: Not reported
Mailing Address: 720 OLIVE ST STE 2500
Mailing City,St,Zip: SAINT LOUIS, MO 631012313
Gen County: San Francisco
TSD EPA ID: UTC093012201
TSD County: 99
Waste Category: Contaminated soil from site clean-up
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 858
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

91 **GABA HENRY** **EDR Hist Cleaner** **1009129819**
462 HOLYOKE ST **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:
Name: GABA HENRY
Year: 1930
Type: CLOTHES PRESSERS AND CLEANER

---

92 **ANTONELLI R J** **EDR Hist Auto** **1008998293**
21 WOOLSEY ST **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: ANTONELLI R J
Year: 1949
Type: AUTOMOBILE REPAIRING

---

92 **EDR Hist Auto** **1009120719**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:
Name: STAGNARO S SERVICE
Year: 1966
Type: GASOLINE STATIONS

Name: SAMS UNION 76 SERVICE
Year: 1999
Address: 2895 SAN BRUNO AVE

Name: SAMS UNION 76 SERVICE
Year: 2000
Address: 2895 SAN BRUNO AVE

Name: SAMS UNION 76 SERVICE
Year: 2001
Address: 2895 SAN BRUNO AVE

Name: SAMS UNION 76
Year: 2002
Address: 2895 SAN BRUNO AVE

Name: SAMS UNION 76 SERVICE
Year: 2003
Address: 2895 SAN BRUNO AVE

Name: SAMS UNION 76 SERVICE
Year: 2004
Address: 2895 SAN BRUNO AVE

Name: UNION 76
Year: 2006
Address: 2895 SAN BRUNO AVE

92 **UNION OIL SS 6097** **HIST UST** **1000167460**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HIST UST:

File Number:	0002F8E0
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F8E0.pdf
Region:	STATE
Facility ID:	00000060666
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	SAMMY S. MIZIRAWI
Telephone:	4154672878
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0001
Tank Num:	001
Container Num:	6097-10-1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

Click here for Geo Tracker PDF:

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92 **UNION 76** **EDR Hist Auto** **1009001605**
2895 SAN BRUNO **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:

Name:	STAGNARO S SERVICE
Year:	1958
Type:	GASOLINE STATIONS
Name:	STAGNARO S SERVICE
Year:	1962
Type:	GASOLINE STATIONS
Name:	STAGNARO S SERVICE
Year:	1966
Type:	GASOLINE STATIONS
Name:	STAGNARO S SERVICE
Year:	1971
Type:	GASOLINE STATIONS

92 **TOSCO #31094** **UST** **U004014459**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

UST:

Facility ID:	4820
Permitting Agency:	SAN FRANCISCO COUNTY
Latitude:	37.72689
Longitude:	-122.4011

SAN FRANCISCO CO. UST:

Facility ID:	4820
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	930 Ames Ave
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Balch Petroleum
Application Date:	1/9/2002
Application Name:	Autumn
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	4221
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported

TOSCO #31094 (Continued) **U004014459**

Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	769
Type Of Spill Protection:	Not reported

TOSCO #31094 (Continued) **U004014459**

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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92 **UNION OIL SS6097** **HIST UST** **U001595815**
2895 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HIST UST:

File Number:	0002F901
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F901.pdf
Region:	STATE
Facility ID:	00000030768
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	SAMMY S. MIZIRAWI
Telephone:	4154672878
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0003

UNION OIL SS6097 (Continued) **U001595815**

Tank Num:	001
Container Num:	6097-1-1
Year Installed:	1969
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	6097-2-1
Year Installed:	1969
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	6097-4-1
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

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92 **CONOCOPHILLIPS CO.** **UST** **U003931887**
2895 SAN BRUNO AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	26810
Facility Status:	Not reported
Number Of Tanks:	Not reported
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	ConocoPhillips
Care Of Addr:	Scott Tillery/US
2nd Care Of Add:	2895 San Bruno Av
Mailing Address:	600 North Dairy
Mailing City,St,Zip:	Houston, TX 77079
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	Not reported
Application Name:	Not reported
Action Type:	6
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	1002
Tank Test:	Not reported
Local Tank Id:	26810001002

CONOCOPHILLIPS CO. (Continued) **U003931887**

Tank Manufacturer:	Xerxes
Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	1/1/1981
Tank Capacity:	6000
Additional Desc:	Not reported
Tank Use:	1
Petroleum Type:	Premium Unleaded
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Double wall
Primary Tank Material:	Steel Clad w/fiberglass Reinforced Plastic (FRP)
Secondary Tank Material:	Not reported
Tank Interior Lining:	Other
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	drop tube, striker plate
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Pressure
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Sump Sensor ,Alarms ,No Auto Shutoff, Pressure, Auto Leak Detctr ,Flow Shutoff Or Restricn, Annual Integrity Test
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Float Mechanism that shuts off shear Valve
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	6/11/2002
2nd Containment Test:	12/11/2002
Spill Containment Present:	No
Drop Tube Present:	Yes
Striker Plate Present:	Yes
Alarm Present:	No
Ball Float Present:	No

CONOCOPHILLIPS CO. (Continued) **U003931887**

Fill Tube Present:	Yes
Other Tank Leak Detection Present:	No

Tank ID:	1004
Tank Test:	Not reported
Local Tank Id:	26810001004
Tank Manufacturer:	Modern Welding
Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	1/1/1990
Tank Capacity:	12000
Additional Desc:	Not reported
Tank Use:	1
Petroleum Type:	Regular Unleaded
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Double wall
Primary Tank Material:	Steel Clad w/fiberglass Reinforced Plastic (FRP)
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	drop tube, striker plate
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Pressure
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Sump Sensor ,Alarms ,No Auto Shutoff, Pressure, Auto Leak Detctr ,Flow Shutoff Or Restricn, Annual Integrity Test
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Float Mechanism that shuts off shear Valve
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported

CONOCOPHILLIPS CO. (Continued) **U003931887**

Last Annual Monitoring Cert:	8/13/2004
2nd Containment Test:	12/11/2002
Spill Containment Present:	No
Drop Tube Present:	Yes
Striker Plate Present:	Yes
Alarm Present:	No
Ball Float Present:	No
Fill Tube Present:	Yes
Other Tank Leak Detection Present:	No

Tank ID:	1006
Tank Test:	Not reported
Local Tank Id:	26810001006
Tank Manufacturer:	Modern Welding
Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	1/1/1990
Tank Capacity:	520
Additional Desc:	Not reported
Tank Use:	4
Petroleum Type:	Other
Common Name:	Not reported
Case Number:	647-425-47
Type Of Tank:	Double wall
Primary Tank Material:	Steel Clad w/fiberglass Reinforced Plastic (FRP)
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	drop tube

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Gravity
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported

CONOCOPHILLIPS CO. (Continued) **U003931887**

Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	6/11/2002
2nd Containment Test:	12/11/2002
Spill Containment Present:	No
Drop Tube Present:	No
Striker Plate Present:	No
Alarm Present:	No
Ball Float Present:	No
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	4924
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported

CONOCOPHILLIPS CO. (Continued) **U003931887**

Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	11/7/2006
UST Close ID:	4787
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported

CONOCOPHILLIPS CO. (Continued) **U003931887**

Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Click this hyperlink while viewing on your computer to access
2 additional CA_UST_SF: record(s) in the EDR Site Report.

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92 **UNOCAL STATION** **LUST** **S101592079**
2895 SAN BRUNO AVE **CA FID UST** **N/A**
SAN FRANCISCO, CA 94134 **SWEEPS UST**

LUST REG 2:

Region:	2
Facility Id:	38-0400
Facility Status:	Case Closed
Case Number:	10039
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0400
Facility Status:	Case Closed
Case Number:	10039

UNOCAL STATION (Continued) **S101592079**

Case Type:	Other ground water affected
Release Date:	5/22/1991
Discovered Date:	5/22/1991
Substance:	Diesel
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	5/22/1991
Case Closed:	11/17/1994
Closed Date:	11/17/1994
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	4/22/1992
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	TOSCO
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	CDM
Cross Street:	PAUL ST
NOR Date:	4/22/1992
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	4/10/1991
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Yes
Priority:	Not reported
Abatement:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Enforcement Type:	NOR
Enforcement Due Date:	4/22/1992
Basin:	South Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	4/10/1991
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Diesel fuel oil

UNOCAL STATION (Continued) **S101592079**

Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	Not reported
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

CA FID UST:

Facility ID:	38000446
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4154672878
Mail To:	Not reported
Mailing Address:	2895 SAN BRUNO AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94134
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	4820
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-004820-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	3

UNOCAL STATION (Continued) **S101592079**

Status:	Not reported
Comp Number:	4820
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-004820-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	4820
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-004820-000003
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	4820
Number:	2
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-004820-000004
Tank Status:	A
Capacity:	12000
Active Date:	09-30-92
Tank Use:	UNKNOWN
STG:	P
Content:	UNSPECIFIED
Number Of Tanks:	3

Status:	Active
Comp Number:	4820
Number:	2
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91

UNOCAL STATION (Continued) **S101592079**

Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-004820-000005
Tank Status:	A
Capacity:	12000
Active Date:	09-30-92
Tank Use:	UNKNOWN
STG:	P
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	4820
Number:	2
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-004820-000006
Tank Status:	A
Capacity:	520
Active Date:	09-30-92
Tank Use:	UNKNOWN
STG:	P
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

---

92 **UNOCAL STATION #6097** **HIST CORTESE** **S104576981**
2895 SAN BRUNO AVE **LUST** **N/A**
SAN FRANCISCO, CA 94134

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0400

LUST:

Region:	STATE
Global Id:	T0607500352
Latitude:	37.725542
Longitude:	-122.402449
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/17/1994
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	38-0400
LOC Case Number:	10039
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

UNOCAL STATION #6097 (Continued) **S104576981**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500352
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0607500352
Status:	Open - Case Begin Date
Status Date:	05/22/1991

Global Id:	T0607500352
Status:	Completed - Case Closed
Status Date:	11/17/1994

Regulatory Activities:

Global Id:	T0607500352
Action Type:	ENFORCEMENT
Date:	04/22/1992
Action:	Notice of Responsibility

Global Id:	T0607500352
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported

Global Id:	T0607500352
Action Type:	Other
Date:	05/22/1991
Action:	Leak Discovery

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92 **FRY & DEL PRETE** **EDR Hist Auto** **1009066713**
2898 SAN BRUNO AV **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	FRY & DEL PRETE
Year:	1930
Type:	GASOLINE AND OIL SERVICE STATIONS

93 **U-HAUL COMPANY OF CALIFORNIA** **HIST UST** **S113006029**
1505 BAYSHORE BLVD **HAZNET** **N/A**
SAN FRANCISCO, CA 94124

HIST UST:

File Number:	0002F8CA
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F8CA.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

envid:	S113006029
Year:	2015
GEPAID:	CAD981426497
Contact:	KEVIN KILEY
Telephone:	6022636811
Mailing Name:	Not reported
Mailing Address:	749 N. BLACKSTONE AVE.
Mailing City,St,Zip:	FRESNO, CA 937010000
Gen County:	San Francisco
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2525
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco
envid:	S113006029
Year:	2015
GEPAID:	CAD981426497
Contact:	KEVIN KILEY
Telephone:	6022636811
Mailing Name:	Not reported
Mailing Address:	749 N. BLACKSTONE AVE.
Mailing City,St,Zip:	FRESNO, CA 937010000
Gen County:	San Francisco

U-HAUL COMPANY OF CALIFORNIA (Continued) **S113006029**

TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0417
Cat Decode: Unspecified oil-containing waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Francisco

envid: S113006029
Year: 2014
GEPAID: CAD981426497
Contact: KEVIN KILEY
Telephone: 6022636811
Mailing Name: Not reported
Mailing Address: 749 N BLACKSTONE AVE
Mailing City,St,Zip: FRESNO, CA 937010000
Gen County: San Francisco
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.36
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113006029
Year: 2013
GEPAID: CAD981426497
Contact: KEVIN KILEY
Telephone: 6022636811
Mailing Name: Not reported
Mailing Address: 749 N BLACKSTONE AVE
Mailing City,St,Zip: FRESNO, CA 937010000
Gen County: San Francisco
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S113006029
Year: 2012
GEPAID: CAD981426497
Contact: KEVIN KILEY
Telephone: 6022636811
Mailing Name: Not reported
Mailing Address: 749 N BLACKSTONE AVE
Mailing City,St,Zip: FRESNO, CA 937010000

U-HAUL COMPANY OF CALIFORNIA (Continued) **S113006029**

Gen County: San Francisco
TSD EPA ID: CAD980887418
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.126
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
305 additional CA_HAZNET: record(s) in the EDR Site Report.

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93 **SAN FRANCISCO REPAIR SHOP** **HIST UST** **U001595697**
1505 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA 94124

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000058897
Facility Type: Other
Other Type: RETAIL
Contact Name: LEE WILLIAMS
Telephone: 4154673360
Owner Name: U-HAUL COMPANY OF SAN FRANCISC
Owner Address: 1575 BAYSHORE BOULEVARD
Owner City,St,Zip: SAN FRANCISCO, CA 94124
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None, 10

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None, 10

94 **TEXAS CO OFFICE** **EDR Hist Auto** **1009000031**
5818 3D R **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	TEXAS CO OFFICE
Year:	1935
Type:	GASOLINE AND OIL SERVICE STATION

Name:	TEXAS CO OFFICE
Year:	1935
Type:	GASOLINE AND OIL SERVICE STATION

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95 **ANNE ABELA** **HAZNET** **S118921965**
558 BRUSSELS ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118921965
Year:	2015
GEPAID:	CAC002819472
Contact:	ANNE ABELA
Telephone:	6504526457
Mailing Name:	Not reported
Mailing Address:	558 BRUSSELS ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341714
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.46
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

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96 **DEVINCENZI TRUCKING COMPANY** **HIST CORTESE** **S101308253**
1598 CARROLL AVE **LUST** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0134

LUST:

Region:	STATE
Global Id:	T0607500118
Latitude:	37.724737
Longitude:	-122.391982
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/03/1995
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	MA

DEVINCENZI TRUCKING COMPANY (Continued) **S101308253**

Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0134
LOC Case Number:	10399
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500118
Contact Type:	Local Agency Caseworker
Contact Name:	MAMDOUH AWWAD
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET, #210
City:	SAN FRANCISCO
Email:	mamdouh.awwad@sfdph.org
Phone Number:	Not reported

Global Id:	T0607500118
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0607500118
Status:	Open - Case Begin Date
Status Date:	06/03/1991

Global Id:	T0607500118
Status:	Completed - Case Closed
Status Date:	08/03/1995

Regulatory Activities:

Global Id:	T0607500118
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported

Global Id:	T0607500118
Action Type:	Other
Date:	06/03/1991
Action:	Leak Discovery

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0134
Facility Status:	Case Closed
Case Number:	10399
Case Type:	Other ground water affected

DEVINCENZI TRUCKING COMPANY (Continued) **S101308253**

Release Date:	6/3/1991
Discovered Date:	6/3/1991
Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	6/3/1991
Case Closed:	8/3/1995
Closed Date:	8/3/1995
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	3/28/1995
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	MA
Cross Street:	KEITH ST
NOR Date:	3/28/1995
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Not reported
Abatement:	No Action Taken - no action has as yet been taken at the site
Enforcement Type:	2A
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	2/25/1988
Free Product:	No
Depth to Grnd Wtr:	3.5'
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	2A
Amount of Free Produce:	Not reported

DEVINCENZI TRUCKING COMPANY (Continued) **S101308253**

Benzene Test:	ND
Maximum Soil GW:	ND
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

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96 **DEVINCENZI TRUCKING CO.** **RGA LUST** **S114610564**
1598 CARROLL AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

1996	DEVINCENZI TRUCKING CO.	1598 CARROLL AVE
1995	DEVINCENZI TRUCKING CO.	1598 CARROLL AVE
1994	DEVINCENZI TRUCKING CO.	1598 CARROLL AVE
1993	DEVINCENZI TRUCKING CO.	1598 CARROLL AVE
1992	DEVINCENZI TRUCKING CO.	1598 CARROLL AVE

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96 **A.M. DEVINCENZI CO.** **LUST** **S101591933**
1598 CARROLL AVE **CA FID UST** **N/A**
SAN FRANCISCO, CA 94124 **SWEEPS UST**

LUST REG 2:

Region:	2
Facility Id:	38-0134
Facility Status:	Case Closed
Case Number:	10399
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CA FID UST:

Facility ID:	38000175
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000

A.M. DEVINCENZI CO. (Continued) **S101591933**

Mail To: Not reported
Mailing Address: 1598 CARROLL AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94124
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 1046
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-001046-000001
Tank Status: Not reported
Capacity: 2500
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: 3

Status: Not reported
Comp Number: 1046
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-001046-000002
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 1046
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-001046-000003
Tank Status: Not reported

A.M. DEVINCENZI CO. (Continued) **S101591933**

Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported
Status:	Active
Comp Number:	1046
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

---

96 **DEVINCENZI** **UST** **U003916186**
1598 CARROLL AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	1046
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	8/28/1987
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported

DEVINCENZI (Continued) **U003916186**

Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	10/28/1987
UST Close ID:	330
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported

DEVINCENZI (Continued) **U003916186**

Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	10/8/1991
UST Close ID:	855
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported

DEVINCENZI (Continued) **U003916186**

Fill Tube Present: Not reported
Other Tank Leak Detection Present: Not reported

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96 **DEVINCENZI TRUCKING COMPANY** **RGA LUST** **S114610565**
1598 CARROLL AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2011	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2010	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2009	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2008	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2007	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2006	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2005	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2004	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2003	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2002	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2001	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
2000	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
1998	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE
1997	DEVINCENZI TRUCKING COMPANY	1598 CARROLL AVE

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97 **ASTOUND BROADBAND** **AST** **A100417243**
200 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

AST:

Certified Unified Program Agencies:	Not reported
Owner:	Wave Divisions Holdings
Total Gallons:	Not reported
CERSID:	10062622
Facility ID:	38-000-030742
Business Name:	Astound Broadband
Phone:	9854591039
Fax:	Not reported
Mailing Address:	215 Mason Circle
Mailing Address City:	Concord
Mailing Address State:	CA
Mailing Address Zip Code:	94520
Operator Name:	Astound Broadband LLC
Operator Phone:	9254591039
Owner Phone:	425-576-8200
Owner Mail Address:	401 Parkplace Center
Owner State:	WA
Owner Zip Code:	98033
Owner Country:	United States
Property Owner Name:	Digital Realty
Property Owner Phone:	4157386500
Property Owner Mailing Address:	Four Embarcadero Center Suite 3200
Property Owner City:	San Francisco
Property Owner Stat :	CA
Property Owner Zip Code:	94111
Property Owner Country:	United States
EPAID:	Not reported

97 **VERIZON BUSINESS: SQAXCA** **AST** **A100425870**
200 PAUL AVE STE 104 **N/A**
SAN FRANCISCO, CA 94124

AST:

Certified Unified Program Agencies:	Not reported
Owner:	MCI dba Verizon Business
Total Gallons:	Not reported
CERSID:	10421278
Facility ID:	38-000-027248
Business Name:	MCI, dba Verizon Business
Phone:	925-719-0873
Fax:	909-629-3471
Mailing Address:	280 S. Locust St.
Mailing Address City:	Pomona
Mailing Address State:	CA
Mailing Address Zip Code:	91766
Operator Name:	Verizon Business
Operator Phone:	909-620-5962
Owner Phone:	909-620-5962
Owner Mail Address:	280 S. Locust St
Owner State:	CA
Owner Zip Code:	91766
Owner Country:	United States
Property Owner Name:	SAN FRANCISCO WAVE EXCHANGE
Property Owner Phone:	925-933-1405
Property Owner Mailing Address:	1350 TREAT BOULEVARD
Property Owner City:	WALNUT CREEK
Property Owner Stat :	CA
Property Owner Zip Code:	94596
Property Owner Country:	United States
EPAID:	Not reported

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97 **XO COMMUNICATIONS** **AST** **A100426288**
200 PAUL AVE, STE 203 **N/A**
SAN FRANCISCO, CA 94124

AST:

Certified Unified Program Agencies:	Not reported
Owner:	XO Communications
Total Gallons:	Not reported
CERSID:	10059568
Facility ID:	38-000-026114
Business Name:	XO Communications
Phone:	5105806304
Fax:	9258071695
Mailing Address:	9201 N. Central Expressway (1B100)
Mailing Address City:	Dallas
Mailing Address State:	TX
Mailing Address Zip Code:	75231
Operator Name:	XO Communications
Operator Phone:	5105800065
Owner Phone:	2142616979
Owner Mail Address:	13865 Sunrise Valley Drive
Owner State:	VA
Owner Zip Code:	20171
Owner Country:	United States
Property Owner Name:	200 Paul LLC
Property Owner Phone:	4155082880
Property Owner Mailing Address:	Not reported

XO COMMUNICATIONS (Continued) **A100426288**

Property Owner City: San Francisco
Property Owner Stat : CA
Property Owner Zip Code: 94124
Property Owner Country: United States
EPAID: Not reported

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97 **200 PAUL AVENUE LLC, C/O DIGITAL REALTY TRUST** **EMI** **S109280425**
200 PAUL AVE, BLDG F, 5TH FLOOR **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	18013
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.114
Reactive Organic Gases Tons/Yr:	.0953838
Carbon Monoxide Emissions Tons/Yr:	.306
NOX - Oxides of Nitrogen Tons/Yr:	1.404
SOX - Oxides of Sulphur Tons/Yr:	.024
Particulate Matter Tons/Yr:	.102
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.099552

Year:	2007
County Code:	38
Air Basin:	SF
Facility ID:	18013
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.114
Reactive Organic Gases Tons/Yr:	.0953838
Carbon Monoxide Emissions Tons/Yr:	.306
NOX - Oxides of Nitrogen Tons/Yr:	1.404
SOX - Oxides of Sulphur Tons/Yr:	.024
Particulate Matter Tons/Yr:	.102
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.099552

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	18013
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.156
Reactive Organic Gases Tons/Yr:	.1305252
Carbon Monoxide Emissions Tons/Yr:	.858
NOX - Oxides of Nitrogen Tons/Yr:	2.975

200 PAUL AVENUE LLC, C/O DIGITAL REALTY TRUST (Continued) **S109280425**

SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.095
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.09272

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	18013
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.156
Reactive Organic Gases Tons/Yr:	0.13052520000000001
Carbon Monoxide Emissions Tons/Yr:	0.85799999999999998
NOX - Oxides of Nitrogen Tons/Yr:	2.9750000000000001
SOX - Oxides of Sulphur Tons/Yr:	0.002
Particulate Matter Tons/Yr:	9.7311475409836007E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	9.4976000000000005E-2

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	18013
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.14000000000000001
Reactive Organic Gases Tons/Yr:	0.11713800000000001
Carbon Monoxide Emissions Tons/Yr:	1.0009999999999999
NOX - Oxides of Nitrogen Tons/Yr:	1.5109999999999999
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	6.5573770491803199E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	6.4000000000000001E-2

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	18013
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.14
Reactive Organic Gases Tons/Yr:	0.117138
Carbon Monoxide Emissions Tons/Yr:	1.001
NOX - Oxides of Nitrogen Tons/Yr:	1.511
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	38

200 PAUL AVENUE LLC, C/O DIGITAL REALTY TRUST (Continued) **S109280425**

Air Basin:	SF
Facility ID:	18013
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.106
Reactive Organic Gases Tons/Yr:	0.0886902
Carbon Monoxide Emissions Tons/Yr:	0.752
NOX - Oxides of Nitrogen Tons/Yr:	1.041
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.051229508197
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.05

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	18013
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.106
Reactive Organic Gases Tons/Yr:	0.0886902
Carbon Monoxide Emissions Tons/Yr:	0.752
NOX - Oxides of Nitrogen Tons/Yr:	1.041
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.052
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.05

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	18013
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.070824323
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.290357792
NOX - Oxides of Nitrogen Tons/Yr:	1.863582366
SOX - Oxides of Sulphur Tons/Yr:	0.002051134
Particulate Matter Tons/Yr:	0.012298318
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.011806384

97 **MACYS PAUL AVE DIST CENTER** **HAZNET** **S113169770**
200 PAUL AVENUE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113169770
Year:	1995
GEPAID:	CAL931533219
Contact:	FEDERATED DEPT STORES INC
Telephone:	5135797078
Mailing Name:	Not reported
Mailing Address:	200 PAUL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941243121
Gen County:	Not reported
TSD EPA ID:	AZD983476680
TSD County:	Not reported
Waste Category:	Polychlorinated biphenyls and material containing PCBs
Disposal Method:	Not reported
Tons:	4.4080
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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97 **CENTURYLINK SAN FRANCISCO TS** **AST** **A100418644**
200 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

AST:

Certified Unified Program Agencies:	Not reported
Owner:	CenturyLink Communications LLC
Total Gallons:	Not reported
CERSID:	10059571
Facility ID:	38-000-025846
Business Name:	Qwest
Phone:	415-467-1528
Fax:	916-631-0919
Mailing Address:	250 East 200 South #1601
Mailing Address City:	Salt Lake City
Mailing Address State:	UT
Mailing Address Zip Code:	84111
Operator Name:	CenturyLink Communications LLC
Operator Phone:	916-631-0122
Owner Phone:	801-237-3006
Owner Mail Address:	250 East 200 South #1601
Owner State:	UT
Owner Zip Code:	84111
Owner Country:	United States
Property Owner Name:	200 Paul, LLC
Property Owner Phone:	Not reported
Property Owner Mailing Address:	560 Mission Street, Suite 2900
Property Owner City:	San Francisco
Property Owner Stat :	CA
Property Owner Zip Code:	94105
Property Owner Country:	United States
EPAID:	Not reported

97 **LEVEL 3 COMMUNICATIONS LLC** **EMI** **S102827274**
200 PAUL AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2002
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	38
Air Basin:	SF

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.003
SOX - Oxides of Sulphur Tons/Yr:	0.009
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.017
Reactive Organic Gases Tons/Yr:	0.0142239
Carbon Monoxide Emissions Tons/Yr:	0.012
NOX - Oxides of Nitrogen Tons/Yr:	0.128
SOX - Oxides of Sulphur Tons/Yr:	0.003
Particulate Matter Tons/Yr:	0.003
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002928

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.043
Reactive Organic Gases Tons/Yr:	.0359781
Carbon Monoxide Emissions Tons/Yr:	.119
NOX - Oxides of Nitrogen Tons/Yr:	.546
SOX - Oxides of Sulphur Tons/Yr:	.008
Particulate Matter Tons/Yr:	.012
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.011712

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Total Organic Hydrocarbon Gases Tons/Yr:	.016
Reactive Organic Gases Tons/Yr:	.0133872
Carbon Monoxide Emissions Tons/Yr:	.043
NOX - Oxides of Nitrogen Tons/Yr:	.199
SOX - Oxides of Sulphur Tons/Yr:	.031
Particulate Matter Tons/Yr:	.014
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.013664

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.017
Reactive Organic Gases Tons/Yr:	.0142239
Carbon Monoxide Emissions Tons/Yr:	.012
NOX - Oxides of Nitrogen Tons/Yr:	.128
SOX - Oxides of Sulphur Tons/Yr:	.003
Particulate Matter Tons/Yr:	.003
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.002928

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.001
NOX - Oxides of Nitrogen Tons/Yr:	.006
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.016
Reactive Organic Gases Tons/Yr:	.0133872
Carbon Monoxide Emissions Tons/Yr:	.043
NOX - Oxides of Nitrogen Tons/Yr:	.199
SOX - Oxides of Sulphur Tons/Yr:	.031
Particulate Matter Tons/Yr:	.014

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Part. Matter 10 Micrometers and Smllr Tons/Yr:.013664

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.043
Reactive Organic Gases Tons/Yr:	.0359781
Carbon Monoxide Emissions Tons/Yr:	.119
NOX - Oxides of Nitrogen Tons/Yr:	.546
SOX - Oxides of Sulphur Tons/Yr:	.008
Particulate Matter Tons/Yr:	.012

Part. Matter 10 Micrometers and Smllr Tons/Yr:.011712

Year:	2007
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.006
Reactive Organic Gases Tons/Yr:	.0050202
Carbon Monoxide Emissions Tons/Yr:	.016
NOX - Oxides of Nitrogen Tons/Yr:	.072
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.005

Part. Matter 10 Micrometers and Smllr Tons/Yr:.00488

Year:	2007
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.002
Reactive Organic Gases Tons/Yr:	.0016734
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.106
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.001

Part. Matter 10 Micrometers and Smllr Tons/Yr:.000976

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	15337

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.006
Reactive Organic Gases Tons/Yr:	.0050202
Carbon Monoxide Emissions Tons/Yr:	.016
NOX - Oxides of Nitrogen Tons/Yr:	.072
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.005
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.00488

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	18112
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.01
Reactive Organic Gases Tons/Yr:	.008367
Carbon Monoxide Emissions Tons/Yr:	.032
NOX - Oxides of Nitrogen Tons/Yr:	.15
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.01
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.00976

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.002
Reactive Organic Gases Tons/Yr:	.0016734
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.106
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	19491
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.02

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Reactive Organic Gases Tons/Yr:	.016734
Carbon Monoxide Emissions Tons/Yr:	.053
NOX - Oxides of Nitrogen Tons/Yr:	.244
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.016592

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.017
Reactive Organic Gases Tons/Yr:	.0142239
Carbon Monoxide Emissions Tons/Yr:	.013
NOX - Oxides of Nitrogen Tons/Yr:	.129
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.003
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.002928

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.9999999999999993E-3
Reactive Organic Gases Tons/Yr:	7.5303000000000002E-3
Carbon Monoxide Emissions Tons/Yr:	7.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr:	7.3999999999999996E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00204918032786885
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	19491
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.02
Reactive Organic Gases Tons/Yr:	1.6733999999999999E-2
Carbon Monoxide Emissions Tons/Yr:	5.2999999999999999E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.24399999999999999
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.7418032786885199E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.7000000000000001E-2

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	18112
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.01
Reactive Organic Gases Tons/Yr:	8.3669999999999994E-3
Carbon Monoxide Emissions Tons/Yr:	3.2000000000000001E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.14999999999999999
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.0245901639344201E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.01

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.002
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	2.5100999999999999E-3
Carbon Monoxide Emissions Tons/Yr:	0.031
NOX - Oxides of Nitrogen Tons/Yr:	5.3999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001952

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.9999999999999993E-3
Reactive Organic Gases Tons/Yr:	7.5303000000000002E-3
Carbon Monoxide Emissions Tons/Yr:	7.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr:	7.3999999999999996E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00204918032786885
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.002
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	19491
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.0000000000000001E-2
Reactive Organic Gases Tons/Yr:	3.3467999999999998E-2
Carbon Monoxide Emissions Tons/Yr:	0.121
NOX - Oxides of Nitrogen Tons/Yr:	0.56000000000000005
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	4.0983606557376998E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	4.0000000000000001E-2

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	2.5100999999999999E-3
Carbon Monoxide Emissions Tons/Yr:	0.031

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

NOX - Oxides of Nitrogen Tons/Yr:	5.3999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00204918032786885
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	18112
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.3999999999999997E-2
Reactive Organic Gases Tons/Yr:	3.6814800000000002E-2
Carbon Monoxide Emissions Tons/Yr:	0.13400000000000001
NOX - Oxides of Nitrogen Tons/Yr:	0.61399999999999999
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0450819672131147
Part. Matter 10 Micrometers and Smllr Tons/Yr:	4.3999999999999997E-2

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.006
Reactive Organic Gases Tons/Yr:	0.0050202
Carbon Monoxide Emissions Tons/Yr:	0.02
NOX - Oxides of Nitrogen Tons/Yr:	0.09
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.005
Reactive Organic Gases Tons/Yr:	0.0041835
Carbon Monoxide Emissions Tons/Yr:	0.051
NOX - Oxides of Nitrogen Tons/Yr:	0.09
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

County Code:	38
Air Basin:	SF
Facility ID:	18112
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.044
Reactive Organic Gases Tons/Yr:	0.0368148
Carbon Monoxide Emissions Tons/Yr:	0.134
NOX - Oxides of Nitrogen Tons/Yr:	0.614
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.022
Reactive Organic Gases Tons/Yr:	0.0184074
Carbon Monoxide Emissions Tons/Yr:	0.018
NOX - Oxides of Nitrogen Tons/Yr:	0.187
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	19491
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.04
Reactive Organic Gases Tons/Yr:	0.033468
Carbon Monoxide Emissions Tons/Yr:	0.121
NOX - Oxides of Nitrogen Tons/Yr:	0.56
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.006
Reactive Organic Gases Tons/Yr:	0.0050202
Carbon Monoxide Emissions Tons/Yr:	0.02
NOX - Oxides of Nitrogen Tons/Yr:	0.09
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0061475409836
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.006

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	18112
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.044
Reactive Organic Gases Tons/Yr:	0.0368148
Carbon Monoxide Emissions Tons/Yr:	0.134
NOX - Oxides of Nitrogen Tons/Yr:	0.614
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.045081967213
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.044

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	19491
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.04
Reactive Organic Gases Tons/Yr:	0.033468
Carbon Monoxide Emissions Tons/Yr:	0.121
NOX - Oxides of Nitrogen Tons/Yr:	0.56
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.040983606557
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.04

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.005
Reactive Organic Gases Tons/Yr:	0.0041835
Carbon Monoxide Emissions Tons/Yr:	0.051
NOX - Oxides of Nitrogen Tons/Yr:	0.09

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0030737704918
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.003

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.022
Reactive Organic Gases Tons/Yr:	0.0184074
Carbon Monoxide Emissions Tons/Yr:	0.018
NOX - Oxides of Nitrogen Tons/Yr:	0.187
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0040983606557
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.004

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001
Reactive Organic Gases Tons/Yr:	0.0008367
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.01
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.005
Reactive Organic Gases Tons/Yr:	0.0041835
Carbon Monoxide Emissions Tons/Yr:	0.051
NOX - Oxides of Nitrogen Tons/Yr:	0.09
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.003
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.003

Year:	2013
County Code:	38

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Air Basin:	SF
Facility ID:	18112
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.011
Reactive Organic Gases Tons/Yr:	0.0092037
Carbon Monoxide Emissions Tons/Yr:	0.035
NOX - Oxides of Nitrogen Tons/Yr:	0.162
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.012
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.011

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.022
Reactive Organic Gases Tons/Yr:	0.0184074
Carbon Monoxide Emissions Tons/Yr:	0.018
NOX - Oxides of Nitrogen Tons/Yr:	0.187
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.004
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.004

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	19491
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.007
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	15337
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000734653
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002218499
NOX - Oxides of Nitrogen Tons/Yr:	0.010204632
SOX - Oxides of Sulphur Tons/Yr:	4.731e-006
Particulate Matter Tons/Yr:	0.00075965
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000729264

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	19491
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000430964
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.000708297
NOX - Oxides of Nitrogen Tons/Yr:	0.007276819
SOX - Oxides of Sulphur Tons/Yr:	1.1821e-005
Particulate Matter Tons/Yr:	0.000134645
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000129259

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	18112
Air District Name:	BA
SIC Code:	4931
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.012115872
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.03658739
NOX - Oxides of Nitrogen Tons/Yr:	0.168294314
SOX - Oxides of Sulphur Tons/Yr:	7.8017e-005
Particulate Matter Tons/Yr:	0.002403473
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002307334

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	14207
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.005147933
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.051289944
NOX - Oxides of Nitrogen Tons/Yr:	0.090037397
SOX - Oxides of Sulphur Tons/Yr:	0.000100811

LEVEL 3 COMMUNICATIONS LLC (Continued) **S102827274**

Particulate Matter Tons/Yr: 0.003098016
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.002974096

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97 **CINGULAR WIRELESS** **EMI** **S106920398**
200 PAUL AVE, BLDG D, SUITE 10 **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2003
County Code:	38
Air Basin:	SF
Facility ID:	14887
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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97 **T-MOBILE USA INC** **EMI** **S108433399**
200 PAUL AVE, BLDG D, SUITE 10 **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	17320
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.003
Reactive Organic Gases Tons/Yr:	.0025101
Carbon Monoxide Emissions Tons/Yr:	.008
NOX - Oxides of Nitrogen Tons/Yr:	.035
SOX - Oxides of Sulphur Tons/Yr:	.001
Particulate Matter Tons/Yr:	.003
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.002928

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	17320
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

T-MOBILE USA INC (Continued) **S108433399**

Total Organic Hydrocarbon Gases Tons/Yr:	.003
Reactive Organic Gases Tons/Yr:	.0025101
Carbon Monoxide Emissions Tons/Yr:	.008
NOX - Oxides of Nitrogen Tons/Yr:	.035
SOX - Oxides of Sulphur Tons/Yr:	.001
Particulate Matter Tons/Yr:	.003
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.002928

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	17320
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	0.0058569
Carbon Monoxide Emissions Tons/Yr:	5.6000000000000001E-2
NOX - Oxides of Nitrogen Tons/Yr:	4.5999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	3.0000000000000001E-3
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002928

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	17320
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	0.0058569
Carbon Monoxide Emissions Tons/Yr:	5.6000000000000001E-2
NOX - Oxides of Nitrogen Tons/Yr:	4.5999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00307377049180327
Part. Matter 10 Micrometers and Smllr Tons/Yr:	3.0000000000000001E-3

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	17320
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.007
Reactive Organic Gases Tons/Yr:	0.0058569
Carbon Monoxide Emissions Tons/Yr:	0.056
NOX - Oxides of Nitrogen Tons/Yr:	0.046
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

T-MOBILE USA INC (Continued) **S108433399**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	17320
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.007
Reactive Organic Gases Tons/Yr:	0.0058569
Carbon Monoxide Emissions Tons/Yr:	0.056
NOX - Oxides of Nitrogen Tons/Yr:	0.046
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0030737704918
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.003

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	17320
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.004
Reactive Organic Gases Tons/Yr:	0.0033468
Carbon Monoxide Emissions Tons/Yr:	0.037
NOX - Oxides of Nitrogen Tons/Yr:	0.03
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	17320
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.004434307
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.03691818
NOX - Oxides of Nitrogen Tons/Yr:	0.029987069
SOX - Oxides of Sulphur Tons/Yr:	2.2185e-005
Particulate Matter Tons/Yr:	0.001813167
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.00174064

97 **MACY'S OF** **UST** **U004003785**
200 PAUL AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	2830
Facility Status:	Not reported
Number Of Tanks:	0
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	255 Shipley Street
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Golden Gate Tank
Application Date:	6/25/1997
Application Name:	Tim Hallen
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	7/1/1997
UST Close ID:	2966
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported

MACY'S OF (Continued) **U004003785**

Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	10/20/1997
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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97 **THE CAMBAY GROUP INC** **HAZNET** **S112842297**
200 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112842297
Year:	1997
GEPAID:	CAC000744928
Contact:	THE CAMBAY GROUP INC
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1350 TREAT BLVD STE 560
Mailing City,St,Zip:	WALNUT CREEK, CA 945960000
Gen County:	Not reported
TSD EPA ID:	CAL000027741
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	.6321
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

97 **LEVEL 3 COMMUNICATIONS** **HAZNET** **S112945297**
200 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112945297
Year:	2013
GEPAID:	CAC002737076
Contact:	BOB GURDIKIAN
Telephone:	7208886702
Mailing Name:	Not reported
Mailing Address:	1025 ELDORADO BLVD.
Mailing City,St,Zip:	BROOMFIELD, CO 80021
Gen County:	San Francisco
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.132
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S112945297
Year:	2013
GEPAID:	CAC002737076
Contact:	BOB GURDIKIAN
Telephone:	7208886702
Mailing Name:	Not reported
Mailing Address:	1025 ELDORADO BLVD.
Mailing City,St,Zip:	BROOMFIELD, CO 80021
Gen County:	San Francisco
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	S112945297
Year:	2005
GEPAID:	CAC002590085
Contact:	JOHN DANCHERTSEN
Telephone:	9183464453
Mailing Name:	Not reported
Mailing Address:	1 TECHNOLOGY CENTER
Mailing City,St,Zip:	TULSA, OK 74103
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	0.68
Cat Decode:	Not reported
Method Decode:	Not reported

LEVEL 3 COMMUNICATIONS (Continued) **S112945297**

Facility County: San Francisco

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97 **THE CAMBAY GROUP, INC** **HAZNET** **S112893710**
200 PAUL AVE **EMI** **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112893710
Year:	2002
GEPAID:	CAC001471448
Contact:	BETH ABAD/OFF MGR
Telephone:	9259331405
Mailing Name:	Not reported
Mailing Address:	1350 TREAT BLVD STE 560
Mailing City,St,Zip:	WALNUT CREEK, CA 945960000
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	2.1
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112893710
Year:	2000
GEPAID:	CAC001471448
Contact:	BETH ABAD/OFF MGR
Telephone:	9259331405
Mailing Name:	Not reported
Mailing Address:	1350 TREAT BLVD STE 560
Mailing City,St,Zip:	WALNUT CREEK, CA 945960000
Gen County:	Not reported
TSD EPA ID:	CAD982042475
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Disposal, Land Fill
Tons:	16.85
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112893710
Year:	1999
GEPAID:	CAC001471448
Contact:	THE CAMBAY GROUP,INC
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1350 TREAT BLVD STE 560
Mailing City,St,Zip:	WALNUT CREEK, CA 945960000
Gen County:	Not reported
TSD EPA ID:	CAD982042475
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	16.8560
Cat Decode:	Not reported

THE CAMBAY GROUP, INC (Continued) **S112893710**

Method Decode: Not reported
Facility County: San Francisco

EMI:

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	13895
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.008697622
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.00713275
NOX - Oxides of Nitrogen Tons/Yr:	0.07317595
SOX - Oxides of Sulphur Tons/Yr:	5.6006e-005
Particulate Matter Tons/Yr:	0.001690512
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001622891

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97 **LEVEL 3 COMMUNICATIONS, LLC-SNFCCAMM** **AST** **A100421788**
200 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

AST:

Certified Unified Program Agencies:	Not reported
Owner:	Level 3 Communications, LLC
Total Gallons:	Not reported
CERSID:	10061839
Facility ID:	38-000-029999
Business Name:	Level 3 Communications
Phone:	720-888-1000
Fax:	Not reported
Mailing Address:	1025 Eldorado Boulevard, Environmental Management 43C
Mailing Address City:	Broomfield
Mailing Address State:	CO
Mailing Address Zip Code:	80021
Operator Name:	Level 3 Communications, LLC
Operator Phone:	720-888-0676
Owner Phone:	720-888-1000
Owner Mail Address:	1025 Eldorado Boulevard, Environmental Management 43C
Owner State:	CO
Owner Zip Code:	80021
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

97 **DIGITAL REALTY TRUST LLC** **HAZNET** **S118205305**
200 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S118205305
Year:	2014
GEPAID:	CAC002764920
Contact:	DIGITAL REALTY TRUST LLC
Telephone:	4158742839
Mailing Name:	Not reported
Mailing Address:	4 EMBARCADERO CTR STE 3200
Mailing City,St,Zip:	SAN FRANCISCO, CA 941114188
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.8
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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97 **AST** **A100336831**
200 PAUL ST #301 94124 **N/A**
SAN FRANCISCO, CA

AST:

Certified Unified Program Agencies:	San Francisco
Owner:	Astound Broadband
Total Gallons:	3,000
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

97 **200 PAUL, LLC** **AST** **S118212073**
200 PAUL AVE **HAZNET** **N/A**
SAN FRANCISCO, CA 94124

AST:

Certified Unified Program Agencies:	Not reported
Owner:	Digital Realty Trust, LP
Total Gallons:	Not reported
CERSID:	10415845
Facility ID:	38-000-029480
Business Name:	Digital Realty Trust, LP
Phone:	(415) 508-2800
Fax:	Not reported
Mailing Address:	200 Paul Ave
Mailing Address City:	San Francisco
Mailing Address State:	CA
Mailing Address Zip Code:	94124
Operator Name:	Chris Lundstrom
Operator Phone:	415) 508-2800
Owner Phone:	(415) 738-6500
Owner Mail Address:	Four Embarcadero Center, Suite 3200
Owner State:	CA
Owner Zip Code:	94111
Owner Country:	United States
Property Owner Name:	Digital realty Trust, LP
Property Owner Phone:	(415) 738-6500
Property Owner Mailing Address:	Four Embarcadero Center, Suite 3200
Property Owner City:	San Francisco
Property Owner Stat :	CA
Property Owner Zip Code:	94111
Property Owner Country:	United States
EPAID:	Not reported

HAZNET:

envid:	S118212073
Year:	2014
GEPAID:	CAC002773210
Contact:	CHRIS LUNDSTROM
Telephone:	4155082847
Mailing Name:	Not reported
Mailing Address:	200 PAUL AVE STE 500
Mailing City,St,Zip:	SAN FRANCISCO, CA 941243100
Gen County:	San Francisco
TSD EPA ID:	CAD980675276
TSD County:	Kern
Waste Category:	Contaminated soil from site clean-up
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	400.16
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

97 **RCN TELECOM SERVICES INC** **EMI** **S107621855**
200 PAUL AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2004
County Code:	38
Air Basin:	SF
Facility ID:	14111
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.019
Reactive Organic Gases Tons/Yr:	0.0158973
Carbon Monoxide Emissions Tons/Yr:	0.053
NOX - Oxides of Nitrogen Tons/Yr:	0.244
SOX - Oxides of Sulphur Tons/Yr:	0.004
Particulate Matter Tons/Yr:	0.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.016592

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	14111
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.019
Reactive Organic Gases Tons/Yr:	.0158973
Carbon Monoxide Emissions Tons/Yr:	.053
NOX - Oxides of Nitrogen Tons/Yr:	.244
SOX - Oxides of Sulphur Tons/Yr:	.004
Particulate Matter Tons/Yr:	.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.016592

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	14111
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.019
Reactive Organic Gases Tons/Yr:	.0158973
Carbon Monoxide Emissions Tons/Yr:	.053
NOX - Oxides of Nitrogen Tons/Yr:	.244
SOX - Oxides of Sulphur Tons/Yr:	.004
Particulate Matter Tons/Yr:	.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.016592

Year:	2007
County Code:	38
Air Basin:	SF

RCN TELECOM SERVICES INC (Continued) **S107621855**

Facility ID:	14111
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.019
Reactive Organic Gases Tons/Yr:	.0158973
Carbon Monoxide Emissions Tons/Yr:	.053
NOX - Oxides of Nitrogen Tons/Yr:	.244
SOX - Oxides of Sulphur Tons/Yr:	.004
Particulate Matter Tons/Yr:	.017
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.016592

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97 **T-MOBILE USA, INC SAN FRANCISCO SWITCH** **AST** **A100425122**
200 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

AST:

Certified Unified Program Agencies:	Not reported
Owner:	T-Mobile USA, Inc.
Total Gallons:	Not reported
CERSID:	10060063
Facility ID:	38-000-026757
Business Name:	T-Mobile West Corporation
Phone:	4156570150
Fax:	Not reported
Mailing Address:	Attn: EPA Compliance 12920 SE 38th St
Mailing Address City:	Bellevue
Mailing Address State:	WA
Mailing Address Zip Code:	98006
Operator Name:	T Mobile USA Inc Attn: EPA Compliance
Operator Phone:	4253838379
Owner Phone:	4156570150
Owner Mail Address:	Attn: EPA Compliance 12920 SE 38th St
Owner State:	WA
Owner Zip Code:	98006
Owner Country:	United States
Property Owner Name:	Digital Realty Attn: Caroline Tujian
Property Owner Phone:	415 508-2801
Property Owner Mailing Address:	200 Paul Avenue, Suite 500
Property Owner City:	San Francisco
Property Owner Stat :	CA
Property Owner Zip Code:	94124
Property Owner Country:	United States
EPAID:	Not reported

97 **AST** **A100184544**

200 PAUL AV #104 94124 **N/A**
SAN FRANCISCO, CA

AST:

Certified Unified Program Agencies:	San Francisco
Owner:	Qwest
Total Gallons:	3,600
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

Certified Unified Program Agencies:	San Francisco
Owner:	XO California Inc.
Total Gallons:	6,000
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported

(Continued) **A100184544**

EPAID:	Not reported
Certified Unified Program Agencies:	San Francisco
Owner:	200 Paul LLC % Digital Realty Trust
Total Gallons:	18,600
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported
Certified Unified Program Agencies:	San Francisco
Owner:	Verizon Business
Total Gallons:	4,000
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

(Continued) **A100184544**

Certified Unified Program Agencies:	San Francisco
Owner:	Level 3 Communications
Total Gallons:	7,320
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

Certified Unified Program Agencies:	San Francisco
Owner:	T-Mobile USA, Inc San Francisco Switch
Total Gallons:	3,000
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

98 **400 PAUL WAVE EXCHANGE, LLC** **HAZNET** **S118223965**
400 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S118223965
Year:	2015
GEPAID:	CAC002841505
Contact:	KEITH DINES
Telephone:	9259331405
Mailing Name:	Not reported
Mailing Address:	2999 OAK RD. STE. 400
Mailing City,St,Zip:	WALNUT CREEK, CA 94597
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

envid:	S118223965
Year:	2014
GEPAID:	CAC002788409
Contact:	KEITH DINES
Telephone:	9259331405
Mailing Name:	Not reported
Mailing Address:	2999 OAK RD STE 400
Mailing City,St,Zip:	WALNUT CREEK, CA 945972013
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	6.9
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

99 **CARRILLO RUDOLPH** **EDR Hist Auto** **1008999627**
1516 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	CARRILLO RUDOLPH
Year:	1940
Type:	AUTOMOBILE REPAIRING

Name:	CARRILLO RUDOLPH
Year:	1940
Type:	AUTOMOBILE REPAIRING

Name:	PECCI LEONARD
Year:	1949
Type:	AUTOMOBILE REPAIRING

CARRILLO RUDOLPH (Continued) **1008999627**

Name: PECCI LEONARD
Year: 1949
Type: AUTOMOBILE REPAIRING

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100 **BARELLA L C** **EDR Hist Auto** **1009000103**
1500 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: BARELLA L C
Year: 1935
Type: GASOLINE AND OIL SERVICE STATION

Name: BARELLA L C
Year: 1935
Type: GASOLINE AND OIL SERVICE STATION

Name: BARELLA L C
Year: 1935
Type: GASOLINE AND OIL SERVICE STATIONS

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101 **ROBERT ATTIENZA** **HAZNET** **S112873863**
630 GIRARD **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112873863
Year: 1996
GEPAID: CAC001204616
Contact: ROBT ATTIENZA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 205 OXFORD WAY
Mailing City,St,Zip: BELMONT, CA 940020000
Gen County: Not reported
TSD EPA ID: CAL000027741
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 2.0227
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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102 **YAN WONG** **HAZNET** **S112984221**
586 SOMERSET ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112984221
Year: 2011
GEPAID: CAC002663844
Contact: YAN WONG
Telephone: 4158231196
Mailing Name: Not reported

YAN WONG (Continued) **S112984221**

Mailing Address: 586 SOMERSET ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941341739
Gen County: Not reported
TSD EPA ID: CAD982042475
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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103 **SWISS AMERICAN SAUSAGE** **CA FID UST** **S101592049**
5990 3RD ST **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:
Facility ID: 38000402
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 5990 3RD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94124
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

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103 **SWISS AMERICAN SAUSAGE** **RGA LUST** **S114697920**
5990 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	SWISS AMERICAN SAUSAGE	5990 3RD ST
2001	SWISS AMERICAN SAUSAGE	5990 3RD ST
2000	SWISS AMERICAN SAUSAGE	5990 3RD ST
1998	SWISS AMERICAN SAUSAGE	5990 3RD ST
1997	SWISS AMERICAN SAUSAGE	5990 3RD ST
1996	SWISS AMERICAN SAUSAGE	5990 3RD ST
1995	SWISS AMERICAN SAUSAGE	5990 3RD ST
1994	SWISS AMERICAN SAUSAGE	5990 3RD ST
1993	SWISS AMERICAN SAUSAGE	5990 3RD ST

103 **SWISS AMERICAN SAUSAGE** **RGA LUST** **S114697919**
5990 3RD STREET **N/A**
SAN FRANCISCO, CA

RGA LUST:

1992 SWISS AMERICAN SAUSAGE 5990 3RD STREET

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103 **SWISS AMERICAN SAUSAGE** **HIST CORTESE** **S100233294**
5990 3RD ST **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0363

SWEEPS UST:

Status:	Not reported
Comp Number:	8113
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-008113-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	1

Status:	Active
Comp Number:	8113
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

104 **EXXON RAS #7-8959** **RGA LUST** **S114616588**
2985 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2011	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2010	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2009	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2008	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2007	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2007	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2006	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2005	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2004	EXXON RAS #7-8959	2985 SAN BRUNO AVE
2003	EXXON RAS #7-8959	2985 SAN BRUNO AVE

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104 **EXXON MOBIL CORPORATION** **EMI** **S113747524**
2985 SAN BRUNO AVENUE **N/A**
SAN FRANCISCO, CA 94134

EMI:

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	15389
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.22
Reactive Organic Gases Tons/Yr:	0.153692
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	15389
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.187
Reactive Organic Gases Tons/Yr:	0.13063820000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	15389

EXXON MOBIL CORPORATION (Continued) **S113747524**

Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.187
Reactive Organic Gases Tons/Yr:	0.1306382
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	15389
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.241
Reactive Organic Gases Tons/Yr:	0.1683626
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	15389
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.138
Reactive Organic Gases Tons/Yr:	0.0964068
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	15389
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.074612881

EXXON MOBIL CORPORATION (Continued) **S113747524**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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104 **EXXON** **RGA LUST** **S114617432**
2985 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	EXXON	2985 SAN BRUNO AVE
2001	EXXON	2985 SAN BRUNO AVE
2000	EXXON	2985 SAN BRUNO AVE
1998	EXXON	2985 SAN BRUNO AVE
1997	EXXON	2985 SAN BRUNO AVE
1996	EXXON	2985 SAN BRUNO AVE
1995	EXXON	2985 SAN BRUNO AVE
1994	EXXON	2985 SAN BRUNO AVE
1993	EXXON	2985 SAN BRUNO AVE

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104 **EXXON #78959** **UST** **U003948889**
2985 SAN BRUNO AVE **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94134

UST:

Facility ID:	5632
Permitting Agency:	SAN FRANCISCO COUNTY
Latitude:	37.7255649
Longitude:	-122.4005203

SAN FRANCISCO CO. UST:

Facility ID:	5632
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	6747 Sierra Ct,
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Gettler-Ryan Inc.
Application Date:	3/11/1998
Application Name:	Scott R. Wilson
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported

EXXON #78959 (Continued) **U003948889**

Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	3205
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported

EXXON #78959 (Continued) **U003948889**

Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	790
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported

EXXON #78959 (Continued) **U003948889**

2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	3077
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported

EXXON #78959 (Continued) **U003948889**

Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	823
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported

EXXON #78959 (Continued) **U003948889**

Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	1/2/1992
UST Close ID:	859
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported

EXXON #78959 (Continued) **U003948889**

Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional CA_UST_SF: record(s) in the EDR Site Report.

SWEEPS UST:

Status:	Not reported
Comp Number:	5632
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-005632-000001
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	5

Status:	Not reported
Comp Number:	5632
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-005632-000002

EXXON #78959 (Continued) **U003948889**

Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: LEADED GASOL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 5632
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-005632-000003
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 5632
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-005632-000004
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 5632
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-005632-000005
Tank Status: Not reported
Capacity: 200
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED

EXXON #78959 (Continued) **U003948889**

Number Of Tanks: Not reported

Status: Active
Comp Number: 5632
Number: 1
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-005632-000006
Tank Status: A
Capacity: 10000
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: 4

Status: Active
Comp Number: 5632
Number: 1
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-005632-000007
Tank Status: A
Capacity: 10000
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Active
Comp Number: 5632
Number: 1
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-005632-000008
Tank Status: A
Capacity: 10000
Active Date: 09-30-92
Tank Use: UNKNOWN
STG: P
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Active
Comp Number: 5632
Number: 1
Board Of Equalization: Not reported

EXXON #78959 (Continued) **U003948889**

Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-005632-000009
Tank Status:	A
Capacity:	1000
Active Date:	09-30-92
Tank Use:	UNKNOWN
STG:	P
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

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104 **EXXON COMPANY C/O ERI** **EMI** **S108431866**
2985 SAN BRUNO AVENUE **N/A**
SAN FRANCISCO, CA 94134

EMI:

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	15389
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.041
Reactive Organic Gases Tons/Yr:	.0286426
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	15389
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.173
Reactive Organic Gases Tons/Yr:	.1208578
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2007
County Code:	38
Air Basin:	SF
Facility ID:	15389
Air District Name:	BA
SIC Code:	4953

EXXON COMPANY C/O ERI (Continued) **S108431866**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.145
Reactive Organic Gases Tons/Yr:	.101297
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	15389
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.169
Reactive Organic Gases Tons/Yr:	.1180634
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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104 **VALERO #7959** **UST** **U003931844**
2985 SAN BRUNO AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	26194
Facility Status:	Not reported
Number Of Tanks:	Not reported
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Wisfe Aish
Care Of Addr:	Wisfe Aish
2nd Care Of Add:	Not reported
Mailing Address:	2895 San Bruno Av
Mailing City,St,Zip:	San Franciso, CA 94134
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	Not reported
Application Name:	Not reported
Action Type:	1
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	1006
Tank Test:	Not reported
Local Tank Id:	26194001001
Tank Manufacturer:	Owens Corning

VALERO #7959 (Continued) **U003931844**

Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	10/21/1991
Tank Capacity:	10000
Additional Desc:	Not reported
Tank Use:	1
Petroleum Type:	Regular Unleaded
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Double wall
Primary Tank Material:	Fiberglass/plastic
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	drop tube, striker plate
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Pressure
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	9/20/2007
2nd Containment Test:	5/25/2006
Spill Containment Present:	No
Drop Tube Present:	No
Striker Plate Present:	No
Alarm Present:	No
Ball Float Present:	No
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

VALERO #7959 (Continued) **U003931844**

Tank ID:	1007
Tank Test:	Not reported
Local Tank Id:	26194001002
Tank Manufacturer:	Owens Corning
Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	10/21/1991
Tank Capacity:	10000
Additional Desc:	Not reported
Tank Use:	1
Petroleum Type:	Midgrade Unleaded
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Double wall
Primary Tank Material:	Fiberglass/plastic
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	drop tube, striker plate

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Pressure
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	9/20/2007
2nd Containment Test:	5/25/2006
Spill Containment Present:	No
Drop Tube Present:	No
Striker Plate Present:	No

VALERO #7959 (Continued) **U003931844**

Alarm Present:	No
Ball Float Present:	No
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	1008
Tank Test:	Not reported
Local Tank Id:	26194001003
Tank Manufacturer:	Owens Corning
Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	10/21/1991
Tank Capacity:	10000
Additional Desc:	Not reported
Tank Use:	1
Petroleum Type:	Premium Unleaded
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Double wall
Primary Tank Material:	Fiberglass/plastic
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	drop tube, striker plate
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Pressure
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported

VALERO #7959 (Continued) **U003931844**

Certified Date:	Not reported
Last Annual Monitoring Cert:	9/20/2007
2nd Containment Test:	5/25/2006
Spill Containment Present:	No
Drop Tube Present:	No
Striker Plate Present:	No
Alarm Present:	No
Ball Float Present:	No
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	1009
Tank Test:	Not reported
Local Tank Id:	26194001004
Tank Manufacturer:	Owens Corning
Compartmentalized Tank:	No
# Of Tank Compartments:	Not reported
Date Tank Installed:	10/21/1991
Tank Capacity:	1000
Additional Desc:	Not reported
Tank Use:	4
Petroleum Type:	Other
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Double wall
Primary Tank Material:	Fiberglass/plastic
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	drop tube, striker plate
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Gravity
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported

VALERO #7959 (Continued) **U003931844**

Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	9/20/2007
2nd Containment Test:	5/25/2006
Spill Containment Present:	No
Drop Tube Present:	No
Striker Plate Present:	No
Alarm Present:	No
Ball Float Present:	No
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported

VALERO #7959 (Continued) **U003931844**

Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Click this hyperlink while viewing on your computer to access additional CA_UST_SF: detail in the EDR Site Report.

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104 **EXXON MOBIL CORPORATION** **FINDS** **1011988739**
2985 SAN BRUNO AVENUE **N/A**
SAN FRANCISCO, CA 94134

FINDS:

Registry ID: 110038010979

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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104 **EXXON CO USA #78993** **HAZNET** **S113005578**
2985 SAN BRUNO/PAUL AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113005578
Year:	2008
GEPAID:	CAD981411804
Contact:	DALE VIATOR, ENVT'L ADVISOR
Telephone:	2816548470
Mailing Name:	Not reported
Mailing Address:	16945 NORTHCHASE DRIVE ROOM 538
Mailing City,St,Zip:	HOUSTON, TX 770600000
Gen County:	Not reported
TSD EPA ID:	CAD980675276
TSD County:	Not reported
Waste Category:	Contaminated soil from site clean-up
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To

EXXON CO USA #78993 (Continued) **S113005578**

	Include On-Site Treatment And/Or Stabilization)
Tons:	6
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113005578
Year:	2008
GEPAID:	CAD981411804
Contact:	DALE VIATOR, ENVT'L ADVISOR
Telephone:	2816548470
Mailing Name:	Not reported
Mailing Address:	16945 NORTHCHASE DRIVE ROOM 538
Mailing City,St,Zip:	HOUSTON, TX 770600000
Gen County:	Not reported
TSD EPA ID:	CAD980675276
TSD County:	Not reported
Waste Category:	Contaminated soil from site clean-up
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	6
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113005578
Year:	1998
GEPAID:	CAD981411804
Contact:	EXXON CO USA
Telephone:	7136567761
Mailing Name:	Not reported
Mailing Address:	PO BOX 2180
Mailing City,St,Zip:	HOUSTON, TX 772522180
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.0500
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113005578
Year:	1998
GEPAID:	CAD981411804
Contact:	EXXON CO USA
Telephone:	7136567761
Mailing Name:	Not reported
Mailing Address:	PO BOX 2180
Mailing City,St,Zip:	HOUSTON, TX 772522180
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Treatment, Tank
Tons:	.2293

EXXON CO USA #78993 (Continued) **S113005578**

Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113005578
Year:	1998
GEPAID:	CAD981411804
Contact:	EXXON CO USA
Telephone:	7136567761
Mailing Name:	Not reported
Mailing Address:	PO BOX 2180
Mailing City,St,Zip:	HOUSTON, TX 772522180
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.0500
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

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104 **VALERO REFINING COMPANY - CA 7959** **HAZNET** **S113100560**
2985 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113100560
Year:	2001
GEPAID:	CAL000191583
Contact:	D SMITH OP & ENV SPECIALIST
Telephone:	5595833398
Mailing Name:	Not reported
Mailing Address:	685 W THIRD ST
Mailing City,St,Zip:	HANFORD, CA 932300000
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	8.75
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

104 **EXXON #78959** **CA FID UST** **S101592097**
2985 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

CA FID UST:

Facility ID:	38000475
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4154676077
Mail To:	Not reported
Mailing Address:	4550 DACOMA 3RD FLO
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94134
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

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104 **EXXON CO USA #78959** **RCRA-LQG** **1007199324**
2985 SAN BRUNO AVE **CAD981411804**
SAN FRANCISCO, CA 94134

RCRA-LQG:

Date form received by agency:	02/21/1992
Facility name:	EXXON CO USA #78959
Facility address:	2985 SAN BRUNO AVE SAN FRANCISCO, CA 941340000
EPA ID:	CAD981411804
Mailing address:	P.O. BOX 4415 HOUSTON, TX 772104415
Contact:	ALDA S POOL
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(713) 656-7709
Contact email:	Not reported
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

EXXON CO USA #78959 (Continued) **1007199324**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

---

104 **ART S EXXON** **EDR Hist Auto** **1009000752**
2985 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	SAN BRUNO SERVICE
Year:	1962
Type:	GASOLINE STATIONS
Name:	ROY S SIGNAL SERVICE
Year:	1966
Type:	GASOLINE STATIONS
Name:	HUMBLE OIL STATION
Year:	1971
Type:	GASOLINE STATIONS
Name:	HUMBLE OIL STATION
Year:	1971
Type:	GASOLINE STATIONS
Name:	VINCE S EXXON
Year:	1977
Type:	GASOLINE STATIONS
Name:	VINCE S EXXON
Year:	1977
Type:	GASOLINE STATIONS
Name:	ART S EXXON
Year:	1982
Type:	GASOLINE STATIONS
Name:	ART S EXXON
Year:	1982
Type:	GASOLINE STATIONS
Name:	ARTS EXXON SERVICE STATION
Year:	1999
Address:	2985 SAN BRUNO AVE
Name:	ARTS EXXON SERVICE STATION
Year:	2000

ART S EXXON (Continued) **1009000752**

Address: 2985 SAN BRUNO AVE

Name: ARTS EXXON
Year: 2001
Address: 2985 SAN BRUNO AVE

Name: ARTS EXXON
Year: 2002
Address: 2985 SAN BRUNO AVE

Name: ARTS EXXON SERVICE STATION
Year: 2003
Address: 2985 SAN BRUNO AVE

Name: ARTS VALERO
Year: 2004
Address: 2985 SAN BRUNO AVE

Name: ARTS VALERO
Year: 2008
Address: 2985 SAN BRUNO AVE

Name: ARTS VALERO
Year: 2009
Address: 2985 SAN BRUNO AVE

Name: ARTS VALERO
Year: 2011
Address: 2985 SAN BRUNO AVE

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104 **ROY S SIGNAL SERVICE** **EDR Hist Auto** **1009070751**
2985 SAN BRUNIR **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: ROY S SIGNAL SERVICE
Year: 1966
Type: GASOLINE STATIONS

---

104 **EXXON RAS #7-8959** **HIST CORTESE** **1001248498**
2985 SAN BRUNO AVE **LUST** **N/A**
SAN FRANCISCO, CA 94134 **CHMIRS**

HIST CORTESE:
Region: CORTESE
Facility County Code: 38
Reg By: LTNKA
Reg Id: 38-0467

Region: CORTESE
Facility County Code: 38
Reg By: LTNKA
Reg Id: 38-1326

LUST:
Region: STATE

EXXON RAS #7-8959 (Continued) **1001248498**

Global Id:	T0607501211
Latitude:	37.724409
Longitude:	-122.402144
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/15/2016
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	MA
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-1326
LOC Case Number:	11193
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	2012 SVE system operating on site to increase sphere of influence

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607501211
Contact Type:	Local Agency Caseworker
Contact Name:	MAMDOUH AWWAD
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET, #210
City:	SAN FRANCISCO
Email:	mamdouh.awwad@sfdph.org
Phone Number:	Not reported

Global Id:	T0607501211
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0607501211
Status:	Open - Case Begin Date
Status Date:	12/10/1998

Global Id:	T0607501211
Status:	Open - Site Assessment
Status Date:	12/10/1998

Global Id:	T0607501211
Status:	Open - Remediation
Status Date:	11/20/2002

Global Id:	T0607501211
Status:	Open - Remediation
Status Date:	07/13/2012

Global Id:	T0607501211
Status:	Completed - Case Closed
Status Date:	07/15/2016

EXXON RAS #7-8959 (Continued) **1001248498**

Regulatory Activities:

Global Id:	T0607501211
Action Type:	Other
Date:	12/10/1998
Action:	Leak Stopped
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	09/19/2009
Action:	File review
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	11/27/2010
Action:	File review
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	01/29/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	10/08/2009
Action:	File review
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	03/17/2014
Action:	Staff Letter
Global Id:	T0607501211
Action Type:	Other
Date:	12/10/1998
Action:	Leak Reported
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	03/01/2013
Action:	Staff Letter
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	06/11/2010
Action:	File review
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	05/01/2010
Action:	File review
Global Id:	T0607501211
Action Type:	RESPONSE
Date:	02/10/2016
Action:	Well Destruction Workplan - Regulator Responded
Global Id:	T0607501211

EXXON RAS #7-8959 (Continued) **1001248498**

Action Type:	RESPONSE
Date:	09/23/2015
Action:	Request for Closure - Regulator Responded
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	02/08/2011
Action:	Clean Up Fund - Letter to RP - #11193
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	08/06/2014
Action:	Staff Letter
Global Id:	T0607501211
Action Type:	REMEDIATION
Date:	12/29/2004
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	02/25/2011
Action:	Staff Letter - #11193
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	05/27/2011
Action:	Staff Letter
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	08/16/2011
Action:	Staff Letter
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	02/09/2016
Action:	LOP Case Closure Summary to RB - #11193
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	07/15/2016
Action:	Closure/No Further Action Letter - #11193
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	02/21/2012
Action:	Staff Letter
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	09/23/2013
Action:	Staff Letter
Global Id:	T0607501211
Action Type:	ENFORCEMENT
Date:	09/26/2012

EXXON RAS #7-8959 (Continued) **1001248498**

Action:	Staff Letter
Global Id:	T0607501211
Action Type:	Other
Date:	12/10/1998
Action:	Leak Discovery
Region:	STATE
Global Id:	T0607500416
Latitude:	37.724238
Longitude:	-122.401133
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/24/1994
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	MA
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0467
LOC Case Number:	10243
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500416
Contact Type:	Local Agency Caseworker
Contact Name:	MAMDOUH AWWAD
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET, #210
City:	SAN FRANCISCO
Email:	mamdouh.awwad@sfdph.org
Phone Number:	Not reported
Global Id:	T0607500416
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0607500416
Status:	Open - Case Begin Date
Status Date:	08/29/1991
Global Id:	T0607500416
Status:	Completed - Case Closed
Status Date:	07/24/1994

Regulatory Activities:

Global Id:	T0607500416

EXXON RAS #7-8959 (Continued) **1001248498**

Action Type: ENFORCEMENT
Date: 03/24/1995
Action: Notice of Responsibility

Global Id: T0607500416
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Global Id: T0607500416
Action Type: Other
Date: 08/29/1991
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 38-0467
Facility Status: Case Closed
Case Number: 10243
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility Id: 38-1326
Facility Status: Remedial action (cleanup) Underway
Case Number: 11193
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 12/10/1998
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 11/20/2002
Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:
Region: SAN FRANCISCO
Facility ID: 38-1326
Facility Status: Leak being confirmed
Case Number: 11193
Case Type: Other ground water affected
Release Date: 12/10/1998
Discovered Date: 12/10/1998

EXXON RAS #7-8959 (Continued) **1001248498**

Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Report Date:	12/10/1998
Case Closed:	Not reported
Closed Date:	Not reported
Leak Source:	Unknown
Leak Cause:	Unknown
Leak Confirmed:	3/16/1999
Entered Date:	3/16/1999
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Exxon Company,
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	MA
Cross Street:	Not reported
NOR Date:	3/16/1999
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	YES
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Not reported
Abatement:	No Action Taken - no action has as yet been taken at the site
Enforcement Type:	NOR
Enforcement Due Date:	Not reported
Basin:	South Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	Not reported
Free Product:	No
Depth to Grnd Wtr:	22’
Gradient:	NE
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	YES
Maximum Soil GW:	Not reported

EXXON RAS #7-8959 (Continued) **1001248498**

Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	A CAP is needed.

Region:	SAN FRANCISCO
Facility ID:	38-0467
Facility Status:	Case Closed
Case Number:	10243
Case Type:	Other ground water affected
Release Date:	1/7/1992
Discovered Date:	8/29/1991
Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	1/7/1992
Case Closed:	7/24/1994
Closed Date:	7/24/1994
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	3/24/1995
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	MA
Cross Street:	PAUL ST
NOR Date:	3/24/1995
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported

EXXON RAS #7-8959 (Continued) **1001248498**

Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Yes
Priority:	Not reported
Abatement:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Enforcement Type:	NOR
Enforcement Due Date:	3/24/1995
Basin:	South Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	1/7/1992
Free Product:	Yes
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	Not reported
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	4/8/91 [leak

CHMIRS:

OES Incident Number:	1-1530
OES notification:	03/13/2001
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported

EXXON RAS #7-8959 (Continued) **1001248498**

Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Fire Dept.
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	Valero Refining Co
Incident Date:	3/13/200112:00:00 AM
Admin Agency:	San Francisco County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	Gasoline
Gallons:	10
Unknown:	0.000000
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A delivery truck was delivering gas, had a connection problem and the problem spilled onto the ground.

105 **RICKY S CLEANERS** — **EDR Hist Cleaner** — **1009131811** / **N/A**
3000 SAN BRUNO AVE
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	RICKY S CLEANERS
Year:	1966
Type:	CLEANERS AND DYERS

Name:	RICKY S CLEANERS
Year:	1966
Type:	CLEANERS AND DYERS

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105 **ADOSTIGUE RICHFIELD SERVICE** — **EDR Hist Auto** — **1009069657** / **N/A**
2990 SAN 8 RUNO AV
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	ADOSTIGUE RICHFIELD SERVICE
Year:	1971
Type:	GASOLINE STATIONS

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105 **GENERAL AUTO SERVICE & HOME GAS** — **UST** — **U004253147** / **N/A**
2990 SAN BRUNO AV
, CA 94134

SAN FRANCISCO CO. UST:

Facility ID:	30973
Facility Status:	Not reported
Number Of Tanks:	Not reported
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	Not reported
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported

GENERAL AUTO SERVICE & HOME GAS (Continued) **U004253147**

Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

105 **ARCO** **RGA LUST** **S114576722**
2990 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	ARCO	2990 SAN BRUNO AVE
2001	ARCO	2990 SAN BRUNO AVE
2000	ARCO	2990 SAN BRUNO AVE
1998	ARCO	2990 SAN BRUNO AVE
1997	ARCO	2990 SAN BRUNO AVE
1996	ARCO	2990 SAN BRUNO AVE
1995	ARCO	2990 SAN BRUNO AVE
1994	ARCO	2990 SAN BRUNO AVE
1993	ARCO	2990 SAN BRUNO AVE
1992	ARCO	2990 SAN BRUNO AVE

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105 **GENERAL AUTO SERVICE & HOME GAS** **RCRA-SQG** **1010314033**
2990 SAN BRUNO AVE **FINDS** **CAR000181222**
SAN FRANCISCO, CA 94134

RCRA-SQG:

Date form received by agency:	01/23/2007
Facility name:	ARCO 2056
Facility address:	2990 SAN BRUNO AVE SAN FRANCISCO, CA 94134
EPA ID:	CAR000181222
Mailing address:	PO BOX 80249 RANCHO SANTA MARGARITA, CA 92688
Contact:	WASTE SPECIALIST
Contact address:	PO BOX 80249 RANCHO SANTA MARGARITA, CA 92688
Contact country:	US
Contact telephone:	714-670-3958
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BP WEST COAST PRODUCTS LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/22/1966
Owner/Op end date:	Not reported

Owner/operator name:	BP WEST COAST PRODUCTS LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private

GENERAL AUTO SERVICE & HOME GAS (Continued) **1010314033**

Owner/Operator Type: Owner
Owner/Op start date: 08/22/1966
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110055758568

Environmental Interest/Information System
STATE MASTER

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105 **BIJAN S ARCO** **EDR Hist Auto** **1009000599**
2990 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: ADOSTIGUE RICHFIELD SERVICE
Year: 1971
Type: GASOLINE STATIONS

Name: BIJAN S ARCO
Year: 1977
Type: GASOLINE STATIONS

Name: BIJAN S ARCO
Year: 1977
Type: GASOLINE STATIONS

Name: KAMBIZ S ARCO
Year: 1982
Type: GASOLINE STATIONS

BIJAN S ARCO (Continued) **1009000599**

Name: KAMBIZ S ARCO
Year: 1982
Type: GASOLINE STATIONS

Name: GENERAL AUTO SERVICE
Year: 1999
Address: 2990 SAN BRUNO AVE

Name: GENERAL AUTO SERVICE
Year: 2000
Address: 2990 SAN BRUNO AVE

Name: GENERAL AUTO SERVICE
Year: 2001
Address: 2990 SAN BRUNO AVE

Name: GENERAL AUTO SERVICE
Year: 2002
Address: 2990 SAN BRUNO AVE

Name: GENERAL AUTO SERVICE
Year: 2003
Address: 2990 SAN BRUNO AVE

Name: GENERAL AUTO SERVICE
Year: 2004
Address: 2990 SAN BRUNO AVE

Name: GENERAL AUTO SERVICE
Year: 2005
Address: 2990 SAN BRUNO AVE

Name: GENERAL AUTO SERVICE
Year: 2006
Address: 2990 SAN BRUNO AVE

Name: GENERAL AUTO SERVICE STATIN
Year: 2008
Address: 2990 SAN BRUNO AVE

Name: GENERAL AUTO SERVICE
Year: 2009
Address: 2990 SAN BRUNO AVE

Name: GEMERAL AUTO SERVICE & HOME GAS
Year: 2011
Address: 2990 SAN BRUNO AVE

Name: GEMERAL AUTO SERVICE & HOME GAS
Year: 2012
Address: 2990 SAN BRUNO AVE

105 **GENERAL AUTO SERVICE CORP.** **UST** **U003879520**
2990 SAN BRUNO AVE **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94134

UST:
Facility ID: 7562
Permitting Agency: SAN FRANCISCO COUNTY
Latitude: 37.725536
Longitude: -122.401129

SAN FRANCISCO CO. UST:
Facility ID: 7562
Facility Status: Not reported
Number Of Tanks: Not reported
Owner/Operator Name: Not reported
Owner/Operator Title: Not reported
Owner Name: Mousa Husary and
Care Of Addr: Mousa Husary,
2nd Care Of Add: Not reported
Mailing Address: 2990 San Bruno Ave
Mailing City,St,Zip: San Francisco, CA 94134
Permit Number: Not reported
Permit Approved By: Not reported
Permit Expiration Date: Not reported
Applications: Not reported
Application Date: Not reported
Application Name: Not reported
Action Type: 3
Yr Spill/Overfill Installed1: Not reported
Yr Spill/Overfill Installed2: Not reported
Yr Spill/Overfill Installed3: Not reported

Tank ID: 1006
Tank Test: Not reported
Local Tank Id: 7562001006
Tank Manufacturer: Not reported
Compartmentalized Tank: Yes
Of Tank Compartments: Not reported
Date Tank Installed: Not reported
Tank Capacity: 15000
Additional Desc: Not reported
Tank Use: 1
Petroleum Type: Regular Unleaded
Common Name: Not reported
Case Number: Not reported
Type Of Tank: Double wall
Primary Tank Material: Fiberglass/plastic
Secondary Tank Material: Not reported
Tank Interior Lining: Unlined
Date Interior Lining Install: Not reported
Date Closed: Not reported
UST Close ID: Not reported
Type Of Spill Protection: drop tube, striker plate
Date Alarm Overfill Protection Installed: Not reported
Date Ball Float Overfill Protection Installed: Not reported
Date Fill Tube Shut Overfill Protection Installed: Not reported
Overfill Protection Exempt: No
Othr Tnk Corrosive Prtctn: Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install: Not reported

GENERAL AUTO SERVICE CORP. (Continued) **U003879520**

Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Pressure
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Sump Sensor, Alarms ,Auto Shutoff For Leaks
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	1/1/1998
Dispenser Containment Type:	Continuous Dispenser With Auto Shutoff for Dispenser
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	9/13/2007
2nd Containment Test:	9/13/2007
Spill Containment Present:	Yes
Drop Tube Present:	No
Striker Plate Present:	No
Alarm Present:	Yes
Ball Float Present:	No
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	1007
Tank Test:	Not reported
Local Tank Id:	7562001007
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Yes
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	6000
Additional Desc:	Not reported
Tank Use:	1
Petroleum Type:	Premium Unleaded
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Double wall
Primary Tank Material:	Fiberglass/plastic
Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	drop tube, striker plate

GENERAL AUTO SERVICE CORP. (Continued) **U003879520**

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Pressure
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Sump Sensor, Alarms ,Auto Shutoff For Leaks
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	1/1/1998
Dispenser Containment Type:	Continuous Dispenser With Auto Shutoff for Dispenser
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	9/13/2007
2nd Containment Test:	9/13/2007
Spill Containment Present:	Yes
Drop Tube Present:	No
Striker Plate Present:	No
Alarm Present:	Yes
Ball Float Present:	No
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	1008
Tank Test:	Not reported
Local Tank Id:	7562001008
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Yes
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	4000
Additional Desc:	Not reported
Tank Use:	1
Petroleum Type:	Diesel
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Double wall
Primary Tank Material:	Fiberglass/plastic

GENERAL AUTO SERVICE CORP. (Continued) **U003879520**

Secondary Tank Material:	Not reported
Tank Interior Lining:	Unlined
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	drop tube, striker plate
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	No
Othr Tnk Corrosive Prtctn:	Fiberglass Reinforced Plastic (FRP)
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Continuous Interstitial Monitoring
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	0
Tank Filled With Inert Material:	0
Piping System Type (Underground):	Pressure
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Double Wall
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Fiberglass
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Sump Sensor, Alarms ,Auto Shutoff For Leaks
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	1/1/1998
Dispenser Containment Type:	Continuous Dispenser With Auto Shutoff for Dispenser
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	9/13/2007
2nd Containment Test:	9/13/2007
Spill Containment Present:	Yes
Drop Tube Present:	No
Striker Plate Present:	No
Alarm Present:	Yes
Ball Float Present:	No
Fill Tube Present:	No
Other Tank Leak Detection Present:	No

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported

GENERAL AUTO SERVICE CORP. (Continued) **U003879520**

Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	3577
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported

GENERAL AUTO SERVICE CORP. (Continued) **U003879520**

Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	Not reported
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported

GENERAL AUTO SERVICE CORP. (Continued) **U003879520**

Other Tank Leak Detection Present: Not reported

Click this hyperlink while viewing on your computer to access
1 additional CA_UST_SF: record(s) in the EDR Site Report.

SWEEPS UST:

Status:	Active
Comp Number:	7562
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-007562-000001
Tank Status:	A
Capacity:	6000
Active Date:	09-30-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4

Status:	Active
Comp Number:	7562
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-007562-000002
Tank Status:	A
Capacity:	4000
Active Date:	09-30-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	7562
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-007562-000003
Tank Status:	A
Capacity:	6000
Active Date:	09-30-92
Tank Use:	UNKNOWN
STG:	P
Content:	LEADED GASOL
Number Of Tanks:	Not reported

GENERAL AUTO SERVICE CORP. (Continued) **U003879520**

Status:	Active
Comp Number:	7562
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-007562-000004
Tank Status:	A
Capacity:	4000
Active Date:	09-30-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

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105 **ARCO 2056** **FINDS** **1010437012**
2990 SAN BRUNO AVE **ECHO** **N/A**
SAN FRANCISCO, CA 94134

FINDS:

Registry ID: 110031331592

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

ECHO:

Envid:	1010437012
Registry ID:	110031331592
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110031331592

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105 **ARCO #2056** **RGA LUST** **S114573760**
2990 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	ARCO #2056	2990 SAN BRUNO AVE
2011	ARCO #2056	2990 SAN BRUNO AVE
2010	ARCO #2056	2990 SAN BRUNO AVE
2009	ARCO #2056	2990 SAN BRUNO AVE
2008	ARCO #2056	2990 SAN BRUNO AVE
2007	ARCO #2056	2990 SAN BRUNO AVE

105 **ARCO # 02056** **RGA LUST** **S114572819**
2990 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2006	ARCO # 02056	2990 SAN BRUNO AVE
2005	ARCO # 02056	2990 SAN BRUNO AVE
2004	ARCO # 02056	2990 SAN BRUNO AVE
2003	ARCO # 02056	2990 SAN BRUNO AVE

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105 **ARCO STATION #2056** **HIST CORTESE** **S102424093**
2990 SAN BRUNO AVE **LUST** **N/A**
SAN FRANCISCO, CA 94134

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0021

LUST:

Region:	STATE
Global Id:	T0607500020
Latitude:	37.724114
Longitude:	-122.401297
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/07/2016
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	MA
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0021
LOC Case Number:	10059
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Consider for closure based on conduit study. 08/2014 Extent of contamination not defined. Elevated concentrations in groundwater and soil vapor require remediation.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500020
Contact Type:	Local Agency Caseworker
Contact Name:	MAMDOUH AWWAD
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET, #210
City:	SAN FRANCISCO
Email:	mamdouh.awwad@sfdph.org
Phone Number:	Not reported

Status History:

Global Id:	T0607500020
Status:	Open - Case Begin Date
Status Date:	03/02/1987

Global Id:	T0607500020
Status:	Open - Site Assessment

ARCO STATION #2056 (Continued) **S102424093**

Status Date: 03/02/1987

Global Id: T0607500020
Status: Open - Site Assessment
Status Date: 05/09/2012

Global Id: T0607500020
Status: Open - Site Assessment
Status Date: 08/18/2014

Global Id: T0607500020
Status: Completed - Case Closed
Status Date: 04/07/2016

Regulatory Activities:

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 10/06/2008
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 12/02/2008
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 01/14/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 06/04/2013
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 06/06/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 12/18/2008
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 12/11/2008
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 12/12/2008
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT

ARCO STATION #2056 (Continued) **S102424093**

Date: 12/18/2008
Action: Meeting

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 04/01/2009
Action: File review

Global Id: T0607500020
Action Type: Other
Date: 03/02/1987
Action: Leak Stopped

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 07/03/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 07/03/2009
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 07/03/2009
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 10/18/2009
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 10/18/2009
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 04/06/2004
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 08/18/2014
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 03/17/2014
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 08/26/2015
Action: Technical Correspondence / Assistance / Other - #10059

ARCO STATION #2056 (Continued) **S102424093**

Global Id: T0607500020
Action Type: Other
Date: 03/02/1987
Action: Leak Reported

Global Id: T0607500020
Action Type: RESPONSE
Date: 07/16/2013
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0607500020
Action Type: RESPONSE
Date: 11/26/2013
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 08/21/2003
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 10/21/2003
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 09/01/2004
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 02/05/2004
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 06/15/2010
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 02/20/1997
Action: Closure/No Further Action Letter - #10111

Global Id: T0607500020
Action Type: RESPONSE
Date: 11/10/2015
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0607500020
Action Type: RESPONSE
Date: 02/19/2015
Action: Request for Closure - Regulator Responded

Global Id: T0607500020
Action Type: RESPONSE

ARCO STATION #2056 (Continued) **S102424093**

Date: 03/10/2016
Action: Request for Closure - Regulator Responded

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 04/20/2005
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 11/01/2004
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 08/04/2011
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 02/25/2011
Action: Staff Letter - #10059

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 07/22/2011
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 06/15/1999
Action: Closure/No Further Action Letter - #10059

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 08/03/2005
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 11/14/2005
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 03/06/2006
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 02/27/2008
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 05/01/2006
Action: Staff Letter

ARCO STATION #2056 (Continued) **S102424093**

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 04/09/2008
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 03/03/2006
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 04/07/2016
Action: Closure/No Further Action Letter - #10059

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 09/18/2015
Action: LOP Case Closure Summary to RB - #10059

Global Id: T0607500020
Action Type: RESPONSE
Date: 08/11/2014
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 03/27/2007
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 03/28/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 06/27/2007
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 10/27/2006
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 12/15/2006
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 08/15/2007
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT

ARCO STATION #2056 (Continued) **S102424093**

Date: 05/27/2010
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 01/19/2011
Action: Clean Up Fund - Letter to RP - #10059

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 02/21/2012
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 11/10/2015
Action: Technical Correspondence / Assistance / Other - #10059

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 11/13/2015
Action: Staff Letter - #10059

Global Id: T0607500020
Action Type: Other
Date: 03/02/1987
Action: Leak Began

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 05/13/2008
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 05/14/2008
Action: Staff Letter

Global Id: T0607500020
Action Type: Other
Date: 03/02/1987
Action: Leak Discovery

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 02/08/2005
Action: File review

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 09/23/2013
Action: Staff Letter

Global Id: T0607500020
Action Type: ENFORCEMENT
Date: 08/24/2012
Action: Staff Letter

ARCO STATION #2056 (Continued) **S102424093**

LUST REG 2:

Region:	2
Facility Id:	38-0021
Facility Status:	Pollution Characterization
Case Number:	10059
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	3/2/1987
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0021
Facility Status:	Not reported
Case Number:	10059
Case Type:	Other ground water affected
Release Date:	3/2/1987
Discovered Date:	3/2/1987
Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	3/2/1987
Case Closed:	Not reported
Closed Date:	Not reported
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	4/22/1992
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	ARCO
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	SC
Cross Street:	DWIGHT ST
NOR Date:	4/22/1992
MTBE Current:	6/28/2002
MTBE Current Date:	3/4/1999
MTBE:	YES
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	3/4/1999
Review Date:	10/7/2002
Workplan Submitted:	Not reported

ARCO STATION #2056 (Continued) **S102424093**

Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Yes
Priority:	High Priority Site
Abatement:	Remove Free Product - remove floating product from water table
Enforcement Type:	Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Enforcement Due Date:	Not reported
Basin:	South Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	3/2/1987
Free Product:	Yes
Depth to Grnd Wtr:	10.92-15.05
Gradient:	ne
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	2A
Amount of Free Produce:	sheen
Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	8/13/1999
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	6/28/2002
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	3/2/87 [leak

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105 **BP WEST COAST PRODUCTS LLC 02056** **HAZNET** **S113122726**
2990 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113122726
Year:	2007
GEPAID:	CAL000260828
Contact:	JACK OMEN WASTE SPECIALIST
Telephone:	7146703958
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,St,Zip:	RCHO STA MARG, CA 926880000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent

BP WEST COAST PRODUCTS LLC 02056 (Continued) **S113122726**

Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.07
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113122726
Year:	2006
GEPAID:	CAL000260828
Contact:	JACK OMEN WASTE SPECIALIST
Telephone:	7146703958
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,St,Zip:	RCHO STA MARG, CA 926880000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	0.15
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113122726
Year:	2006
GEPAID:	CAL000260828
Contact:	JACK OMEN WASTE SPECIALIST
Telephone:	7146703958
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,St,Zip:	RCHO STA MARG, CA 926880000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	0.27
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113122726
Year:	2005
GEPAID:	CAL000260828
Contact:	JACK OMEN WASTE SPECIALIST
Telephone:	7146703958
Mailing Name:	Not reported
Mailing Address:	PO BOX 80249
Mailing City,St,Zip:	RCHO STA MARG, CA 926880000
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Not reported
Tons:	0.04

BP WEST COAST PRODUCTS LLC 02056 (Continued) **S113122726**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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105 **GENERAL AUTO SERVICE CORP** **HIST UST** **S109028313**
2990 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HIST UST:

File Number:	0002F734
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F734.pdf
Region:	STATE
Facility ID:	00000049478
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	4154514311
Owner Name:	GENERAL AUTO SERVICE CORP.
Owner Address:	P.O. BOX 210388
Owner City,St,Zip:	SAN FRANCISCO, CA 94121
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Groundwater Monitoring Well
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, Groundwater Monitoring Well

GENERAL AUTO SERVICE CORP (Continued) **S109028313**

Click here for Geo Tracker PDF:

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105 **GENERAL AUTO SERVICE CORP.** **CA FID UST** **S101623368**
2990 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

CA FID UST:

Facility ID:	38000072
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	2990 SAN BRUNO AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94134
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

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105 **EXXON SERVICE STATION** **HIST UST** **1000337887**
2986 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HIST UST:

File Number:	0002F71A
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F71A.pdf
Region:	STATE
Facility ID:	00000023913
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	ART HUE
Telephone:	4155676077
Owner Name:	EXXON COMPANY U.S.A.
Owner Address:	16945 NORTHCHASE BLVD.
Owner City,St,Zip:	HOUSTON, TX 77210
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1967
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1967
Tank Capacity:	00008000

EXXON SERVICE STATION (Continued) **1000337887**

Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1967
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1969
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

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106 **SWISS AMERICAN SAUSAGE CO.** **LUST** **U003802069**
5990 03RD ST **N/A**
SAN FRANCISCO, CA 94124

LUST:

Region:	STATE
Global Id:	T0607500321
Latitude:	37.724174
Longitude:	-122.393854
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/11/1994
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	SC
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0363
LOC Case Number:	10283
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500321
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

SWISS AMERICAN SAUSAGE CO. (Continued) **U003802069**

Global Id: T0607500321
Contact Type: Local Agency Caseworker
Contact Name: STEPHANIE CUSHING
Organization Name: SAN FRANCISCO COUNTY LOP
Address: 1390 MARKET STREET #210
City: SAN FRANCISCO
Email: stephanie.cushing@sfdph.org
Phone Number: Not reported

Status History:
Global Id: T0607500321
Status: Open - Case Begin Date
Status Date: 09/27/1989

Global Id: T0607500321
Status: Completed - Case Closed
Status Date: 07/11/1994

Regulatory Activities:
Global Id: T0607500321
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Global Id: T0607500321
Action Type: Other
Date: 09/27/1989
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 38-0363
Facility Status: Case Closed
Case Number: 10283
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:
Region: SAN FRANCISCO
Facility ID: 38-0363
Facility Status: Case Closed
Case Number: 10283
Case Type: Soil only
Release Date: 10/2/1989
Discovered Date: 9/27/1989

SWISS AMERICAN SAUSAGE CO. (Continued) **U003802069**

Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	10/2/1989
Case Closed:	7/11/1994
Closed Date:	7/11/1994
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	7/5/1994
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	SC
Cross Street:	WILLIAMS ST
NOR Date:	7/5/1994
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Not reported
Abatement:	No Action Taken - no action has as yet been taken at the site
Enforcement Type:	NOR
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	11/13/1989
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	Not reported
Maximum Soil GW:	Not reported

SWISS AMERICAN SAUSAGE CO. (Continued) **U003802069**

Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	890
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

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107 **U-HAUL COMPANY OF SF** **FINDS** **1015950717**
1575 BAYSHORE BOULEVARD **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110054281656

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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107 **U-HAUL COMPANY OF SF** **Notify 65** **U000053757**
1575 BAYSHORE BOULEVARD **EMI** **N/A**
SAN FRANCISCO, CA 94124

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

EMI:

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	9178
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.262
Reactive Organic Gases Tons/Yr:	.1830332
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

U-HAUL COMPANY OF SF (Continued) **U000053757**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	9178
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.26200000000000001
Reactive Organic Gases Tons/Yr:	0.18303320000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	9178
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.26200000000000001
Reactive Organic Gases Tons/Yr:	0.18303320000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	9178
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.262
Reactive Organic Gases Tons/Yr:	0.1830332
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	9178

U-HAUL COMPANY OF SF (Continued) **U000053757**

Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.262
Reactive Organic Gases Tons/Yr:	0.1830332
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	9178
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.262
Reactive Organic Gases Tons/Yr:	0.1876706
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	9178
Air District Name:	BA
SIC Code:	4953
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.261999923
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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107 **EDR Hist Auto** **1015249123**

1575 BAYSHORE BLVD **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:

Name:	EXXON 92
Year:	2005
Address:	1575 BAYSHORE BLVD

107 **U HAUL** **RGA LUST** **S114707803**
1575 BAYSHORE BLVD **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	U HAUL	1575 BAYSHORE BLVD
2001	U HAUL	1575 BAYSHORE BLVD
2000	U HAUL	1575 BAYSHORE BLVD
1998	U HAUL	1575 BAYSHORE BLVD
1997	U HAUL	1575 BAYSHORE BLVD

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107 **VERIZON WIRELESS COSTA BRAVA** **FINDS** **1016428810**
1575 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110055791807

Environmental Interest/Information System
STATE MASTER

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107 **BAYSHORE U-HAUL CENTER** **CA FID UST** **S101623314**
1575 BAY SHORE BLVD **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38005479
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	1575 BAY SHORE BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	9069
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-009069-000001
Tank Status:	Not reported
Capacity:	1000

BAYSHORE U-HAUL CENTER (Continued) **S101623314**

Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: 4

Status: Not reported
Comp Number: 9069
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-009069-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 9069
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-009069-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 9069
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-009069-000004
Tank Status: Not reported
Capacity: 580
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: Not reported

BAYSHORE U-HAUL CENTER (Continued) **S101623314**

Status:	Active
Comp Number:	9069
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-009069-000005
Tank Status:	A
Capacity:	10000
Active Date:	09-30-92
Tank Use:	UNKNOWN
STG:	P
Content:	UNSPECIFIED
Number Of Tanks:	1

---

107 **U-HAUL FACILTY #708-66** **RGA LUST** **S114708029**
1575 BAYSHORE BL. **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.
2011	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.
2010	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.
2009	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.
2008	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.
2007	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.
2006	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.
2005	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.
2004	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.
2003	U-HAUL FACILTY #708-66	1575 BAYSHORE BL.

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107 **U-HAUL FACILTY #708-66** **LUST** **S105806092**
1575 BAYSHORE BL. **N/A**
SAN FRANCISCO, CA 94124

LUST REG 2:

Region:	2
Facility Id:	38-2146
Facility Status:	Case Closed
Case Number:	11360
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	6/4/1997

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO

U-HAUL FACILTY #708-66 (Continued) **S105806092**

Facility ID:	02-200-005
Facility Status:	Case Closed
Case Number:	11360
Case Type:	Other ground water affected
Release Date:	Not reported
Discovered Date:	5/20/1997
Substance:	Gasoline
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	6/4/1997
Case Closed:	12/5/2002
Closed Date:	Not reported
Leak Source:	Tank
Leak Cause:	Unknown
Leak Confirmed:	Not reported
Entered Date:	4/18/2000
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Reid Reiner
Staff Initial:	VP
Facility Staff:	AL
Cross Street:	Paul Ave
NOR Date:	4/18/2000
MTBE Current:	9/28/2001
MTBE Current Date:	5/1/1997
MTBE:	YES
Maximum MTBE Soil:	6.1
Maximum MTBE GW:	Not reported
MTBE DATE:	5/1/1997
Review Date:	1/23/2002
Workplan Submitted:	3/20/2000
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	1/29/2002
Funding:	Federal
Interim Remediation:	No
Priority:	Moderate Priority Site
Abatement:	Other
Enforcement Type:	NOR
Enforcement Due Date:	4/18/2000
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	5/19/1997
Free Product:	Not reported
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported

U-HAUL FACILTY #708-66 (Continued) **S105806092**

Benzene:	ND
Primary Substance:	Gasoline
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	17000
TPH Date:	5/1/1997
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	ND
TPH Current Date:	9/28/2001
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Gasoline and

---

107 **U-HAUL FACILITY** **HIST CORTESE** **S104809975**
1575 BAYSHORE BL **LUST** **N/A**
SAN FRANCISCO, CA 94124 **HIST UST**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0376

LUST:

Region:	STATE
Global Id:	T0607500333
Latitude:	37.724495
Longitude:	-122.400983
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	02/14/1997
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	38-0376
LOC Case Number:	10323
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500333
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND

U-HAUL FACILITY (Continued) **S104809975**

Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0607500333
Status: Open - Case Begin Date
Status Date: 12/08/1988

Global Id: T0607500333
Status: Completed - Case Closed
Status Date: 02/14/1997

Regulatory Activities:
Global Id: T0607500333
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Global Id: T0607500333
Action Type: ENFORCEMENT
Date: 02/14/1997
Action: Closure/No Further Action Letter - #10323

Global Id: T0607500333
Action Type: Other
Date: 12/08/1988
Action: Leak Discovery

Region: STATE
Global Id: T0607543224
Latitude: 37.723096
Longitude: -122.400586
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/05/2002
Lead Agency: SAN FRANCISCO COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 38-2146
LOC Case Number: 11360
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0607543224
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

U-HAUL FACILITY (Continued) **S104809975**

Status History:

Global Id:	T0607543224
Status:	Open - Case Begin Date
Status Date:	05/20/1997
Global Id:	T0607543224
Status:	Open - Verification Monitoring
Status Date:	06/04/1997
Global Id:	T0607543224
Status:	Completed - Case Closed
Status Date:	12/05/2002

Regulatory Activities:

Global Id:	T0607543224
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported
Global Id:	T0607543224
Action Type:	ENFORCEMENT
Date:	04/18/2000
Action:	Notice of Responsibility
Global Id:	T0607543224
Action Type:	Other
Date:	05/20/1997
Action:	Leak Discovery

LUST REG 2:

Region:	2
Facility Id:	38-0376
Facility Status:	Case Closed
Case Number:	10323
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0376
Facility Status:	Case Closed
Case Number:	10323
Case Type:	Other ground water affected
Release Date:	12/14/1988
Discovered Date:	12/8/1988

U-HAUL FACILITY (Continued) **S104809975**

Substance:	Waste Oil
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	12/15/1988
Case Closed:	2/14/1997
Closed Date:	2/14/1997
Leak Source:	Tank
Leak Cause:	Structure Failure
Leak Confirmed:	Not reported
Entered Date:	7/7/1996
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	CDM
Cross Street:	PAUL AVE
NOR Date:	7/7/1996
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	9/13/1990
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Yes
Priority:	Not reported
Abatement:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Excavate and Dispose - remove contaminated soil and dispose in approved site
Enforcement Type:	NOR
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	3/21/1989
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Used oil (waste
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported

U-HAUL FACILITY (Continued) **S104809975**

Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

HIST UST:

File Number:	0002F8CB
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F8CB.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

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107 **U-HAUL** **RGA LUST** **S114708085**
1575 BAYSHORE BLVD **N/A**
SAN FRANCISCO, CA

RGA LUST:

1995	U-HAUL	1575 BAYSHORE BLVD
1994	U-HAUL	1575 BAYSHORE BLVD
1993	U-HAUL	1575 BAYSHORE BLVD
1992	U-HAUL	1575 BAYSHORE BLVD

107 **U-HAUL MOVING CENTER** **RGA LUST** **S114708051**
1575 BAYSHORE BLVD **N/A**
SAN FRANCISCO, CA

RGA LUST:

1996	U-HAUL MOVING CENTER	1575 BAYSHORE BLVD

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107 **DOWNTOWN U-HAUL** **Notify 65** **S100178982**
1575 BAYSHORE BOULEVARD **N/A**
SAN FRANCISCO, CA 92270

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

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107 **CELLCO - COSTA BRAVA** **ICIS** **1012314189**
1575 BAYSHORE AVE. **FINDS** **N/A**
SAN FRANCISCO, CA 94107 **ECHO**

ICIS:

Enforcement Action ID:	HQ-2008-8002
FRS ID:	110040428070
Action Name:	Cellco Partnership dba Verizon Wireless (Corp Audit)
Facility Name:	CELLCO - COSTA BRAVA
Facility Address:	1575 BAYSHORE AVE. SAN FRANCISCO, CA 94107
Enforcement Action Type:	CAA 113D1 Action For Penalty
Facility County:	SAN FRANCISCO
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	113D1
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.723994
Longitude in Decimal Degrees:	-122.400951
Permit Type Desc:	Not reported
Program System Acronym:	1400006433
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	HQ-2008-8002
FRS ID:	110040428070
Action Name:	Cellco Partnership dba Verizon Wireless (Corp Audit)
Facility Name:	CELLCO - COSTA BRAVA
Facility Address:	1575 BAYSHORE AVE. SAN FRANCISCO, CA 94107
Enforcement Action Type:	EPCRA 325 Action For Penalty
Facility County:	SAN FRANCISCO
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal

CELLCO - COSTA BRAVA (Continued) **1012314189**

EA Type Code:	325
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.723994
Longitude in Decimal Degrees:	-122.400951
Permit Type Desc:	Not reported
Program System Acronym:	1400006433
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	HQ-2008-8002
FRS ID:	110040428070
Action Name:	Cellco Partnership dba Verizon Wireless (Corp Audit)
Facility Name:	CELLCO - COSTA BRAVA
Facility Address:	1575 BAYSHORE AVE. SAN FRANCISCO, CA 94107
Enforcement Action Type:	CWA 309G2B AO For Class II Penalties
Facility County:	SAN FRANCISCO
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	309G2B
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.723994
Longitude in Decimal Degrees:	-122.400951
Permit Type Desc:	Not reported
Program System Acronym:	1400006433
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

FINDS:

Registry ID: 110055679680

Environmental Interest/Information System
STATE MASTER

Registry ID: 110040428070

Environmental Interest/Information System
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

CELLCO - COSTA BRAVA (Continued) **1012314189**

ECHO:
Envid: 1012314189
Registry ID: 110040428070
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110040428070

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107 **U-HAUL FACILITY** **RGA LUST** **S114708028**
1575 BAYSHORE BL **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	U-HAUL FACILITY	1575 BAYSHORE BL
2011	U-HAUL FACILITY	1575 BAYSHORE BL
2010	U-HAUL FACILITY	1575 BAYSHORE BL
2009	U-HAUL FACILITY	1575 BAYSHORE BL
2008	U-HAUL FACILITY	1575 BAYSHORE BL
2007	U-HAUL FACILITY	1575 BAYSHORE BL
2006	U-HAUL FACILITY	1575 BAYSHORE BL
2005	U-HAUL FACILITY	1575 BAYSHORE BL
2004	U-HAUL FACILITY	1575 BAYSHORE BL
2003	U-HAUL FACILITY	1575 BAYSHORE BL

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107 **BAYSHORE U-HAUL CENTER** **HIST UST** **U001595637**
1575 BAY SHORE BLVD **N/A**
SAN FRANCISCO, CA 94124

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000058898
Facility Type: Not reported
Other Type: Not reported
Contact Name: BOB WELTON
Telephone: 4154673830
Owner Name: U-HAUL COMPANY OF SAN FRANCISC
Owner Address: 1575 BAYSHORE BOULEVARD
Owner City,St,Zip: SAN FRANCISCO, CA 94124
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000580
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: 10

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: 10

107 **U-HAUL (BAYSHORE** **UST** **U003916672**
1575 BAYSHORE BL **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	9069
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	3/6/1990
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	635
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported

U-HAUL (BAYSHORE (Continued) **U003916672**

Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	394
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported

U-HAUL (BAYSHORE (Continued) **U003916672**

Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	5/20/1997
UST Close ID:	2927
Type Of Spill Protection:	Not reported

U-HAUL (BAYSHORE (Continued) **U003916672**

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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107 **SALES MART** **HIST CORTESE** **S103964482**
1485 BAYSHORE BLVD **LUST** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0255

LUST:

Region:	STATE
Global Id:	T0607500220
Latitude:	37.7257257
Longitude:	-122.4015231
Case Type:	LUST Cleanup Site

SALES MART (Continued) **S103964482**

Status:	Completed - Case Closed
Status Date:	06/14/1993
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	UUU
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0255
LOC Case Number:	38-0255
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500220
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0607500220
Contact Type:	Local Agency Caseworker
Contact Name:	UNK
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	Not reported
City:	r2 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0607500220
Status:	Open - Case Begin Date
Status Date:	01/31/1992

Global Id:	T0607500220
Status:	Completed - Case Closed
Status Date:	06/14/1993

Regulatory Activities:

Global Id:	T0607500220
Action Type:	Other
Date:	01/31/1992
Action:	Leak Stopped

Global Id:	T0607500220
Action Type:	Other
Date:	01/31/1992
Action:	Leak Reported

Global Id:	T0607500220
Action Type:	Other
Date:	01/31/1992
Action:	Leak Discovery

SALES MART (Continued) **S103964482**

LUST REG 2:
Region: 2
Facility Id: 38-0255
Facility Status: Case Closed
Case Number: 38-0255
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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107 **M FISHER & SON** **HAZNET** **S112903183**
1485 BAYSHORE BLVD **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S112903183
Year: 2000
GEPAID: CAC002200201
Contact: RUTH HOLEMAN
Telephone: 4153303500
Mailing Name: Not reported
Mailing Address: 1485 BAYSHORE BLVD
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAL000153023
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 2.94
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112903183
Year: 1999
GEPAID: CAC002200201
Contact: M FISHER & SON
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1485 BAYSHORE BLVD
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAL000153023
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 4.4247
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

107 **SHUMATE ENTERPRISE** **RCRA NonGen / NLR** **1005441167**
1485 BAYSHORE BLVD **CAR000116285**
SAN FRANCISCO, CA 94124

RCRA NonGen / NLR:

Date form received by agency:	02/10/2006
Facility name:	SHUMATE ENTERPRISE
Facility address:	1485 BAYSHORE BLVD NO 328 SAN FRANCISCO, CA 94124
EPA ID:	CAR000116285
Contact:	FREDRICK M SHUMATE
Contact address:	1485 BAYSHORE BLVD NO 328 SAN FRANCISCO, CA 94124
Contact country:	US
Contact telephone:	415-725-3049
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FREDRICK SHUMATE
Owner/operator address:	1485 BAYSHORE BLVD SAN FRANCISCO, CA 94124
Owner/operator country:	US
Owner/operator telephone:	(415) 725-3049
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2000
Owner/Op end date:	Not reported

Owner/operator name:	SHUMATE ENTERPRISE
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2000
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

SHUMATE ENTERPRISE (Continued) **1005441167**

Historical Generators:
Date form received by agency: 05/15/2002
Site name: SHUMATE ENTERPRISES
Classification: Not a generator, verified

Violation Status: No violations found

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107 **LEEG AND CO INC** **FINDS** **1014673523**
1485 BAYSHORE BLVD **ECHO** **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110043186094

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1014673523
Registry ID: 110043186094
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110043186094

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107 **SALESMART** **Notify 65** **S100270142**
1485 BAYSHORE BOULEVARD **N/A**
SAN FRANCISCO, CA 94124

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

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107 **TOM S TOWING SERVICE** **EDR Hist Auto** **1009071050**
1485 BAYSHORE BLVD **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: TOM S TOWING SERVICE
Year: 1982
Type: AUTOMOBILE REPAIRING

Name: EXXON 92
Year: 2005
Address: 1485 BAYSHORE BLVD

TOM S TOWING SERVICE (Continued) **1009071050**

Name: GREENLIGHT AUTOMOTIVE
Year: 2006
Address: 1485 BAYSHORE BLVD

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107 **AL CURRY TRUCKING** **RCRA NonGen / NLR** **1004677309**
1485 BAYSHORE BLVD **FINDS** **CAR000095646**
SAN FRANCISCO, CA 94124 **ECHO**

RCRA NonGen / NLR:
Date form received by agency: 10/06/2004
Facility name: AL CURRY TRUCKING
Facility address: 1485 BAYSHORE BLVD
STE 264 RM 11
SAN FRANCISCO, CA 94124
EPA ID: CAR000095646
Mailing address: P O BOX 24498
SAN FRANCISCO, CA 94124
Contact: ALFONZO CURRY
Contact address: P O BOX 24498
SAN FRANCISCO, CA 94124
Contact country: US
Contact telephone: 707-647-1536
Contact email: ALCURRYTRUCKING@AOL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ALFONZO CURRY
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2000
Owner/Op end date: Not reported

Owner/operator name: ALFONZO CURRY
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

AL CURRY TRUCKING (Continued) **1004677309**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/23/2001
Site name: AL CURRY TRUCKING
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110012546094

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110058305445

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

ECHO:
Envid: 1004677309
Registry ID: 110012546094
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110012546094

Envid: 1004677309
Registry ID: 110058305445
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110058305445

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107 **FISHER DEVELOPMENT INC** **HAZNET** **S112868719**
1485 BAYSHORE BLVD **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S112868719
Year: 1996
GEPAID: CAC001139776
Contact: FISHER DEVELOPMENT INC
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1485 BAYSHORE BLVD
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAT080014079

FISHER DEVELOPMENT INC (Continued) **S112868719**

TSD County: Not reported
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Tons: .0055
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Bernardino

envid: S112868719
Year: 1996
GEPAID: CAC001139776
Contact: FISHER DEVELOPMENT INC
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1485 BAYSHORE BLVD
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAT080014079
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: 1.4750
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Bernardino

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107 **CAMKAL INDUSTRIAL TRANSPORT LLC** **RCRA NonGen / NLR** **1008879834**
1485 BAYSHORE BLVD **CAR000166819**
SAN FRANCISCO, CA 94124

RCRA NonGen / NLR:
Date form received by agency: 03/15/2006
Facility name: CAMKAL INDUSTRIAL TRANSPORT LLC
Facility address: 1485 BAYSHORE BLVD
BOX 95
SAN FRANCISCO, CA 94124
EPA ID: CAR000166819
Contact: ALETA M BRYANT
Contact address: 1485 BAYSHORE BLVD BOX 95
SAN FRANCISCO, CA 94124
Contact country: US
Contact telephone: 209-931-7770
Contact email: ALETABRYANT@YAHOO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ALETA BRYANT AND REGENA JONES
Owner/operator address: 1485 BAYSHORE BLVD BOX 95
SAN FRANCISCO, CA 94124
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/17/2006
Owner/Op end date: Not reported

CAMKAL INDUSTRIAL TRANSPORT LLC (Continued) **1008879834**

Owner/operator name: ELTON ALLEN AND ALETA BRYANT
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/03/2005
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 10/27/2005
Site name: RJ TRUCKING
Classification: Not a generator, verified

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

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107 **AL CURRY TRUCKING** **FINDS** **1007738083**
1485 BAYSHORE BLVD RM 265 STE 11 **ECHO** **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110018979514

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

AL CURRY TRUCKING (Continued) **1007738083**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1007738083
Registry ID: 110018979514
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110018979514

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107 **CAMKAL INDUSTRIAL TRANSPORT LLC** **FINDS** **1008921945**
1485 BAYSHORE BLVD **ECHO** **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110023034456

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1008921945
Registry ID: 110023034456
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110023034456

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107 **SALES MART OFFICE BUILDING** **CA FID UST** **S101592179**
1485 BAY SHORE BLVD **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:
Facility ID: 38001153
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 1485 BAY SHORE BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94124
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SALES MART OFFICE BUILDING (Continued) **S101592179**

SWEEPS UST:

Status:	Not reported
Comp Number:	7543
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-007543-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	2

Status:	Not reported
Comp Number:	7543
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-007543-000002
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	7543
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-007543-000003
Tank Status:	A
Capacity:	1000
Active Date:	09-30-92
Tank Use:	UNKNOWN
STG:	P
Content:	UNSPECIFIED
Number Of Tanks:	2

Status:	Active
Comp Number:	7543
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92

SALES MART OFFICE BUILDING (Continued) **S101592179**

Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-007543-000004
Tank Status:	A
Capacity:	550
Active Date:	09-30-92
Tank Use:	UNKNOWN
STG:	P
Content:	UNSPECIFIED
Number Of Tanks:	Not reported

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107 **SAN FRANCISCO RENTS** **HAZNET S112963361**
1485 BAYSHORE BLVD **HWT N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112963361
Year:	2010
GEPAID:	CAC002619707
Contact:	AL DERBIGNEY
Telephone:	4153303500
Mailing Name:	Not reported
Mailing Address:	1485 BAYSHORE BLVD
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAD982042475
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	74.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112963361
Year:	2007
GEPAID:	CAC002619707
Contact:	AL DERBIGNEY
Telephone:	4153303500
Mailing Name:	Not reported
Mailing Address:	1485 BAYSHORE BLVD
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112963361
Year:	2007
GEPAID:	CAC002619707

SAN FRANCISCO RENTS (Continued) **S112963361**

Contact: AL DERBIGNEY
Telephone: 4153303500
Mailing Name: Not reported
Mailing Address: 1485 BAYSHORE BLVD
Mailing City,St,Zip: SAN FRANCISCO, CA 94124
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Latex waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.37
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

HWT:
Reg Num: 6403
Expiration Date: 02/28/2018

Reg Num: 6491
Expiration Date: 07/31/2017

---

107 **LEEG AND CO INC** **RCRA NonGen / NLR** **1014387896**
1485 BAYSHORE BLVD **CAR000215152**
SAN FRANCISCO, CA 94124

RCRA NonGen / NLR:
Date form received by agency: 12/07/2010
Facility name: LEEG AND CO INC
Facility address: 1485 BAYSHORE BLVD
STE 139
SAN FRANCISCO, CA 94124
EPA ID: CAR000215152
Contact: ARTHUR L GRAY
Contact address: 1485 BAYSHORE BLVD STE 139
SAN FRANCISCO, CA 94124
Contact country: US
Contact telephone: 415-286-2181
Contact email: LEE4YA@YAHOO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ARTHUR L GRAY
Owner/operator address: 1485 BAYSHORE STE 139
SAN FRANCISCO, CA 94124
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2005
Owner/Op end date: Not reported

Owner/operator name: ARTHUR L GRAY
Owner/operator address: Not reported

LEEG AND CO INC (Continued) **1014387896**

	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2005
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

---

107 **SF RENTS** **HAZNET** **S112952746**
1485 BAYSHORE BLVD **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112952746
Year:	2006
GEPAID:	CAC002602497
Contact:	GREG TWISS
Telephone:	4153303500
Mailing Name:	Not reported
Mailing Address:	1485 BAYSHORE BLVD
Mailing City,St,Zip:	SAN FRANCISCO, CA 941243002
Gen County:	Not reported
TSD EPA ID:	CAD982042475
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	0.84
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112952746
Year:	2006
GEPAID:	CAC002602497
Contact:	GREG TWISS
Telephone:	4153303500
Mailing Name:	Not reported
Mailing Address:	1485 BAYSHORE BLVD
Mailing City,St,Zip:	SAN FRANCISCO, CA 941243002

SF RENTS (Continued) **S112952746**

Gen County:	Not reported
TSD EPA ID:	NVD980895338
TSD County:	Not reported
Waste Category:	Empty containers less than 30 gallons
Disposal Method:	Disposal, Land Fill
Tons:	0.04
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S112952746
Year:	2006
GEPAID:	CAC002602497
Contact:	GREG TWISS
Telephone:	4153303500
Mailing Name:	Not reported
Mailing Address:	1485 BAYSHORE BLVD
Mailing City,St,Zip:	SAN FRANCISCO, CA 941243002
Gen County:	Not reported
TSD EPA ID:	NVD980895338
TSD County:	Not reported
Waste Category:	Unspecified alkaline solution
Disposal Method:	Treatment, Tank
Tons:	0.29
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

107 **SALES MART OFFICE** **UST** **U004004318**
1485 BAYSHORE BL **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	24145
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	5/9/1988
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported

SALES MART OFFICE (Continued) **U004004318**

Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	7/18/1990
UST Close ID:	395
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

SALES MART OFFICE (Continued) **U004004318**

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	936
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported

SALES MART OFFICE (Continued) **U004004318**

Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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108 **PASLEY SERVICE STATION** **EDR Hist Auto** **1009069290**
5945 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	TEASDALE SERVICE STATION
Year:	1953
Type:	GASOLINE STATIONS
Name:	PASLEY SERVICE STATION
Year:	1958
Type:	GASOLINE STATIONS

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108 **PASLEY SERVICE STATION** **EDR Hist Auto** **1009002036**
5945 3RD **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	SCALES AUTO SERVICE
Year:	1977
Type:	AUTOMOBILE REPAIRING
Name:	SCALES AUTO SERVICE
Year:	1977
Type:	AUTOMOBILE REPAIRS
Name:	MORTON S AUTO SERVICE CENTER
Year:	1982
Type:	AUTOMOBILE REPAIRING
Name:	MORTON S AUTO SERVICE CENTER
Year:	1982
Type:	AUTOMOBILE REPAIRING

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109 **ASSOCIATED TRUCKING, INC.** **SWF/LF** **S108059773**
350-400 PAUL AVENUE **N/A**
SAN FRANCISCO, CA

SWF/LF (SWIS):

Region:	STATE
Facility ID:	38-AA-0016
Lat/Long:	37.72357 / -122.39955
Owner Name:	The Cambay Group, Inc.
Owner Telephone:	9259331405
Owner Address:	John Wilson
Owner Address2:	2999 Oak Road, Suite 400
Owner City,St,Zip:	Walnut Creek, CA 94597
Operational Status:	Closed
Operator:	Associated Trucking, Inc.
Operator Phone:	6506523960

ASSOCIATED TRUCKING, INC. (Continued) **S108059773**

Operator Address:	Tracy Fitzgeral
Operator Address2:	1800 Trousdale Drive
Operator City,St,Zip:	Burlingame, CA 94010
Permit Date:	06/30/2006
Permit Status:	Notification
Permitted Acreage:	$1.00
Activity:	Small Vol CDI Debris Proc. Operation
Regulation Status:	Notification
Landuse Name:	Residential,Industrial,Commercial
GIS Source:	Map
Category:	Transfer/Processing
Unit Number:	01
Inspection Frequency:	None
Accepted Waste:	Construction/demolition,Inert,Metals,Wood waste
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	38-AA-0016
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	25
Actual Throughput with Units:	Tons/day
Permitted Capacity with Units:	7800
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Tons/year
Lat/Long:	37.72357 / -122.39955

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110 **ALLWOOD DOOR COMPANY** **HIST CORTESE** **S102431517**
6000 3RD **HAZNET** **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:

Region:	CORTESE
Facility County Code:	38
Reg By:	LTNKA
Reg Id:	38-0600

HAZNET:

envid:	S102431517
Year:	2013
GEPAID:	CAP000234484
Contact:	PETER T MASSON
Telephone:	5104203349
Mailing Name:	Not reported
Mailing Address:	6000 3RD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	San Francisco
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	5
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

ALLWOOD DOOR COMPANY (Continued) **S102431517**

envid:	S102431517
Year:	2013
GEPAID:	CAP000234484
Contact:	PETER T MASSON
Telephone:	5104203349
Mailing Name:	Not reported
Mailing Address:	6000 3RD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	San Francisco
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2204
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

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110 **ALLWOOD DOOR CO.** **LUST** **S104889670**
6000 03RD ST **N/A**
SAN FRANCISCO, CA 94124

LUST:

Region:	STATE
Global Id:	T0607500523
Latitude:	37.72398
Longitude:	-122.393874
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/07/1998
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	MA
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-0600
LOC Case Number:	11022
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500523
Contact Type:	Local Agency Caseworker
Contact Name:	MAMDOUH AWWAD
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET, #210
City:	SAN FRANCISCO
Email:	mamdouh.awwad@sfdph.org
Phone Number:	Not reported

Global Id:	T0607500523
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400

ALLWOOD DOOR CO. (Continued) **S104889670**

City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0607500523
Status: Open - Case Begin Date
Status Date: 01/03/1994

Global Id: T0607500523
Status: Completed - Case Closed
Status Date: 08/07/1998

Regulatory Activities:
Global Id: T0607500523
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Global Id: T0607500523
Action Type: Other
Date: 01/03/1994
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 38-0600
Facility Status: Case Closed
Case Number: 11022
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:
Region: SAN FRANCISCO
Facility ID: 38-0600
Facility Status: Case Closed
Case Number: 11022
Case Type: Soil only
Release Date: 11/5/1993
Discovered Date: 1/3/1994
Substance: Gasoline
Substance Qty: Not reported
How Discovered: Tank Closure
How Stopped: Repair Tank
Report Date: 11/5/1993

ALLWOOD DOOR CO. (Continued) **S104889670**

Case Closed:	8/7/1998
Closed Date:	8/7/1998
Leak Source:	Tank
Leak Cause:	Corrosion
Leak Confirmed:	1/30/1996
Entered Date:	8/5/1998
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Bob Howell, 6000
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	MA
Cross Street:	EGBERT AVE
NOR Date:	8/5/1998
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Yes
Priority:	Low Priority Site
Abatement:	Remove Free Product - remove floating product from water table, Excavate and Dispose - remove contaminated soil and dispose in approved site
Enforcement Type:	NOR
Enforcement Due Date:	Not reported
Basin:	Islais Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	11/5/1993
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	NA
Benzene:	Not reported
Primary Substance:	Gasoline
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	ND
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported

ALLWOOD DOOR CO. (Continued) **S104889670**

Max TPH Soil:	831
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Case closed.

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111 **ALLWOOD DOOR CO** **HAZNET** **S112855464**
6000 THIRD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112855464
Year:	1993
GEPAID:	CAC000949152
Contact:	ROBERT HOWELL AND ROBERT
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	6000 THIRD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CAD083166728
TSD County:	Not reported
Waste Category:	Tank bottom waste
Disposal Method:	Recycler
Tons:	0.41699999999
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112855464
Year:	1993
GEPAID:	CAC000949152
Contact:	ROBERT HOWELL AND ROBERT
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	6000 THIRD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CAD004771168
TSD County:	Not reported
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	0.5
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

111 **ALLWOOD DOOR COMPANY** **RGA LUST** **S114570384**
6000 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	ALLWOOD DOOR COMPANY	6000 3RD ST
2001	ALLWOOD DOOR COMPANY	6000 3RD ST
2000	ALLWOOD DOOR COMPANY	6000 3RD ST

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111 **ROBERT HOWELL/ALL WOOD DOOR CO** **HAZNET** **S113776048**
6000 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113776048
Year:	2012
GEPAID:	CAC002689080
Contact:	ROBERT HOWELL
Telephone:	6506085984
Mailing Name:	Not reported
Mailing Address:	6000 3RD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941243106
Gen County:	San Francisco
TSD EPA ID:	IDD073114654
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	47.99981
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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111 **HOWELL PROPERTY** **RGA LUST** **S114633673**
6000 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1998	HOWELL PROPERTY	6000 3RD ST
1997	HOWELL PROPERTY	6000 3RD ST
1996	HOWELL PROPERTY	6000 3RD ST
1995	HOWELL PROPERTY	6000 3RD ST

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112 **JOSEPH THOMAS** **HAZNET** **S113783604**
656 GOETTINGEN ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113783604
Year:	2012
GEPAID:	CAC002698424
Contact:	JOSEPH THOMAS
Telephone:	4154673931
Mailing Name:	Not reported
Mailing Address:	656 GOETTINGEN ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco

JOSEPH THOMAS (Continued) **S113783604**

TSD EPA ID: CAD982042475
TSD County: Solano
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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113 **U HAUL** **RCRA-SQG 1001815605**
500 PAUL DR **FINDS CAR000057661**
SAN FRANCISCO, CA 94124 **HAZNET**
ECHO

RCRA-SQG:
Date form received by agency: 10/04/1999
Facility name: U HAUL
Facility address: 500 PAUL DR
SAN FRANCISCO, CA 94124
EPA ID: CAR000057661
Contact: RICK RICHARDSON
Contact address: 500 PAUL DR
SAN FRANCISCO, CA 94124
Contact country: US
Contact telephone: (415) 468-3450
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: U HAUL
Owner/operator address: 500 PAUL DR
SAN FRANCISCO, CA 94124
Owner/operator country: Not reported
Owner/operator telephone: (415) 468-3450
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No

U HAUL (Continued) **1001815605**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110002930400

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

envid: 1001815605
Year: 1999
GEPAID: CAR000057661
Contact: U HAUL
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 500 PAUL DR
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Latex waste
Disposal Method: Transfer Station
Tons: 1.1290
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: 1001815605
Year: 1999
GEPAID: CAR000057661
Contact: U HAUL
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 500 PAUL DR
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .6465

U HAUL (Continued) **1001815605**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

ECHO:
Envid: 1001815605
Registry ID: 110002930400
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002930400

---

114 **GIANNINI & HOLLAND** **HAZNET** **S112890784**
1474 EGBERT **N/A**
SAN FRANCISCO, CA 94102

HAZNET:
envid: S112890784
Year: 1999
GEPAID: CAC001428928
Contact: GIANNINI & HOLLAND
Telephone: 4158223150
Mailing Name: Not reported
Mailing Address: 1474 EGBERT
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: .2085
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

114 **GREENTECH CABINETRY** **EMI** **S113748980**
1474 EGBERT AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:
Year: 2009
County Code: 38
Air Basin: SF
Facility ID: 20403
Air District Name: BA
SIC Code: 1521
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.421
Reactive Organic Gases Tons/Yr: 1.3433994
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2010
County Code: 38

GREENTECH CABINETRY (Continued) **S113748980**

Air Basin:	SF
Facility ID:	20403
Air District Name:	BA
SIC Code:	1521
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.421
Reactive Organic Gases Tons/Yr:	1.3433994
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	20403
Air District Name:	BA
SIC Code:	1521
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.421
Reactive Organic Gases Tons/Yr:	1.3433994
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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114 **GIANNINI & HOLLAND** **UST** **U003903770**
1474 EGBERT AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	23277
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	1550 Wallace
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	L & W
Application Date:	5/18/1999
Application Name:	George Wilson
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

GIANNINI & HOLLAND (Continued) **U003903770**

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	5/28/1999
UST Close ID:	3741
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	8/10/1999
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported

GIANNINI & HOLLAND (Continued) **U003903770**

Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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114 **RICHWOOD DESIGNS** **EMI** **S107621877**
1474 EGBERT AVENUE **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2004
County Code:	38
Air Basin:	SF
Facility ID:	15434
Air District Name:	BA
SIC Code:	1521
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.421
Reactive Organic Gases Tons/Yr:	1.3433994
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	15434
Air District Name:	BA
SIC Code:	1521
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.421
Reactive Organic Gases Tons/Yr:	1.3433994
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	15434
Air District Name:	BA
SIC Code:	1521
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.421
Reactive Organic Gases Tons/Yr:	1.3433994
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

RICHWOOD DESIGNS (Continued) **S107621877**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0
Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	15434
Air District Name:	BA
SIC Code:	1521
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.421
Reactive Organic Gases Tons/Yr:	1.3433994
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0
Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	15434
Air District Name:	BA
SIC Code:	1521
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.421
Reactive Organic Gases Tons/Yr:	1.3433994
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0
Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	15434
Air District Name:	BA
SIC Code:	1521
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.421
Reactive Organic Gases Tons/Yr:	1.3433994
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

114 **RICHWOOD DESIGNS** **FINDS** **1011984670**
1474 EGBERT AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110058358735

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

Registry ID: 110037970265

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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115 **CHMIRS** **S113472955**
350 PAUL AVE. **N/A**
SAN FRANCISCO, CA

CHMIRS:

OES Incident Number:	13-0955
OES notification:	02/13/2013
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported

(Continued) **S113472955**

Date/Time:	1100
Year:	2013
Agency:	PG&E
Incident Date:	2/13/2013
Admin Agency:	San Francisco County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Transformer Oil, Possible PCB
Quantity Released:	120
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states: Three transformers were vandalized, causing the release to the ground. Samples will be taken to determine PCB content.

---

115 **EBER INTERNATIONAL** **HAZNET** **S112916148**
350 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112916148
Year:	2001
GEPAID:	CAC002367703
Contact:	ROB SARAFINO / XTN-241
Telephone:	4154681110
Mailing Name:	Not reported
Mailing Address:	350 PAUL AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Transfer Station
Tons:	0.43
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112916148
Year:	2001
GEPAID:	CAC002367703
Contact:	ROB SARAFINO / XTN-241

EBER INTERNATIONAL (Continued) **S112916148**

Telephone: 4154681110
Mailing Name: Not reported
Mailing Address: 350 PAUL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.01
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112916148
Year: 2001
GEPAID: CAC002367703
Contact: ROB SARAFINO / XTN-241
Telephone: 4154681110
Mailing Name: Not reported
Mailing Address: 350 PAUL AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941240000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Latex waste
Disposal Method: Transfer Station
Tons: 0.06
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

115 **ASSOCIATED TRUCKING, INC.** **RGA LF** **S114724928**
350-400 PAUL AVENUE **N/A**
SAN FRANCISCO, CA

RGA LF:

2012	ASSOCIATED TRUCKING, INC.	350-400 PAUL AVENUE
2011	ASSOCIATED TRUCKING, INC.	350-400 PAUL AVENUE
2010	ASSOCIATED TRUCKING, INC.	350-400 PAUL AVENUE
2009	ASSOCIATED TRUCKING, INC.	350-400 PAUL AVENUE
2008	ASSOCIATED TRUCKING, INC.	350-400 PAUL AVENUE
2007	ASSOCIATED TRUCKING, INC.	350-400 PAUL AVENUE
2006	ASSOCIATED TRUCKING, INC.	350-400 PAUL AVENUE

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116 **O & I LAUNDROMAT** **EDR Hist Cleaner** **1009133874**
451 PAUL AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name: 0 & I LAUNDROMAT
Year: 1977
Type: LAUNDRIES SELF SERVE

Name: O & I LAUNDROMAT
Year: 1977
Type: LAUNDRIES-SELF SERVE

O & I LAUNDROMAT (Continued) **1009133874**

Name: O & I LAUNDROMAT
Year: 1982
Type: LAUNDRIES-SELF SERVE

Name: 0 & I LAUNDROMAT
Year: 1982
Type: LAUNDRIES SELF SERVE

---

117 **RESIDENCE 6000 UST# 34** **RGA LUST** **S114675736**
0 CRANE FLAT #34 **N/A**
YOSEMITE NP, CA

RGA LUST:
2002 RESIDENCE 6000 [UST# 34] 0 CRANE FLAT #34

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118 **COMMERCIAL PROPERTY** **RGA LUST** **S114605183**
202 PAUL AVE **N/A**
SAN FRANCISCO, CA

RGA LUST:
2002 COMMERCIAL PROPERTY 202 PAUL AVE

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118 **COMMERCIAL** **LUST** **S104889622**
202 PAUL AVENUE **N/A**
SAN FRANCISCO, CA 94124

LUST:
Region: STATE
Global Id: T0607591854
Latitude: 37.723077
Longitude: -122.397808
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/30/2000
Lead Agency: SAN FRANCISCO COUNTY LOP
Case Worker: MA
Local Agency: SAN FRANCISCO COUNTY LOP
RB Case Number: 38-2065
LOC Case Number: 11423
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0607591854
Contact Type: Local Agency Caseworker

COMMERCIAL (Continued) **S104889622**

Contact Name: MAMDOUH AWWAD
Organization Name: SAN FRANCISCO COUNTY LOP
Address: 1390 MARKET STREET, #210
City: SAN FRANCISCO
Email: mamdouh.awwad@sfdph.org
Phone Number: Not reported

Global Id: T0607591854
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0607591854
Status: Open - Case Begin Date
Status Date: 11/08/2000

Global Id: T0607591854
Status: Completed - Case Closed
Status Date: 11/30/2000

Regulatory Activities:
Global Id: T0607591854
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Global Id: T0607591854
Action Type: ENFORCEMENT
Date: 01/16/2001
Action: Notice of Responsibility

Global Id: T0607591854
Action Type: Other
Date: 11/08/2000
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 38-2065
Facility Status: Case Closed
Case Number: 11423
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

COMMERCIAL (Continued) **S104889622**

Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	02-101-001
Facility Status:	Case Closed
Case Number:	11423
Case Type:	Soil only
Release Date:	Not reported
Discovered Date:	11/8/2000
Substance:	Diesel
Substance Qty:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Report Date:	11/30/2000
Case Closed:	1/29/2001
Closed Date:	Not reported
Leak Source:	Tank
Leak Cause:	Unknown
Leak Confirmed:	11/8/2000
Entered Date:	1/16/2001
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	John Wilson
Staff Initial:	VP
Facility Staff:	MA
Cross Street:	Exeter
NOR Date:	Not reported
MTBE Current:	Not reported
MTBE Current Date:	11/8/2001
MTBE:	ND
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	11/8/2001
Review Date:	1/29/2001
Workplan Submitted:	Not reported
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Moderate Priority Site
Abatement:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Enforcement Type:	NOR
Enforcement Due Date:	1/16/2001
Basin:	ISLAIS
Beneficial Use:	No
Lat/Long:	Not reported

COMMERCIAL (Continued) **S104889622**

CUFID:	Not reported
Suspended:	No
Stopped Date:	11/8/2000
Free Product:	Not reported
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Not reported
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	ND
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	1000
TPH Date:	11/8/2000
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

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118 **COMMERCIAL** **RGA LUST** **S114605389**
202 PAUL AVENUE **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	COMMERCIAL	202 PAUL AVENUE
2011	COMMERCIAL	202 PAUL AVENUE
2010	COMMERCIAL	202 PAUL AVENUE
2009	COMMERCIAL	202 PAUL AVENUE
2008	COMMERCIAL	202 PAUL AVENUE
2007	COMMERCIAL	202 PAUL AVENUE
2006	COMMERCIAL	202 PAUL AVENUE
2005	COMMERCIAL	202 PAUL AVENUE
2004	COMMERCIAL	202 PAUL AVENUE
2003	COMMERCIAL	202 PAUL AVENUE

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118 **SAN FRANCISCO WAVE** **UST** **U004004324**
202 PAUL AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	25441
Facility Status:	Not reported
Number Of Tanks:	2
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported

SAN FRANCISCO WAVE (Continued) **U004004324**

Mailing Address:	1350 Treat Blvd
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	San Francisco
Application Date:	11/6/2000
Application Name:	John Wilson
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	3:08:00 AM
UST Close ID:	4045
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported

SAN FRANCISCO WAVE (Continued) **U004004324**

Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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118 **SAN FRANCISCO WAVE EXCHANGE,LLC** **HAZNET** **S112909088**
202 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112909088
Year:	2001
GEPAID:	CAC002281113
Contact:	JOHN WILSON/MGR
Telephone:	9256331405
Mailing Name:	Not reported
Mailing Address:	1350 TREAT BLVD STE 569
Mailing City,St,Zip:	WALNUT CREEK, CA 945960000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	0.42
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112909088
Year:	2000
GEPAID:	CAC002281113
Contact:	JOHN WILSON/MGR
Telephone:	9256331405
Mailing Name:	Not reported
Mailing Address:	1350 TREAT BLVD STE 569
Mailing City,St,Zip:	WALNUT CREEK, CA 945960000
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	0.81
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

SAN FRANCISCO WAVE EXCHANGE,LLC (Continued) **S112909088**

envid: S112909088
Year: 2000
GEPAID: CAC002281113
Contact: JOHN WILSON/MGR
Telephone: 9256331405
Mailing Name: Not reported
Mailing Address: 1350 TREAT BLVD STE 569
Mailing City,St,Zip: WALNUT CREEK, CA 945960000
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 3.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

119 **PACIFIC BELL** **RCRA-SQG** **1000250841**
6150 3RD STREET **FINDS** **CAT080015662**
SAN FRANCISCO, CA 94124 **CA FID UST**
HIST UST
SWEEPS UST
EMI
ECHO

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: PACIFIC BELL
Facility address: 6150 3RD STREET
SAN FRANCISCO, CA 94124
EPA ID: CAT080015662
Mailing address: 220 MONTGOMERY STREET RM 1051
SAN FRANCISCO, CA 94104
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: THE PACIFIC TEL & TEL COMPANY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported

PACIFIC BELL (Continued) **1000250841**

Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/09/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002947330

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PACIFIC BELL (Continued) **1000250841**

CA FID UST:
Facility ID: 38004973
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155508464
Mail To: Not reported
Mailing Address: P O BOX 7631 - DEP
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94124
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000016413
Facility Type: Other
Other Type: PHONE CO.
Contact Name: E.J. KOEHLER
Telephone: 4155426758
Owner Name: PACIFIC BELL
Owner Address: 370 THIRD STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94107
Total Tanks: 0001

Tank Num: 001
Container Num: D-65-1500
Year Installed: 1965
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

SWEEPS UST:
Status: Not reported
Comp Number: 1281
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-001281-000001
Tank Status: Not reported
Capacity: 1500
Active Date: Not reported
Tank Use: UNKNOWN

PACIFIC BELL (Continued) **1000250841**

STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: 1

Status: Active
Comp Number: 1281
Number: 1
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

EMI:

Year: 2002
County Code: 38
Air Basin: SF
Facility ID: 13520
Air District Name: BA
SIC Code: 4813
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2003
County Code: 38
Air Basin: SF
Facility ID: 13520
Air District Name: BA
SIC Code: 4813
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2004

PACIFIC BELL (Continued) **1000250841**

County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.007
Reactive Organic Gases Tons/Yr:	0.0058569
Carbon Monoxide Emissions Tons/Yr:	0.02
NOX - Oxides of Nitrogen Tons/Yr:	0.093
SOX - Oxides of Sulphur Tons/Yr:	0.001
Particulate Matter Tons/Yr:	0.007
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.006832

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.007
Reactive Organic Gases Tons/Yr:	.0058569
Carbon Monoxide Emissions Tons/Yr:	.02
NOX - Oxides of Nitrogen Tons/Yr:	.093
SOX - Oxides of Sulphur Tons/Yr:	.001
Particulate Matter Tons/Yr:	.007
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.006832

Year:	2006
County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.002
Reactive Organic Gases Tons/Yr:	.0016734
Carbon Monoxide Emissions Tons/Yr:	.005
NOX - Oxides of Nitrogen Tons/Yr:	.025
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.001952

Year:	2007
County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD

PACIFIC BELL (Continued) **1000250841**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.002
Reactive Organic Gases Tons/Yr:	.0016734
Carbon Monoxide Emissions Tons/Yr:	.005
NOX - Oxides of Nitrogen Tons/Yr:	.025
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.001952

Year:	2008
County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.011
Reactive Organic Gases Tons/Yr:	.0092037
Carbon Monoxide Emissions Tons/Yr:	.028
NOX - Oxides of Nitrogen Tons/Yr:	.13
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.009
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.008784

Year:	2009
County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.01
Reactive Organic Gases Tons/Yr:	8.3669999999999994E-3
Carbon Monoxide Emissions Tons/Yr:	2.9999999999999999E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.13900000000000001
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.0245901639344201E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.01

Year:	2010
County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.01
Reactive Organic Gases Tons/Yr:	8.3669999999999994E-3
Carbon Monoxide Emissions Tons/Yr:	2.9999999999999999E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.13900000000000001

PACIFIC BELL (Continued) **1000250841**

SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.0245901639344201E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.01

Year:	2011
County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.01
Reactive Organic Gases Tons/Yr:	0.008367
Carbon Monoxide Emissions Tons/Yr:	0.03
NOX - Oxides of Nitrogen Tons/Yr:	0.139
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.014
Reactive Organic Gases Tons/Yr:	0.0117138
Carbon Monoxide Emissions Tons/Yr:	0.043
NOX - Oxides of Nitrogen Tons/Yr:	0.2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.014344262295
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.014

Year:	2013
County Code:	38
Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.014
Reactive Organic Gases Tons/Yr:	0.0117138
Carbon Monoxide Emissions Tons/Yr:	0.043
NOX - Oxides of Nitrogen Tons/Yr:	0.2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.015
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.014

Year:	2014
County Code:	38

PACIFIC BELL (Continued) **1000250841**

Air Basin:	SF
Facility ID:	13520
Air District Name:	BA
SIC Code:	4813
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.005944783
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.017951999
NOX - Oxides of Nitrogen Tons/Yr:	0.082575411
SOX - Oxides of Sulphur Tons/Yr:	3.828e-005
Particulate Matter Tons/Yr:	0.006147055
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.005901173

ECHO:

Envid:	1000250841
Registry ID:	110002947330
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002947330

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119 **PACIFIC BELL TELEPHONE CO DBA AT&T CALIF** **HAZNET** **S113179695**
6150 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113179695
Year:	2015
GEPAID:	CAT080015662
Contact:	SEAN MCFARLANE
Telephone:	9252776725
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 5095, 4W200I
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	San Francisco
TSD EPA ID:	CAT080014079
TSD County:	Contra Costa
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0525
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S113179695
Year:	2015
GEPAID:	CAT080015662
Contact:	SEAN MCFARLANE
Telephone:	9252776725
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 5095, 4W200I
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	San Francisco
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Off-specification, aged or surplus organics

PACIFIC BELL TELEPHONE CO DBA AT&T CALIF (Continued) **S113179695**

Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.04
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S113179695
Year:	2015
GEPAID:	CAT080015662
Contact:	SEAN MCFARLANE
Telephone:	9252776725
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 5095, 4W200I
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	San Francisco
TSD EPA ID:	CAT080014079
TSD County:	Contra Costa
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0095
Cat Decode:	Off-specification, aged or surplus inorganics
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S113179695
Year:	2014
GEPAID:	CAT080015662
Contact:	SEAN MCFARLANE
Telephone:	9258230280
Mailing Name:	Not reported
Mailing Address:	2525 WATNEY
Mailing City,St,Zip:	FAIRFIELD, CA 945330000
Gen County:	San Francisco
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.0225
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113179695
Year:	2014
GEPAID:	CAT080015662
Contact:	SEAN MCFARLANE
Telephone:	9258230280
Mailing Name:	Not reported
Mailing Address:	2525 WATNEY
Mailing City,St,Zip:	FAIRFIELD, CA 945330000
Gen County:	San Francisco
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles

PACIFIC BELL TELEPHONE CO DBA AT&T CALIF (Continued) **S113179695**

Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: Not reported
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
33 additional CA_HAZNET: record(s) in the EDR Site Report.

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119 **EDR Hist Auto** **1015577561**
6150 3RD ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:
Name: PAK AUTO REPAIR
Year: 2011
Address: 6150 3RD ST

Name: PAK AUTO
Year: 2012
Address: 6150 3RD ST

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119 **AT&T CALIFORNIA - R4033** **AST** **A100417280**
6150 3RD ST **N/A**
SAN FRANCISCO, CA 94124

AST:
Certified Unified Program Agencies: Not reported
Owner: Pacific Bell Telephone Company dba AT&T California
Total Gallons: Not reported
CERSID: 10055854
Facility ID: 38-000-001281
Business Name: PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA
Phone: 415-597-6013
Fax: 925-973-0584
Mailing Address: 308 S. Akard Street, Room 1708
Mailing Address City: Dallas
Mailing Address State: TX
Mailing Address Zip Code: 75202
Operator Name: AT&T California
Operator Phone: 415-597-6013
Owner Phone: 214-464-2626
Owner Mail Address: 308 S. Akard Street, Room 1708
Owner State: TX
Owner Zip Code: 75202
Owner Country: United States
Property Owner Name: Pacific Bell Telephone Company dba AT&T California
Property Owner Phone: (214) 464-2626
Property Owner Mailing Address: 308 S. Akard St., Room 1708
Property Owner City: Dallas
Property Owner Stat : TX
Property Owner Zip Code: 75202
Property Owner Country: United States
EPAID: CAT080015662

119 **PACIFIC BELL (R4-033)** **HIST UST** **S118413765**
6150 THIRD STREET **N/A**
SAN FRANCISCO, CA 94124

HIST UST:

File Number:	0002F7F3
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F7F3.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

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119 **EDR Hist Auto** **1015574747**
6100 3RD ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:

Name:	VALERO REFINING CO
Year:	2007
Address:	6100 3RD ST

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120 **PACIFIC BELL (R4-626)** **HIST UST** **S113803400**
100 PAUL AVENUE **HAZNET** **N/A**
SAN FRANCISCO, CA 94124

HIST UST:

File Number:	0002F7E9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F7E9.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported

PACIFIC BELL (R4-626) (Continued) **S113803400**

Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

envid:	S113803400
Year:	2015
GEPAID:	CAR000099887
Contact:	SEAN MCFARLANE
Telephone:	9252776725
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 5095, 4W200I
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	San Francisco
TSD EPA ID:	CAT080014079
TSD County:	Contra Costa
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.015
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S113803400
Year:	2015
GEPAID:	CAR000099887
Contact:	SEAN MCFARLANE
Telephone:	9252776725
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 5095, 4W200I
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	San Francisco
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

envid:	S113803400
Year:	2014
GEPAID:	CAR000099887
Contact:	SEAN MCFARLANE
Telephone:	9258230280
Mailing Name:	Not reported
Mailing Address:	2525 WATNEY

PACIFIC BELL (R4-626) (Continued) **S113803400**

Mailing City,St,Zip:	FAIRFIELD, CA 945330000
Gen County:	San Francisco
TSD EPA ID:	CAT080014079
TSD County:	Contra Costa
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0225
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113803400
Year:	2014
GEPAID:	CAR000099887
Contact:	SEAN MCFARLANE
Telephone:	9258230280
Mailing Name:	Not reported
Mailing Address:	2525 WATNEY
Mailing City,St,Zip:	FAIRFIELD, CA 945330000
Gen County:	San Francisco
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0375
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113803400
Year:	2012
GEPAID:	CAR000099887
Contact:	JAMES CRANMER
Telephone:	3033917206
Mailing Name:	Not reported
Mailing Address:	1 AT&T WAY RM 2C140
Mailing City,St,Zip:	BEDMINSTER, NJ 079210000
Gen County:	San Francisco
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0075
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
11 additional CA_HAZNET: record(s) in the EDR Site Report.

120 PACIFIC BELL
100 PAUL AVE
SAN FRANCISCO, CA 94124

RCRA-SQG
FINDS
UST
ECHO

1004677638
CAR000099887

RCRA-SQG:
Date form received by agency: 11/02/2005
Facility name: PACIFIC BELL TELEPHONE
Facility address: 100 PAUL AVE
SAN FRANCISCO, CA 94124
EPA ID: CAR000099887
Mailing address: 308 S AKARD STREET
ROOM 900
DALLAS, TX 75202
Contact: JAMES A CRANMER
Contact address: 308 S AKARD STREET ROOM 900
DALLAS, TX 75202
Contact country: US
Contact telephone: 214-464-1805
Contact email: JC3746@SBC.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: PACIFIC BELL TELEPHONE
Owner/operator address: 308 S AKARD ROOM 900
DALLAS, TX 75202
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1976
Owner/Op end date: Not reported

Owner/operator name: PACIFIC BELL TELEPHONE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1976
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

PACIFIC BELL (Continued) **1004677638**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

. Waste code: D001
. Waste name: IGNITABLE WASTE

Historical Generators:
Date form received by agency: 07/16/2001
Site name: PACIFIC BELL
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110012238328

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SAN FRANCISCO CO. UST:
Facility ID: 6679
Facility Status: Not reported
Number Of Tanks: 1
Owner/Operator Name: Not reported

PACIFIC BELL (Continued) **1004677638**

Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	33515 Western
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Ecology Control
Application Date:	12/10/1998
Application Name:	Walter Gage
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	12/23/1998
UST Close ID:	3578
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported

PACIFIC BELL (Continued) **1004677638**

Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

ECHO:

Envid:	1004677638
Registry ID:	110012238328
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110012238328

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120 **PACIFIC BELL (R4-626)** **HIST UST** **S105247997**
100 PAUL AVE **N/A**
SAN FRANCISCO, CA 94124

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000016316
Facility Type:	Other
Other Type:	PHONE CO.
Contact Name:	E. J. KOEHLER
Telephone:	4155426758
Owner Name:	PACIFIC BELL
Owner Address:	370 THIRD STREET
Owner City,St,Zip:	SAN FRANCISCO, CA 94107
Total Tanks:	0001
Tank Num:	001
Container Num:	D-XX-2K
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

120 **PACIFIC BELL** **HAZNET** **S112899004**
100 PAUL AVE **N/A**
SAN FRANCISCO, CA 94583

HAZNET:

envid:	S112899004
Year:	2002
GEPAID:	CAC002125472
Contact:	DAVALYNN BOTELL
Telephone:	9258675741
Mailing Name:	Not reported
Mailing Address:	PO BOX 5900 RM 3E000
Mailing City,St,Zip:	SAN RAMON, CA 945830999
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method:	Recycler
Tons:	42.11
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112899004
Year:	1998
GEPAID:	CAC002125472
Contact:	PACIFIC BELL
Telephone:	9258675741
Mailing Name:	Not reported
Mailing Address:	PO BOX 5900 RM 3E000
Mailing City,St,Zip:	SAN RAMON, CA 945830999
Gen County:	Not reported
TSD EPA ID:	CAD009466392
TSD County:	Not reported
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	1.0000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112899004
Year:	1998
GEPAID:	CAC002125472
Contact:	PACIFIC BELL
Telephone:	9258675741
Mailing Name:	Not reported
Mailing Address:	PO BOX 5900 RM 3E000
Mailing City,St,Zip:	SAN RAMON, CA 945830999
Gen County:	Not reported
TSD EPA ID:	CAD009466392
TSD County:	Not reported
Waste Category:	Empty containers less than 30 gallons
Disposal Method:	Recycler
Tons:	.3000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

121 **SAN FRANCISCO WAVE EXCHANGE** **EMI** **S107621922**
200 PAUL AVE, &400 BLDG F, MEZ **N/A**
SAN FRANCISCO, CA 94124

EMI:

Year:	2004
County Code:	38
Air Basin:	SF
Facility ID:	13131
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.114
Reactive Organic Gases Tons/Yr:	0.0953838
Carbon Monoxide Emissions Tons/Yr:	0.306
NOX - Oxides of Nitrogen Tons/Yr:	1.404
SOX - Oxides of Sulphur Tons/Yr:	0.024
Particulate Matter Tons/Yr:	0.102
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.099552

Year:	2005
County Code:	38
Air Basin:	SF
Facility ID:	13131
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.114
Reactive Organic Gases Tons/Yr:	.0953838
Carbon Monoxide Emissions Tons/Yr:	.306
NOX - Oxides of Nitrogen Tons/Yr:	1.404
SOX - Oxides of Sulphur Tons/Yr:	.024
Particulate Matter Tons/Yr:	.102
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.099552

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121 **T-MOBILE USA INC** **FINDS** **1011977584**
200 PAUL AVE, BLDG D, SUITE 10 **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110038078941

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

STATE MASTER

121 **RH MACY & COMPANY INC** **RCRA-SQG** **1000294930**
200 PAUL AVE **FINDS** **CAD982041055**
SAN FRANCISCO, CA 94124 **ECHO**

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	RH MACY & COMPANY INC
Facility address:	200 PAUL AVE SAN FRANCISCO, CA 94124
EPA ID:	CAD982041055
Mailing address:	11 PENN PLAZA EIGHTH PL OMO1 NEW YORK, NY 10001
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	RH MACY & CO INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

RH MACY & COMPANY INC (Continued) **1000294930**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/31/1987
Site name: RH MACY & COMPANY INC
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002785736

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000294930
Registry ID: 110002785736
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002785736

---

121 **200 PAUL AVENUE LLC, C/O DIGIT** **FINDS** **1015950402**
200 PAUL AVE, BLDG F, 5TH FLOO **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110054273460

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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121 **QWEST COMMUNICATIONS CORPORATI** **FINDS** **1008240016**
200 PAUL AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110021323744

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

STATE MASTER

121 **SAN FRANCISCO WAVE EXCHANGE** **FINDS** **1011976715**
200 PAUL AVE, &400 BLDG F, MEZ **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110038093764

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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121 **ASTOUND BROADBAND** **FINDS** **1015914125**
200 PAUL AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110054237410

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

STATE MASTER

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121 **LEVEL 3 COMMUNICATIONS LLC** **FINDS** **1015780196**
200 PAUL AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110054321541

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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121 **XO COMMUNICATIONS INC** **FINDS** **1011978731**
200 PAUL AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110038070235

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

STATE MASTER

121 **VERIZON GLOBAL NETWORKS** **FINDS** **1011984373**
200 PAUL AVENUE **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110037970256

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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122 **BETTY SAGE** **HAZNET** **S113787653**
532 DWIGHT ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113787653
Year:	2012
GEPAID:	CAC002703576
Contact:	BETTY SAGE
Telephone:	5105961471
Mailing Name:	Not reported
Mailing Address:	532 DWIGHT ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341811
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

123 **MAYFIELD S CATERERS** **EDR Hist Cleaner** **1009184536**
6190 3RD ST **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	MAYFIELD S CATERERS
Year:	1982
Type:	CLEANERS

---

124 **BAKER W B & CO INC** **EDR Hist Auto** **1008990360**
1375 FITZGERALD AV ZONE 24 **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	BAKER W B & CO INC
Year:	1953
Type:	MOTOR REPAIRS

124 **ELDONS FIVE STAR TRANSPORT INC** **HAZNET** **S118937396**
1375 FITZGERALD AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S118937396
Year:	2015
GEPAID:	CAL000389369
Contact:	KEVIN WILLIAMS
Telephone:	4158220500
Mailing Name:	Not reported
Mailing Address:	824 COVENTRY LN
Mailing City,St,Zip:	FAIRFIELD, CA 945330000
Gen County:	San Francisco
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

---

124 **VACANT** **CA FID UST** **S101592433**
1385 FITZGERALD AVE **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94124

CA FID UST:

Facility ID:	38005244
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	1385 FITZGERALD AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94124
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	811
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	38-000-000811-000001
Tank Status:	Not reported

VACANT (Continued) **S101592433**

Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	UNSPECIFIED
Number Of Tanks:	1
Status:	Active
Comp Number:	811
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	12-10-91
Created Date:	01-01-01
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

---

124 **VACANT** **UST** **U003906432**
1385 FITZGERALD AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	25262
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Not reported
Application Date:	11/21/1989
Application Name:	Not reported
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported

VACANT (Continued) **U003906432**

Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	Not reported
UST Close ID:	442
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

125 **JAMIE MALICDEN** **HAZNET** **S118923385**
1069 BOWDOIN ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118923385
Year:	2015
GEPAID:	CAC002821615
Contact:	JAMIE MALICDEN
Telephone:	4153348565
Mailing Name:	Not reported
Mailing Address:	1069 BOWDOIN ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

---

126 **MANCINI & CHRISTIANI** **EDR Hist Auto** **1009068837**
6199 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	MANCINI & CHRISTIANI
Year:	1935
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	BOUQUET SERVICE STATION
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	BOUQUET SERVICE STATION
Year:	1953
Type:	GASOLINE STATIONS
Name:	BOUQUET SERVICE STATION
Year:	1958
Type:	GASOLINE STATIONS

---

126 **BTP 6199 3RD LLC** **HAZNET** **S113150013**
6199 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113150013
Year:	2010
GEPAID:	CAL000325285
Contact:	DENY SEPAHER
Telephone:	3106079244
Mailing Name:	Not reported
Mailing Address:	880 APOLLO ST STE 130

BTP 6199 3RD LLC (Continued) **S113150013**

Mailing City,St,Zip:	EL SEGUNDO, CA 902450000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.153
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113150013
Year:	2010
GEPAID:	CAL000325285
Contact:	DENY SEPAHER
Telephone:	3106079244
Mailing Name:	Not reported
Mailing Address:	880 APOLLO ST STE 130
Mailing City,St,Zip:	EL SEGUNDO, CA 902450000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.153
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113150013
Year:	2010
GEPAID:	CAL000325285
Contact:	DENY SEPAHER
Telephone:	3106079244
Mailing Name:	Not reported
Mailing Address:	880 APOLLO ST STE 130
Mailing City,St,Zip:	EL SEGUNDO, CA 902450000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.153
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113150013
Year:	2009
GEPAID:	CAL000325285
Contact:	BRENT WHEELER
Telephone:	4155121555
Mailing Name:	Not reported
Mailing Address:	880 APOLLO ST STE 130

BTP 6199 3RD LLC (Continued) **S113150013**

Mailing City,St,Zip: EL SEGUNDO, CA 90245
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.68
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113150013
Year: 2009
GEPAID: CAL000325285
Contact: BRENT WHEELER
Telephone: 4155121555
Mailing Name: Not reported
Mailing Address: 880 APOLLO ST STE 130
Mailing City,St,Zip: EL SEGUNDO, CA 90245
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.68
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

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126 **HOWARDS RICHFIELD SERVICE** **EDR Hist Auto** **1009000557**
6199 THIRD ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:
Name: S & S RICHFIELD
Year: 1971
Type: GASOLINE STATIONS

---

126 **MARTINA SEPAHER** **HAZNET** **S112882311**
6199 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S112882311
Year: 2000
GEPAID: CAC001321848
Contact: CATHY KELLER/GOLDENGATE TANK
Telephone: 5105121555
Mailing Name: Not reported
Mailing Address: 284 29TH ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941310000

MARTINA SEPAHER (Continued) **S112882311**

Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112882311
Year: 1999
GEPAID: CAC001321848
Contact: MARTINA SEPAHER
Telephone: 4156411500
Mailing Name: Not reported
Mailing Address: 284 29TH ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941310000
Gen County: Not reported
TSD EPA ID: NVD982358483
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .0959
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112882311
Year: 1999
GEPAID: CAC001321848
Contact: MARTINA SEPAHER
Telephone: 4156411500
Mailing Name: Not reported
Mailing Address: 284 29TH ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941310000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 2.8564
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112882311
Year: 1999
GEPAID: CAC001321848
Contact: MARTINA SEPAHER
Telephone: 4156411500
Mailing Name: Not reported
Mailing Address: 284 29TH ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941310000
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported

MARTINA SEPAHER (Continued) **S112882311**

Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 11.0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

126 **MARTINA SEPAHER/LAUREL REALTY & INVESTME** **HAZNET** **S112920142**
6199 3RD STST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S112920142
Year: 2002
GEPAID: CAC002485375
Contact: KATHY KELLER/GOLDENGATE
Telephone: 4155121555
Mailing Name: Not reported
Mailing Address: 284 29TH ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941310000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 2.68
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

126 **16578 CITY AND COUNTY OF SAN FRANCISCO ENVIRONMENTAL HEALTH** **FINDS** **1014673632**
6199 3RD ST **N/A**
SAN FRANCISCO, CA 94124

FINDS:

Registry ID: 110057043337

Environmental Interest/Information System
STATE MASTER

Registry ID: 110043364819

Environmental Interest/Information System
LEAKING UNDERGROUND STORAGE TANK - ARRA

126 **COMMERCIAL BUILDING** **RGA LUST** **S114605077**
6199 3RD ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	COMMERCIAL BUILDING	6199 3RD ST
2001	COMMERCIAL BUILDING	6199 3RD ST
2000	COMMERCIAL BUILDING	6199 3RD ST

---

126 **MARTINA SEPAHER** **HAZNET** **S112935044**
6199 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112935044
Year:	2007
GEPAID:	CAC002573596
Contact:	MARTINA SEPAHER
Telephone:	6506922255
Mailing Name:	Not reported
Mailing Address:	1236 TOYON DR
Mailing City,St,Zip:	MILL BREA, CA 94030
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.16
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112935044
Year:	2006
GEPAID:	CAC002573596
Contact:	MARTINA SEPAHER
Telephone:	6506922255
Mailing Name:	Not reported
Mailing Address:	1236 TOYON DR
Mailing City,St,Zip:	MILL BREA, CA 94030
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112935044
Year:	2006
GEPAID:	CAC002573596
Contact:	MARTINA SEPAHER
Telephone:	6506922255
Mailing Name:	Not reported
Mailing Address:	1236 TOYON DR
Mailing City,St,Zip:	MILL BREA, CA 94030

MARTINA SEPAHER (Continued) **S112935044**

Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112935044
Year:	2006
GEPAID:	CAC002573596
Contact:	MARTINA SEPAHER
Telephone:	6506922255
Mailing Name:	Not reported
Mailing Address:	1236 TOYON DR
Mailing City,St,Zip:	MILL BREA, CA 94030
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.14
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112935044
Year:	2006
GEPAID:	CAC002573596
Contact:	MARTINA SEPAHER
Telephone:	6506922255
Mailing Name:	Not reported
Mailing Address:	1236 TOYON DR
Mailing City,St,Zip:	MILL BREA, CA 94030
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	0.16
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

126 **COMMERCIAL BUILDING** **HIST CORTESE** **S104566488**
6199 3RD **N/A**
SAN FRANCISCO, CA 94124

HIST CORTESE:
Region: CORTESE
Facility County Code: 38
Reg By: LTNKA
Reg Id: 38-1473

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126 **MARTINA SEPAHER** **HAZNET** **S112925025**
6199 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S112925025
Year: 2007
GEPAID: CAC002556892
Contact: MARTINA SEPAHER
Telephone: 6506922255
Mailing Name: Not reported
Mailing Address: 1236 TOYON DR
Mailing City,St,Zip: MILLBRAE, CA 94030
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112925025
Year: 2003
GEPAID: CAC002556892
Contact: MARTINA SEPAHER
Telephone: 6506922255
Mailing Name: Not reported
Mailing Address: 1236 TOYON DR
Mailing City,St,Zip: MILLBRAE, CA 94030
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112925025
Year: 2003
GEPAID: CAC002556892
Contact: MARTINA SEPAHER
Telephone: 6506922255
Mailing Name: Not reported
Mailing Address: 1236 TOYON DR
Mailing City,St,Zip: MILLBRAE, CA 94030

MARTINA SEPAHER (Continued) **S112925025**

Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112925025
Year: 2002
GEPAID: CAC002556892
Contact: MARTINA SEPAHER
Telephone: 6506922255
Mailing Name: Not reported
Mailing Address: 1236 TOYON DR
Mailing City,St,Zip: MILLBRAE, CA 94030
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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126 **EDR Hist Auto** **1009069320**

6199 3RD ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:
Name: GIANT SERVICE STATION
Year: 1962
Type: GASOLINE STATIONS

Name: C & Z SERVICE
Year: 1966
Type: GASOLINE STATIONS

Name: L & J AUTOMOTIVE
Year: 1999
Address: 6199 3RD ST

Name: L & J AUTOMOTIVE
Year: 2000
Address: 6199 3RD ST

Name: L & J AUTOMOTIVE
Year: 2001
Address: 6199 3RD ST

Name: L & J AUTOMOTIVE
Year: 2002
Address: 6199 3RD ST

Name: L & J AUTOMOTIVE

(Continued) **1009069320**

Year: 2003
Address: 6199 3RD ST

Name: L & J AUTOMOTIVE
Year: 2004
Address: 6199 3RD ST

Name: L & J AUTOMOTIVE
Year: 2005
Address: 6199 3RD ST

Name: L & J AUTOMOTIVE
Year: 2006
Address: 6199 3RD ST

Name: L & J AUTOMOTIVE
Year: 2007
Address: 6199 3RD ST

Name: L & J AUTOMOTIVE
Year: 2008
Address: 6199 3RD ST

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127 **LJL MORTGAGE POOL** **HAZNET** **S113779184**
208 OLMSTEAD ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S113779184
Year: 2012
GEPAID: CAC002692929
Contact: CHRISTIAN CLARK
Telephone: 8588882585
Mailing Name: Not reported
Mailing Address: 8880 SAN DIEGO DR
Mailing City,St,Zip: SAN DIEGO, CA 92108
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

128 **COMMERCIAL** **LUST** **S105688799**
6199 03RD ST. **N/A**
SAN FRANCISCO, CA 94131

LUST:

Region:	STATE
Global Id:	T0607501357
Latitude:	37.722366
Longitude:	-122.395512
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	02/10/2011
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	SC
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-1473
LOC Case Number:	11324
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Heating Oil / Fuel Oil
Site History:	Site Impacted by 6201 3rd Street. MW-3 on site to be come part of 6201 3rd St. gw monitoring.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607501357
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0607501357
Contact Type:	Local Agency Caseworker
Contact Name:	STEPHANIE CUSHING
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET #210
City:	SAN FRANCISCO
Email:	stephanie.cushing@sfdph.org
Phone Number:	Not reported

Status History:

Global Id:	T0607501357
Status:	Open - Case Begin Date
Status Date:	11/02/1999

Global Id:	T0607501357
Status:	Open - Site Assessment
Status Date:	11/09/1999

Global Id:	T0607501357
Status:	Open - Site Assessment
Status Date:	05/23/2001

Global Id:	T0607501357
Status:	Open - Site Assessment

COMMERCIAL (Continued) **S105688799**

Status Date: 12/04/2001

Global Id: T0607501357
Status: Open - Site Assessment
Status Date: 12/09/2002

Global Id: T0607501357
Status: Open - Site Assessment
Status Date: 06/30/2003

Global Id: T0607501357
Status: Open - Site Assessment
Status Date: 07/10/2003

Global Id: T0607501357
Status: Completed - Case Closed
Status Date: 02/10/2011

Regulatory Activities:

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 07/28/2008
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 08/20/2008
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 11/02/2010
Action: Staff Letter

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 02/20/2009
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 12/12/2008
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 05/20/2009
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 05/19/2009
Action: File review

Global Id: T0607501357
Action Type: Other
Date: 11/02/1999

COMMERCIAL (Continued) **S105688799**

Action: Leak Stopped

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 10/31/2010
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 07/08/2008
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 07/08/2008
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 04/08/2009
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 05/20/2009
Action: Staff Letter

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 11/13/2009
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 09/27/2009
Action: File review

Global Id: T0607501357
Action Type: REMEDIATION
Date: 11/02/1999
Action: Excavation

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 06/06/2003
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 12/01/1999
Action: Notice of Responsibility

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 02/02/2004
Action: File review

COMMERCIAL (Continued) **S105688799**

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 05/01/2003
Action: Staff Letter

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 11/13/2009
Action: Staff Letter

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 12/03/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0607501357
Action Type: Other
Date: 11/02/1999
Action: Leak Reported

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 09/16/2003
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 10/11/2005
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 02/10/2011
Action: Closure/No Further Action Letter

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 02/10/2011
Action: State Water Board Closure Order - #11324

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 07/19/2004
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 07/20/2004
Action: Staff Letter

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 04/11/2008
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT

COMMERCIAL (Continued) **S105688799**

Date: 06/28/2005
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 01/31/2006
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 02/22/2007
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 11/29/2006
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 11/21/2007
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 11/21/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 09/07/2010
Action: LOP Case Closure Summary to RB

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 06/13/2007
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 03/12/2008
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 10/02/2007
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 08/16/2007
Action: File review

Global Id: T0607501357
Action Type: ENFORCEMENT
Date: 10/11/2010
Action: Staff Letter

COMMERCIAL (Continued) **S105688799**

Global Id: T0607501357
Action Type: Other
Date: 11/02/1999
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: 38-1473
Facility Status: Pollution Characterization
Case Number: 11324
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: 11/9/1999
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 5/23/2001
Preliminary Site Assesment Began: 12/4/2001
Pollution Characterization Began: 7/10/2003
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN FRANCISCO CO. LUST:
Region: SAN FRANCISCO
Facility ID: 38-1473
Facility Status: Leak being confirmed
Case Number: 11324
Case Type: Other ground water affected
Release Date: Not reported
Discovered Date: 11/2/1999
Substance: Heater Fuel
Substance Qty: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Report Date: 11/9/1999
Case Closed: Not reported
Closed Date: Not reported
Leak Source: Tank
Leak Cause: Corrosion
Leak Confirmed: 11/2/1999
Entered Date: 12/1/1999
Number of Wells: Not reported
Regional Board: San Francisco Bay Region
Local Agency: 38000
Lead Agency: Local Agency
Program: LOP
Responsible Party: Not reported
RP Address: Not reported
Operator: James Appenrodt
Staff Initial: VP
Facility Staff: SC
Cross Street: Gilman
NOR Date: 12/1/1999
MTBE Current: 3/19/2002
MTBE Current Date: 10/19/1999

COMMERCIAL (Continued) **S105688799**

MTBE:	YES
Maximum MTBE Soil:	0.05
Maximum MTBE GW:	Not reported
MTBE DATE:	10/19/1999
Review Date:	9/12/2002
Workplan Submitted:	Not reported
Assessment Underway:	12/10/2001
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	No
Priority:	Moderate Priority Site
Abatement:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Enforcement Type:	NOR
Enforcement Due Date:	12/1/1999
Basin:	ISLAIS
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	11/2/1999
Free Product:	Not reported
Depth to Grnd Wtr:	10.9-13.3
Gradient:	0.024 N-NE
Benzene:	Not reported
Primary Substance:	Fuel Oil Nos. 1-6
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	YES
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	YES
Max TPH GW:	Not reported
Max TPH Soil:	12
TPH Date:	10/19/1999
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	6/17/2002
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

129 **ROMAN PETRY** **HAZNET** **S118934796**
232 OLMSTEAD ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118934796
Year:	2015
GEPAID:	CAC002838714
Contact:	ROMAN PETRY
Telephone:	4802774765
Mailing Name:	Not reported
Mailing Address:	232 OLMSTEAD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341940
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

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130 **ESCOBAR ALBT** **EDR Hist Auto** **1009068704**
6206 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	ESCOBAR ALBT
Year:	1930
Type:	AUTOMOBILE REPAIRING
Name:	BROOKS WM
Year:	1940
Type:	AUTOMOBILE REPAIRING

---

131 **TUCKER S SIGNAL SERVICE** **EDR Hist Auto** **1009068886**
6201 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	TOFFOLI PETER
Year:	1935
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MARACCINI WM
Year:	1940
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	TUCKER S SIGNAL SERVICE
Year:	1953
Type:	GASOLINE STATIONS
Name:	SIMS SIGNAL SERVICE STATION
Year:	1958
Type:	GASOLINE STATIONS

131 **MOHAMMED & ANNA IQBAL** **HAZNET** **S112935809**
6201 3RD ST **EMI** **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S112935809
Year:	2004
GEPAID:	CAC002574777
Contact:	MOHAMMED & ANNA IQBAL
Telephone:	4158229477
Mailing Name:	Not reported
Mailing Address:	15278 FRAZIER HWY
Mailing City,St,Zip:	SURREY, BC, CN V3R3P4
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	8.46
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

EMI:

Year:	2014
County Code:	38
Air Basin:	SF
Facility ID:	22231
Air District Name:	BA
SIC Code:	4899
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000741409
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002238899
NOX - Oxides of Nitrogen Tons/Yr:	0.010298466
SOX - Oxides of Sulphur Tons/Yr:	4.774e-006
Particulate Matter Tons/Yr:	0.000147076
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000141193

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131 **FORMER AUTO REPAIR FACILITY** **LUST** **S106448002**
6201 3RD STREET **N/A**
SAN FRANCISCO, CA 94124

LUST REG 2:

Region:	2
Facility Id:	38-2285
Facility Status:	Leak being confirmed
Case Number:	11624
How Discovered:	Tank Closure
Leak Cause:	Corrosion
Leak Source:	Tank
Date Leak Confirmed:	5/5/2004
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported

FORMER AUTO REPAIR FACILITY (Continued) **S106448002**

Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

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131 **FORMER AUTO REPAIR FACILITY** **RGA LUST** **S114621949**
6201 3RD STREET **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	FORMER AUTO REPAIR FACILITY	6201 3RD STREET
2011	FORMER AUTO REPAIR FACILITY	6201 3RD STREET
2010	FORMER AUTO REPAIR FACILITY	6201 3RD STREET
2009	FORMER AUTO REPAIR FACILITY	6201 3RD STREET
2008	FORMER AUTO REPAIR FACILITY	6201 3RD STREET
2007	FORMER AUTO REPAIR FACILITY	6201 3RD STREET
2006	FORMER AUTO REPAIR FACILITY	6201 3RD STREET
2005	FORMER AUTO REPAIR FACILITY	6201 3RD STREET
2004	FORMER AUTO REPAIR FACILITY	6201 3RD STREET

---

131 **OBIE S OLYMPIC STATION** **EDR Hist Auto** **1009003544**
6201 3RD ST **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name: OLIVER S ENCO SERVICE
Year: 1971
Type: GASOLINE STATIONS

Name: OLIVER S ENCO SERVICE
Year: 1971
Type: GASOLINE STATIONS

Name: TOBIE S OLYMPIC STATION
Year: 1977
Type: GASOLINE STATIONS

Name: OBIE S OLYMPIC STATION
Year: 1977
Type: GASOLINE STATIONS

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131 **FORMER AUTO REPAIR FACILITY** **LUST** **S108214209**
6201 3RD STREET **N/A**
SAN FRANCISCO, CA 94124

LUST:

Region:	STATE
Global Id:	T0607539961
Latitude:	37.7224771680949
Longitude:	-122.395935058594
Case Type:	LUST Cleanup Site
Status:	Open - Eligible for Closure
Status Date:	07/24/2013
Lead Agency:	SAN FRANCISCO COUNTY LOP
Case Worker:	MA
Local Agency:	SAN FRANCISCO COUNTY LOP
RB Case Number:	38-2285

FORMER AUTO REPAIR FACILITY (Continued) **S108214209**

LOC Case Number: 11624
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0607539961
Contact Type: Local Agency Caseworker
Contact Name: MAMDOUH AWWAD
Organization Name: SAN FRANCISCO COUNTY LOP
Address: 1390 MARKET STREET, #210
City: SAN FRANCISCO
Email: mamdouh.awwad@sfdph.org
Phone Number: Not reported

Status History:
Global Id: T0607539961
Status: Open - Case Begin Date
Status Date: 05/05/2004

Global Id: T0607539961
Status: Open - Site Assessment
Status Date: 05/05/2004

Global Id: T0607539961
Status: Open - Remediation
Status Date: 12/21/2007

Global Id: T0607539961
Status: Open - Eligible for Closure
Status Date: 07/24/2013

Regulatory Activities:
Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 07/14/2008
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 07/10/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 08/19/2008
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/18/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0607539961

FORMER AUTO REPAIR FACILITY (Continued) **S108214209**

Action Type: ENFORCEMENT
Date: 08/21/2009
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 09/18/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/17/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/12/2008
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 10/31/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607539961
Action Type: Other
Date: 05/05/2004
Action: Leak Discovery

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 05/29/2009
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 05/29/2009
Action: Meeting

Global Id: T0607539961
Action Type: Other
Date: 05/05/2004
Action: Leak Stopped

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/03/2010
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 08/21/2009
Action: Meeting

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 08/21/2009

FORMER AUTO REPAIR FACILITY (Continued) **S108214209**

Action: Complaint

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 09/13/2009
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 10/19/2009
Action: Meeting

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 10/19/2009
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 10/20/2009
Action: Meeting

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/13/2009
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/16/2009
Action: Meeting

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/16/2009
Action: Meeting

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/17/2009
Action: Meeting

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/16/2009
Action: Meeting

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/16/2009
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/16/2009
Action: Meeting

FORMER AUTO REPAIR FACILITY (Continued) **S108214209**

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 02/05/2010
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 04/25/2010
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 04/25/2010
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 03/25/2010
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 03/26/2010
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 12/03/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 08/11/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 01/29/2015
Action: File Review - Closure

Global Id: T0607539961
Action Type: Other
Date: 06/21/2004
Action: Leak Reported

Global Id: T0607539961
Action Type: RESPONSE
Date: 08/08/2014
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 07/21/2004
Action: Meeting

Global Id: T0607539961
Action Type: ENFORCEMENT

FORMER AUTO REPAIR FACILITY (Continued) **S108214209**

Date: 07/18/2005
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 07/18/2005
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 12/06/2010
Action: Site Visit / Inspection / Sampling

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 04/21/2010
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 04/21/2010
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 07/21/2010
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 02/13/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 04/13/2015
Action: Other Report - #11624

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 06/21/2004
Action: Notice of Responsibility

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/29/2004
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/29/2004
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 04/08/2011
Action: Staff Letter

FORMER AUTO REPAIR FACILITY (Continued) **S108214209**

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 08/12/2011
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 08/08/2011
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 12/16/2010
Action: Site Visit / Inspection / Sampling

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 12/17/2010
Action: Staff Letter

Global Id: T0607539961
Action Type: REMEDIATION
Date: 05/05/2004
Action: Excavation

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 01/29/2007
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 10/12/2011
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 01/27/2011
Action: Site Visit / Inspection / Sampling

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 10/04/2011
Action: Meeting

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 04/08/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 02/13/2008
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT

FORMER AUTO REPAIR FACILITY (Continued) **S108214209**

Date: 10/18/2007
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 03/07/2008
Action: File review

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 03/07/2008
Action: Verbal Communication

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 11/04/2011
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 05/04/2011
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 10/31/2011
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 12/19/2011
Action: Staff Letter - #11624

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 02/01/2012
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 04/11/2012
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 07/26/2013
Action: Staff Letter

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 07/25/2013
Action: File Review - Closure

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 01/28/2013
Action: Staff Letter

FORMER AUTO REPAIR FACILITY (Continued) **S108214209**

Global Id: T0607539961
Action Type: ENFORCEMENT
Date: 06/20/2012
Action: Staff Letter

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132 **TAMBOURI & CO AUTO CLINIC** **EDR Hist Auto** **1009000473**
3154 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: TAMBOURI & CO AUTO CLINIC
Year: 1977
Type: AUTOMOBILE REPAIRING

Name: TAMBOURI & CO AUTO CLINIC
Year: 1977
Type: AUTOMOBILE REPAIRS

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133 **BEL MAR CLEANERS** **EDR Hist Cleaner** **1009179229**
6220 3RD **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:
Name: BEL MAR CLEANERS
Year: 1962
Type: CLEANERS AND DYERS

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133 **BEL-MAR CLEANERS** **EDR Hist Cleaner** **1009179094**
6220 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:
Name: ZUMPANO VICTOR
Year: 1940
Type: CLOTHES PRESSERS AND CLEANERS

Name: ZICKEL MARIE
Year: 1944
Type: CLOTHES-PRESSERS AND CLEANERS

Name: BEL-MAR CLEANERS
Year: 1953
Type: CLEANERS AND DYERS

Name: BEL-MAR CLEANERS
Year: 1958
Type: CLEANERS AND DYERS

133 **ZICKEL DINA MRS** **EDR Hist Cleaner** **1009180646**
6222 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	ZICKEL DINA MRS
Year:	1949
Type:	CLEANERS AND DYERS

---

134 **ESTHER GALLEGOS** **HAZNET** **S112982478**
668 COLBY ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112982478
Year:	2011
GEPAID:	CAC002661364
Contact:	ESTHER GALLEGOS
Telephone:	4157138306
Mailing Name:	Not reported
Mailing Address:	668 COLBY ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Household waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0475
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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135 **DAVID FROEHLICH** **HAZNET** **S118225258**
55 EXETER ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S118225258
Year:	2014
GEPAID:	CAC002790301
Contact:	DAVID FROEHLICH
Telephone:	4154655789
Mailing Name:	Not reported
Mailing Address:	55 EXETER ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

136 **BOZIOS JAS** **EDR Hist Cleaner** **1009128351**
75 CRANE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	BOZIOS JAS
Year:	1930
Type:	CLOTHES PRESSERS AND CLEANER

---

137 **VIVIAN JONES** **HAZNET** **S117306983**
1355 GILMAN AVE **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S117306983
Year:	2013
GEPAID:	CAC002752375
Contact:	VIVIAN JONES
Telephone:	5107270547
Mailing Name:	Not reported
Mailing Address:	1355 GILMAN AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	San Francisco
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.125
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

---

138 **CAROLYN DAVIS** **HAZNET** **S113778228**
70 GOULD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:

envid:	S113778228
Year:	2012
GEPAID:	CAC002691728
Contact:	CAROLYN DAVIS
Telephone:	4159999416
Mailing Name:	Not reported
Mailing Address:	70 GOULD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

139 **J & L CLEANERS** **EDR Hist Cleaner** **1009132450**
6256 3RD ST **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	J & L CLEANERS
Year:	1971
Type:	CLEANERS AND DYERS
Name:	J & L CLEANERS
Year:	1971
Type:	CLEANERS AND DYERS
Name:	J & L CLEANERS
Year:	1977
Type:	CLEANERS AND DYERS
Name:	J & L CLEANERS
Year:	1982
Type:	CLEANERS AND DYERS
Name:	J & L CLEANERS
Year:	1982
Type:	CLEANERS AND DYERS

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139 **J & L CLEANERS** **EDR Hist Cleaner** **1009180318**
6256 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	SMITH B W
Year:	1949
Type:	CLEANERS AND DYERS
Name:	J & L CLEANERS
Year:	1953
Type:	CLEANERS AND DYERS
Name:	J & L CLEANERS
Year:	1958
Type:	CLEANERS AND DYERS

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139 **ECONOWASH LAUNDRY MAT** **EDR Hist Cleaner** **1009132174**
6246 3RD ST **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	ECON-O-WASH
Year:	1971
Type:	LAUNDRIES-SELF SERVE
Name:	ECONOWASH LAUNDRY MAT
Year:	1977
Type:	LAUNDRIES SELF SERVE
Name:	ECONOWASH LAUNDRY MAT
Year:	1977
Type:	LAUNDRIES-SELF SERVE

ECONOWASH LAUNDRY MAT (Continued) **1009132174**

Name: ECONOWASH LAUNDRY MAT
Year: 1982
Type: LAUNDRIES-SELF SERVE

Name: ECONOWASH LAUNDRY MAT
Year: 1982
Type: LAUNDRIES SELF SERVE

---

140 **MATT & DAWN WEBB** **HAZNET** **S118935025**
865 DWIGHT ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S118935025
Year: 2015
GEPAID: CAC002839073
Contact: MATT & DAWN WEBB
Telephone: 4157226486
Mailing Name: Not reported
Mailing Address: 865 DWIGHT ST
Mailing City,St,Zip: SAN FRANCISCO, CA 94134
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.23
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Francisco

---

141 **ERNS** **2011978686**
3207 SAN BRUNO AVE. **N/A**
SAN FRANCISCO, CA 94134

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

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141 **CHMIRS** **S111755452**
3207 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

CHMIRS:
OES Incident Number: 1-3359
OES notification: 06/04/2011
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported

(Continued) **S111755452**

Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Residence
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Lbs.
Other:	Not reported
Date/Time:	2108
Year:	2011
Agency:	NRC
Incident Date:	6/4/2011
Admin Agency:	San Francisco County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Natural Gas
Quantity Released:	unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported

(Continued) **S111755452**

Comments: Not reported
Description: From NRC Report: CALLER IS REPORTING THAT NATURAL GAS RELEASED FROM A GAS METER SET ON AT AN VACANT APARTMENT FLAT DUE TO A CAR COLLISION DAMAGING THE METER. THE DRIVER OF THE VEHICLE WAS TRANSPORTED TO LOCAL HOSPITAL (EXTENT OF INJURIES ARE UNKNOWN). GAS WAS SHUT OFF BY THE FIRE DEPT. CALLER STATED THAT HE WILL NOTIFY THE PUC.

---

142 **AUTOMATIC HOME LAUNDRY** **EDR Hist Cleaner** **1009179535**
6279 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:
Name: AUTOMATIC HOME LAUNDRY
Year: 1949
Type: LAUNDRIES-HAND

---

143 **CLEAR CHANNEL OUTDOOR INC** **HAZNET** **S112954550**
3275 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112954550
Year: 2006
GEPAID: CAC002605368
Contact: CURTIS JENSEN
Telephone: 5108355900
Mailing Name: Not reported
Mailing Address: 3275 SAN BRUNO AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941342012
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 1.5
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

144 **EDR Hist Auto** **1015171144**
1162 INGERSON AVE **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:
Name: PAK AUTO REPAIR AND BODY SHOP
Year: 2005
Address: 1162 INGERSON AVE

Name: PAK AUTO REPAIR & BODY SHOP
Year: 2008
Address: 1162 INGERSON AVE

Name: PAK AUTO REPAIR & BODY SHOP

(Continued) **1015171144**

Year: 2009
Address: 1162 INGERSON AVE

---

145 **DEWEY PEST CONTROL** **RCRA-SQG** **1000226184**
6300 3RD STREET **FINDS** **CAD981430879**
SAN FRANCISCO, CA 94124 **ECHO**

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: DEWEY PEST CONTROL
Facility address: 6300 3RD STREET
SAN FRANCISCO, CA 94124
EPA ID: CAD981430879
Mailing address: 3711 BEVERLY BLVD
LOS ANGELES, CA 90004
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DEWEY SERVICE INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

DEWEY PEST CONTROL (Continued) **1000226184**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/03/1986
Site name: DEWEY PEST CONTROL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002702932

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:
Envid: 1000226184
Registry ID: 110002702932
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002702932

---

145 **CARROLL S TEXACO SERVICE STATION** **EDR Hist Auto** **1009000233**
6300 3RD ST **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: DOUGLAS COMMUNITY SERVICE STATION
Year: 1971
Type: GASOLINE STATIONS

Name: DOUGLAS COMMUNITY SERVICE STATION
Year: 1971
Type: GASOLINE STATIONS

Name: CARROLL S TEXACO SERVICE STATION
Year: 1977
Type: GASOLINE STATIONS

Name: CARROLL S TEXACO SERVICE STATION
Year: 1977
Type: GASOLINE STATIONS

145 **JEOFFREY D VITUG** **PEST LIC** **S118398790**
6300 3RD ST **N/A**
SAN FRANCISCO, CA 94124

PEST LIC:
Facility Type: QAL
Categories: AB
License No: 129106
Issued or Renewed Date: 01/01/2016
Expiration Date: 12/31/2017

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146 **CORA MAYS** **HAZNET** **S118909797**
920 GOETTINGEN ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S118909797
Year: 2015
GEPAID: CAC002801139
Contact: CORA MAYS
Telephone: 2052806110
Mailing Name: Not reported
Mailing Address: 102 MAYS CT
Mailing City,St,Zip: VERBENA, AL 360912814
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.46
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Francisco

---

147 **A & K MOTORS** **EDR Hist Auto** **1009001133**
3284 SAN BRUNO AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: A & K MOTORS
Year: 1953
Type: AUTOMOBILE REPAIRING

Name: A & K MOTORS
Year: 1953
Type: AUTOMOBILE REPAIRING

Name: A & K MOTORS
Year: 1958
Type: AUTOMOBILE REPAIRING

Name: A & K MOTORS
Year: 1958
Type: AUTOMOBILE REPAIRING

Name: A & K MOTORS

A & K MOTORS (Continued) **1009001133**

Year: 1962
Type: AUTOMOBILE REPAIRING

Name: A&K MOTORS
Year: 1962
Type: AUTOMOBILE REPAIRING

Name: A & K MOTORS
Year: 1966
Type: AUTOMOBILE REPAIRING

Name: A & K MOTORS
Year: 1966
Type: AUTOMOBILE REPAIRING

Name: MOQUIN ED
Year: 1977
Type: AUTOMOBILE REPAIRING

Name: MOQUIN ED
Year: 1977
Type: AUTOMOBILE REPAIRING

Name: MOQUIN EDMUND E
Year: 1982
Type: AUTOMOBILE REPAIRING

Name: MOQUIN EDMUND E
Year: 1982
Type: AUTOMOBILE REPAIRING

---

148 **WOODROW WILSON HIGH** **HIST CORTESE S103657302**
400 MANSELL STREET **LUST N/A**
SAN FRANCISCO, CA 94134

HIST CORTESE:
Region: CORTESE
Facility County Code: 38
Reg By: LTNKA
Reg Id: 38-0659

LUST:
Region: STATE
Global Id: T0607500578
Latitude: 37.7206315
Longitude: -122.4050707
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/11/1996
Lead Agency: SAN FRANCISCO COUNTY LOP
Case Worker: SC
Local Agency: SAN FRANCISCO COUNTY LOP
RB Case Number: 38-0659
LOC Case Number: 10515
File Location: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel

WOODROW WILSON HIGH (Continued) **S103657302**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0607500578
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0607500578
Contact Type:	Local Agency Caseworker
Contact Name:	STEPHANIE CUSHING
Organization Name:	SAN FRANCISCO COUNTY LOP
Address:	1390 MARKET STREET #210
City:	SAN FRANCISCO
Email:	stephanie.cushing@sfdph.org
Phone Number:	Not reported

Status History:

Global Id:	T0607500578
Status:	Open - Case Begin Date
Status Date:	08/28/1995

Global Id:	T0607500578
Status:	Completed - Case Closed
Status Date:	03/11/1996

Regulatory Activities:

Global Id:	T0607500578
Action Type:	Other
Date:	01/02/1965
Action:	Leak Reported

Global Id:	T0607500578
Action Type:	Other
Date:	08/28/1995
Action:	Leak Discovery

---

148 **CHMIRS** **S105630120**

400 MANSELL AVE WOODROW WILSON HIGH SCHOOL **N/A**
SAN FRANCISCO, CA 94124

CHMIRS:

OES Incident Number:	0443
OES notification:	Not reported
OES Date:	9/22/1993
OES Time:	08:35:45 PM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported

(Continued) **S105630120**

Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	NO
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	OTHER
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	san francisco fd
Incident Date:	0958/22 sep
Admin Agency:	Not reported
Amount:	unknown
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	odor
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	students smelled something and fire dept called

(Continued) **S105630120**

to investigate. investigation of odor still pending. 34 students transported, eye irration etc.

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148 **ASBESTOS CONTROL PROGRAM** **HAZNET** **S113014830**
400 MANSELL ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113014830
Year:	2015
GEPAID:	CAD982337610
Contact:	JAIME SEBASTIAN
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE, ROOM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	11.5
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

envid:	S113014830
Year:	2015
GEPAID:	CAD982337610
Contact:	JAIME SEBASTIAN
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE, ROOM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	49.68
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

envid:	S113014830
Year:	2015
GEPAID:	CAD982337610
Contact:	JAIME SEBASTIAN
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE, ROOM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco

ASBESTOS CONTROL PROGRAM (Continued) **S113014830**

TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Polychlorinated biphenyls and material containing PCBs
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.04
Cat Decode:	Polychlorinated biphenyls and material containing PCBs
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

envid:	S113014830
Year:	2015
GEPAID:	CAD982337610
Contact:	JAIME SEBASTIAN
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE, ROOM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Not reported
Tons:	13.8
Cat Decode:	Asbestos containing waste
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113014830
Year:	2014
GEPAID:	CAD982337610
Contact:	JAIME SEBASTIAN
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941025207
Gen County:	San Francisco
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Laboratory waste chemicals
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0155
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
59 additional CA_HAZNET: record(s) in the EDR Site Report.

148 **SFUSD/#884 -**
400 MANSELL ST
, CA

UST **U003937063**
N/A

SAN FRANCISCO CO. UST:

Facility ID:	11837
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	1741 Leslie Street
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Semco
Application Date:	8/18/1995
Application Name:	Bonnie Titus
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	8/25/1995
UST Close ID:	2139
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported

SFUSD/#884 - (Continued) **U003937063**

Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	4/3/1996
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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148 **WOODROW WILSON HIGH SCHOOL** **RGA LUST** **S114723052**
400 MANSELL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

1998	WOODROW WILSON HIGH SCHOOL	400 MANSELL ST
1997	WOODROW WILSON HIGH SCHOOL	400 MANSELL ST
1996	WOODROW WILSON HIGH SCHOOL	400 MANSELL ST

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148 **WOODROW WILSON HIGH** **RGA LUST** **S114723053**
400 MANSELL STREET **N/A**
SAN FRANCISCO, CA

RGA LUST:

2012	WOODROW WILSON HIGH	400 MANSELL STREET
2011	WOODROW WILSON HIGH	400 MANSELL STREET
2010	WOODROW WILSON HIGH	400 MANSELL STREET
2009	WOODROW WILSON HIGH	400 MANSELL STREET
2008	WOODROW WILSON HIGH	400 MANSELL STREET
2007	WOODROW WILSON HIGH	400 MANSELL STREET
2006	WOODROW WILSON HIGH	400 MANSELL STREET
2005	WOODROW WILSON HIGH	400 MANSELL STREET
2004	WOODROW WILSON HIGH	400 MANSELL STREET
2003	WOODROW WILSON HIGH	400 MANSELL STREET

148 **WOODROW WILSON HIGH** **LUST** **S103396101**
400 MANSELL STREET **N/A**
SAN FRANCISCO, CA 94134

LUST REG 2:

Region:	2
Facility Id:	38-0659
Facility Status:	Case Closed
Case Number:	10515
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SAN FRANCISCO CO. LUST:

Region:	SAN FRANCISCO
Facility ID:	38-0659
Facility Status:	Case Closed
Case Number:	10515
Case Type:	Other ground water affected
Release Date:	8/28/1995
Discovered Date:	8/28/1995
Substance:	Diesel
Substance Qty:	Not reported
How Discovered:	Not reported
How Stopped:	Remove Contents
Report Date:	8/28/1995
Case Closed:	3/11/1996
Closed Date:	3/11/1996
Leak Source:	Tank
Leak Cause:	Overfill
Leak Confirmed:	Not reported
Entered Date:	8/28/1995
Number of Wells:	Not reported
Regional Board:	San Francisco Bay Region
Local Agency:	38000
Lead Agency:	Local Agency
Program:	LOP
Responsible Party:	Not reported
RP Address:	Not reported
Operator:	Not reported
Staff Initial:	VP
Facility Staff:	SC
Cross Street:	OLMSTEAD ST
NOR Date:	8/28/1995
MTBE Current:	Not reported
MTBE Current Date:	Not reported
MTBE:	NT
Maximum MTBE Soil:	Not reported
Maximum MTBE GW:	Not reported
MTBE DATE:	Not reported
Review Date:	Not reported

WOODROW WILSON HIGH (Continued) **S103396101**

Workplan Submitted:	9/8/1995
Assessment Underway:	Not reported
Pollution Characterization:	Not reported
Corrective Action Plan:	Not reported
Remediation Underway:	Not reported
Monitoring Begun:	Not reported
Funding:	Federal
Interim Remediation:	Not reported
Priority:	Not reported
Abatement:	Not reported
Enforcement Type:	NOR
Enforcement Due Date:	Not reported
Basin:	South Basin
Beneficial Use:	No
Lat/Long:	Not reported
CUFID:	Not reported
Suspended:	No
Stopped Date:	Not reported
Free Product:	No
Depth to Grnd Wtr:	Not reported
Gradient:	Not reported
Benzene:	Not reported
Primary Substance:	Diesel fuel oil
Enforcement Type:	Not reported
Amount of Free Produce:	Not reported
Benzene Test:	Not reported
Maximum Soil GW:	Not reported
Max Soil Concentration:	Not reported
TPH Tested:	Not reported
Max TPH GW:	Not reported
Max TPH Soil:	Not reported
TPH Date:	Not reported
Block:	Not reported
Lot:	Not reported
Notify:	False
TPH Current:	Not reported
TPH Current Date:	Not reported
Grnd Wtr Qualifier:	Not reported
Soil Qualifier:	Not reported
Comments:	Not reported
Summary:	Not reported

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148 **SFUSD PHILIP BURTON HS** **RGA LUST** **S114685440**
400 MANSELL ST **N/A**
SAN FRANCISCO, CA

RGA LUST:

2002	SFUSD PHILIP BURTON HS	400 MANSELL ST
2001	SFUSD PHILIP BURTON HS	400 MANSELL ST
2000	SFUSD PHILIP BURTON HS	400 MANSELL ST

149 **EDR Hist Auto** **1015585298**
6335 3RD ST **N/A**
SAN FRANCISCO, CA 94124

EDR Historical Auto Stations:
Name: PAK AUTO REPAIR & BODY SERVICE
Year: 2008
Address: 6335 3RD ST

---

149 **THIRD STREET CLEANERS** **EDR Hist Cleaner** **1009180899**
6319 3D **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:
Name: THIRD STREET CLEANERS
Year: 1953
Type: CLEANERS AND DYERS

---

150 **MICHAEL MCCARTHY** **HAZNET** **S118214103**
956 GOETTINGEN ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S118214103
Year: 2014
GEPAID: CAC002775666
Contact: MICHAEL MCCARTHY
Telephone: 4158105153
Mailing Name: Not reported
Mailing Address: 956 GOETTINGEN ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941342114
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

151 **SMITH, GREGORY** **HAZNET** **S117291677**
1015 GIRARD ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S117291677
Year: 2013
GEPAID: CAC002729725
Contact: SMITH, GREGORY
Telephone: 4154677487
Mailing Name: Not reported
Mailing Address: 1015 GIRARD ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941342109
Gen County: San Francisco
TSD EPA ID: CAD981382732

SMITH, GREGORY (Continued) **S117291677**

TSD County: Alameda
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

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152 **ALBERT, DOREPHA** **HAZNET** **S117296290**
825 UNIVERSITY ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S117296290
Year: 2013
GEPAID: CAC002736851
Contact: ALBERT, DOREPHA
Telephone: 4152397139
Mailing Name: Not reported
Mailing Address: 825 UNIVERSITY ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941341843
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

---

153 **GEORGE WONG** **HAZNET** **S118931197**
857 COLBY ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S118931197
Year: 2015
GEPAID: CAC002833181
Contact: GEORGE
Telephone: 4153333643
Mailing Name: Not reported
Mailing Address: 232 PARIS ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941122023
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.46
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

GEORGE WONG (Continued) **S118931197**

Facility County: San Francisco

---

154 **PRESIDIO OF SAN FRANCISCO - PRESIDIO OF SAN FRANCISCO- UST 1** **MCS** **S109289640**
1030 GIRARD STREET **N/A**
SAN FRANCISCO, CA 94129

MCS:

Global Id:	T0608592292
Latitude:	37.80183
Longitude:	-122.4533
Case Type:	Military Privatized Site
Status:	Completed - Case Closed
Status Date:	11/09/2010
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Caseworker:	AF
Local Agency:	Not reported
RB Case Number:	38D9298
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Soil
EDR Link ID:	T0608592292
Potential Contaminants of Concern:	Heating Oil / Fuel Oil
Site History:	650-gallon fuel oil UST removed by the Army in July 1996.

Click here to access the California GeoTracker records for this facility:

---

155 **STEVEN TONG** **HAZNET** **S118913398**
820 MANSELL ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118913398
Year:	2015
GEPAID:	CAC002806635
Contact:	STEVEN TONG
Telephone:	4155872935
Mailing Name:	Not reported
Mailing Address:	820 MANSELL ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941341856
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.46
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

156 **SEARS HOME IMPROVEMENT PRODUCTS** **FINDS** **1017379521**
15 MILL STREET **N/A**
SAN FRANCISCO, CA 94134

FINDS:

Registry ID: 110062632815

Environmental Interest/Information System
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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156 **ERNS** **2000547017**
1/4 MILE UPRIVER **N/A**
SAN FRANCISCO, CA

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

---

156 **ERNS** **2009920305**
1/4 MILE OFF AQUATIC PARK **N/A**
SAN FRANCISCO, CA

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

---

157 **EDR Hist Auto** **1015123436**
1008 GOETTINGEN ST **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:
Name: J TECH AUTO
Year: 2007
Address: 1008 GOETTINGEN ST

Name: J TECH AUTO
Year: 2008
Address: 1008 GOETTINGEN ST

158 **QUIN QING ZHAO** **HAZNET** **S117295675**
1056 GIRARD ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S117295675
Year:	2013
GEPAID:	CAC002735950
Contact:	QUIN QING ZHAO
Telephone:	4152976393
Mailing Name:	Not reported
Mailing Address:	1056 GIRARD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941342110
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

---

159 **ROSS FUJIMOTO** **HAZNET** **S118925927**
1027 GOETTINGEN ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118925927
Year:	2015
GEPAID:	CAC002825383
Contact:	ROSS FUJIMOTO
Telephone:	4152857777
Mailing Name:	Not reported
Mailing Address:	2012 HANALIMA PL
Mailing City,St,Zip:	HONOLULU, HI 96817
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

160 **MARIANA FOLBERG** **HAZNET** **S118931129**
327 ORDWAY ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118931129
Year:	2015
GEPAID:	CAC002833080
Contact:	MARIANA FOLBERG
Telephone:	4153210858
Mailing Name:	Not reported
Mailing Address:	327 ORDWAY ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

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161 **CHMIRS** **S109043237**
LE CONTE & 3RD ST. **N/A**
SAN FRANCISCO, CA

CHMIRS:

OES Incident Number:	6-4272
OES notification:	07/20/2006
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported

(Continued) **S109043237**

Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2006
Agency:	San Francisco Muni
Incident Date:	7/19/2006 12:00:00 AM
Admin Agency:	San Francisco County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	Motor oil
Gallons:	1
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	This spill was discovered during a walk through of the area. This spill is on the right of way where 3 1 quart containers were found and a forth 1 qt. container was cracked, leaking oil.

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162 **SAN FRANCISCO USD-EL DORADO ELEM** **HAZNET** **S113163638**
70 DELTA ST **N/A**
SAN FRANCISCO, CA 94131

HAZNET:

envid:	S113163638
Year:	2006
GEPAID:	CAL912614684
Contact:	ED OCHI, MGR, HEALTH & SAFETY
Telephone:	4152416411
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE RM 203A
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill

SAN FRANCISCO USD-EL DORADO ELEM (Continued) **S113163638**

Tons: 2.52
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113163638
Year: 2006
GEPAID: CAL912614684
Contact: ED OCHI, MGR, HEALTH & SAFETY
Telephone: 4152416411
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVENUE RM 203A
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 2.52
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113163638
Year: 2000
GEPAID: CAL912614684
Contact: ED OCHI, MGR, HEALTH & SAFETY
Telephone: 4152416411
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVENUE RM 203A
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: 0.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113163638
Year: 2000
GEPAID: CAL912614684
Contact: ED OCHI, MGR, HEALTH & SAFETY
Telephone: 4152416411
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVENUE RM 203A
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: 0.25
Cat Decode: Not reported
Method Decode: Not reported

SAN FRANCISCO USD-EL DORADO ELEM (Continued) **S113163638**

Facility County: San Francisco

envid: S113163638
Year: 2000
GEPAID: CAL912614684
Contact: ED OCHI, MGR, HEALTH & SAFETY
Telephone: 4152416411
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVENUE RM 203A
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.42
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

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163 **THERD AND LE CONTE ASSOCIATES LP C/O MERCY HOUSING** **HAZNET** **S113462570**
6600 3RD ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S113462570
Year: 2010
GEPAID: CAC002657353
Contact: GILBERT CHAN
Telephone: 4153557100
Mailing Name: Not reported
Mailing Address: 1360 MISSION ST STE 300
Mailing City,St,Zip: SAN FRANCISCO, CA 941032646
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 8
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

164 **CLEO RHYNE'S SHELL** **RGA LUST** **S114604035**
25712 WARD DR **N/A**
KINGS, CA

RGA LUST:

2004 CLEO RHYNE'S SHELL 25712 WARD DR

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164 **LANCE COTTON** **HAZNET** **S118927947**
2 ANKENY ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118927947
Year:	2015
GEPAID:	CAC002828400
Contact:	LANCE COTTON
Telephone:	4083151046
Mailing Name:	Not reported
Mailing Address:	2 ANKENY ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941342139
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

---

164 **LANCE COTTON** **HAZNET** **S118927565**
2 ANKENY ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118927565
Year:	2015
GEPAID:	CAC002827838
Contact:	LANCE COTTON
Telephone:	4083151046
Mailing Name:	Not reported
Mailing Address:	2 ANKENY ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941342139
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.46
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

LANCE COTTON (Continued) **S118927565**

Facility County: San Francisco

---

165 ***REC&PK/NO.QT.TRAIN.POLO FIELD** **CA FID UST** **S101592503**
1 JOHN F KENNEDY DR **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94117

CA FID UST:
Facility ID: 38005339
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 1 JOHN F KENNEDY DR
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN FRANCISCO 94117
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 3948
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-003948-000001
Tank Status: Not reported
Capacity: 1200
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNSPECIFIED
Number Of Tanks: 1

Status: Not reported
Comp Number: 5248
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-005248-000001
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT

***REC&PK/NO.QT.TRAIN.POLO FIELD (Continued)** **S101592503**

Content: UNSPECIFIED
Number Of Tanks: 1

Status: Active
Comp Number: 3948
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 5248
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 12-10-91
Created Date: 01-01-01
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

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165 **CCSF/REC &** **UST** **U003987864**
1 JOHN F. KENNEDY DR **N/A**
, CA

SAN FRANCISCO CO. UST:
Facility ID: 24717
Facility Status: Not reported
Number Of Tanks: 1
Owner/Operator Name: Not reported
Owner/Operator Title: Not reported
Owner Name: Not reported
Care Of Addr: Not reported
2nd Care Of Add: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Permit Number: Not reported
Permit Approved By: Not reported
Permit Expiration Date: Not reported
Applications: Not reported
Application Date: 5/11/1987
Application Name: Not reported

CCSF/REC & (Continued) **U003987864**

Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	3/28/1988
UST Close ID:	221
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported

CCSF/REC & (Continued) **U003987864**

Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	3/28/1988
UST Close ID:	222
Type Of Spill Protection:	Not reported

Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported

CCSF/REC & (Continued) **U003987864**

Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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165 **CITY OF SAN FRANCISCO** **HAZNET** **S112856396**
1 JOHN F SHELLY DR **N/A**
SAN FRANCISCO, CA 94133

HAZNET:

envid:	S112856396
Year:	1994
GEPAID:	CAC000959848
Contact:	CITY OF SAN FRANCISCO
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	101 GROVE ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAD982042475
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	.8428
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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166 **EDGAR'S MOBILE LUBE** **HAZNET** **S113136738**
1140 BRUSSELS ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113136738
Year:	2015
GEPAID:	CAL000293019
Contact:	ELSY FERNANDEZ
Telephone:	4152180094
Mailing Name:	Not reported
Mailing Address:	PO BOX 40681
Mailing City,St,Zip:	SAN FRANCISCO, CA 941400000
Gen County:	San Francisco
TSD EPA ID:	CAD044003556
TSD County:	Yolo
Waste Category:	Waste oil and mixed oil

EDGAR'S MOBILE LUBE (Continued) **S113136738**

Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	59.622
Cat Decode:	Waste oil and mixed oil
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco
envid:	S113136738
Year:	2014
GEPAID:	CAL000293019
Contact:	ELSY FERNANDEZ
Telephone:	4152180094
Mailing Name:	Not reported
Mailing Address:	PO BOX 40681
Mailing City,St,Zip:	SAN FRANCISCO, CA 941400000
Gen County:	San Francisco
TSD EPA ID:	CAD044003556
TSD County:	Yolo
Waste Category:	Waste oil and mixed oil
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	53.504
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113136738
Year:	2014
GEPAID:	CAL000293019
Contact:	ELSY FERNANDEZ
Telephone:	4152180094
Mailing Name:	Not reported
Mailing Address:	PO BOX 40681
Mailing City,St,Zip:	SAN FRANCISCO, CA 941400000
Gen County:	San Francisco
TSD EPA ID:	Not reported
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.09
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco
envid:	S113136738
Year:	2013
GEPAID:	CAL000293019
Contact:	ELSY FERNANDEZ
Telephone:	4158591597
Mailing Name:	Not reported
Mailing Address:	PO BOX 40681
Mailing City,St,Zip:	SAN FRANCISCO, CA 941400000
Gen County:	San Francisco
TSD EPA ID:	CAD044003556
TSD County:	Yolo

EDGAR'S MOBILE LUBE (Continued) **S113136738**

Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 55.556
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S113136738
Year: 2012
GEPAID: CAL000293019
Contact: ELSY FERNANDEZ
Telephone: 4158591597
Mailing Name: Not reported
Mailing Address: PO BOX 40681
Mailing City,St,Zip: SAN FRANCISCO, CA 941400000
Gen County: San Francisco
TSD EPA ID: CAD044003556
TSD County: Yolo
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 49.666
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
30 additional CA_HAZNET: record(s) in the EDR Site Report.

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166 **EDR Hist Auto** **1015166018**
1140 BRUSSELS ST **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:
Name: EDGARS MOBILE LUBE
Year: 2006
Address: 1140 BRUSSELS ST

---

167 **BERNICE MARTINEZ** **HAZNET** **S112903471**
488 WILDE ST **N/A**
SAN FRANCISCO, CA 94124

HAZNET:
envid: S112903471
Year: 1999
GEPAID: CAC002203449
Contact: BERNICE MARTINEZ
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 855 AVALON COURT
Mailing City,St,Zip: LAFAYETTE, CA 945490000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Other inorganic solid waste

BERNICE MARTINEZ (Continued) **S112903471**

Disposal Method: Disposal, Other
Tons: .0050
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112903471
Year: 1999
GEPAID: CAC002203449
Contact: BERNICE MARTINEZ
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 855 AVALON COURT
Mailing City,St,Zip: LAFAYETTE, CA 945490000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Alkaline solution (pH >= 12.5) with metals
Disposal Method: Disposal, Other
Tons: .0075
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112903471
Year: 1999
GEPAID: CAC002203449
Contact: BERNICE MARTINEZ
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 855 AVALON COURT
Mailing City,St,Zip: LAFAYETTE, CA 945490000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Transfer Station
Tons: .0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112903471
Year: 1999
GEPAID: CAC002203449
Contact: BERNICE MARTINEZ
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 855 AVALON COURT
Mailing City,St,Zip: LAFAYETTE, CA 945490000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: .0750
Cat Decode: Not reported

BERNICE MARTINEZ (Continued) **S112903471**

Method Decode: Not reported
Facility County: San Francisco

envid: S112903471
Year: 1999
GEPAID: CAC002203449
Contact: BERNICE MARTINEZ
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 855 AVALON COURT
Mailing City,St,Zip: LAFAYETTE, CA 945490000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Disposal, Other
Tons: .0450
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

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168 **XIE, SHIRLEY** **HAZNET** **S117299198**
182 TUCKER AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S117299198
Year: 2013
GEPAID: CAC002741268
Contact: XIE, SHIRLEY
Telephone: 4158120318
Mailing Name: Not reported
Mailing Address: 182 TUCKER AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941342215
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

169 | **ERNS** | **92126633** | **N/A**

663 CAMPBELL STREET
SAN FRANCISCO, CA

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

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169 | **DOT OPS** | **1009630733** | **N/A**

PACIFIC GAS & ELECTRIC CO
663 CAMPBELL
SAN FRANCISCO, CA

DOT OPS:

EDR Type:	NATURAL GAS DISTRIBUTION
Report ID:	19920116
Facility name:	PACIFIC GAS & ELECTRIC CO
Address:	663 CAMPBELL SAN FRANCISCO, CA
Latitude:	Not reported
Longitude:	Not reported

Incidents Details:

EDR type:	NATURAL GAS DISTRIBUTION
Operator ID:	15007
Company/operator name:	PACIFIC GAS & ELECTRIC CO
Address:	663 CAMPBELL SAN FRANCISCO, CA
County:	SAN FRANCISCO
Class:	3
Federal land:	No
Incident time:	337
Incident date:	07/14/1992
Total fatalities:	0
Total injured:	0
Property damage:	355000
Operator thought report was significant:	Null
Hours elasped till area was safe:	4
Minutes elasped till area was safe:	43
Date incident reported to NRC:	19920714
Estimated pressure at point and time:	30
Max. Allowable Operating Press. (PSIG):	35
MAOP by test or 49 CFR,sec. 192.619:	TEST
MAOP established by test:	100
Primary cause of the incident:	OTHER
System where incident occurred:	SERVICE LINE
System other comment:	Not reported
Component that failed:	OTHER
Component other comment:	NON SPECIFIED
Material involved in incident:	STEEL
Material other comment:	Not reported
Nominal Pipe Size (diameter) in inches:	0.75
Pipe wall thickness in inches:	0.133
Pipe material specification:	Not reported
Pipe manufacturer:	Not reported
Year manufactured:	0
Year part was installed:	1951
Location of incident:	WITHIN/UNDER BUILDING
Location other comment:	Not reported

PACIFIC GAS & ELECTRIC CO (Continued) **1009630733**

Preparer name and title:	Not reported
Preparer phone:	Not reported
NRC telephonic report #:	Not reported
NRC telephonic report ID:	0
Report received date:	33826
Location of corrosion:	Not reported
Visual description of corrosion:	Not reported
Other visual description:	Not reported
Cause of corrosion:	Not reported
Cause other comment:	Not reported
Pipe coating information:	Not reported
Corroded pipeline cathodically protected:	Null
Year of cathodic protection:	Not reported
Primary cause of incident:	NO DATA
Damage by earth movement:	Not reported
Prior use notification:	Null
Date of notification:	Not reported
Pipeline location marked:	Null
Marking type:	Not reported
Other marking comment:	Not reported
Outside party required:	Null
Cause of construction defect:	Not reported
Description of other components:	Not reported

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170 **EDR Hist Auto** **1015558659**

575 CAMPBELL AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:

Name:	SKYCREST AUTO SERVICE
Year:	2002
Address:	575 CAMPBELL AVE
Name:	BLANDING AUTO REPAIR
Year:	2006
Address:	575 CAMPBELL AVE
Name:	BLANDING AUTO REPAIR
Year:	2007
Address:	575 CAMPBELL AVE

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171 **JOHN W KING SENIOR COMMUNITY** **HAZNET** **S112882421**

500 RAYMOND AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112882421
Year:	2000
GEPAID:	CAC001323272
Contact:	DELORES WILLS - PROJ DEV
Telephone:	4155536389
Mailing Name:	Not reported
Mailing Address:	1028-A HOWARD ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941030000
Gen County:	Not reported
TSD EPA ID:	CAD981382732

JOHN W KING SENIOR COMMUNITY (Continued) **S112882421**

TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 1.26
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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172 **ROSA VASQUEZ** **HAZNET** **S112993070**
386 ARLETA AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112993070
Year: 2011
GEPAID: CAC002675471
Contact: ALEX BIDERMAN
Telephone: 5102072048
Mailing Name: Not reported
Mailing Address: 666A HILLSBOROUGH ST
Mailing City,St,Zip: OAKLAND, CA 94606
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

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173 **ASBESTOS CONTROL PROGRAM** **HAZNET** **S113014846**
450 RAYMOND AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S113014846
Year: 2015
GEPAID: CAD982337776
Contact: RAFAEL PICAZO
Telephone: 4152416226
Mailing Name: Not reported
Mailing Address: 135 VAN NESS AVENUE, ROOM 407
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: San Francisco
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.024
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Francisco

envid: S113014846

ASBESTOS CONTROL PROGRAM (Continued) **S113014846**

Year:	2015
GEPAID:	CAD982337776
Contact:	RAFAEL PICAZO
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE, ROOM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	TXD982560294
TSD County:	99
Waste Category:	Laboratory waste chemicals
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.0365
Cat Decode:	Laboratory waste chemicals
Method Decode:	Incineration--Thermal Destruction Other Than Use As A Fuel
Facility County:	San Francisco

envid:	S113014846
Year:	2015
GEPAID:	CAD982337776
Contact:	RAFAEL PICAZO
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE, ROOM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	TXD982560294
TSD County:	99
Waste Category:	Laboratory waste chemicals
Disposal Method:	Not reported
Tons:	0.0065
Cat Decode:	Laboratory waste chemicals
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113014846
Year:	2015
GEPAID:	CAD982337776
Contact:	RAFAEL PICAZO
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE, ROOM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.46
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

envid:	S113014846
Year:	2015

ASBESTOS CONTROL PROGRAM (Continued) **S113014846**

GEPAID:	CAD982337776
Contact:	RAFAEL PICAZO
Telephone:	4152416226
Mailing Name:	Not reported
Mailing Address:	135 VAN NESS AVENUE, ROOM 407
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	San Francisco
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Francisco

Click this hyperlink while viewing on your computer to access
31 additional CA_HAZNET: record(s) in the EDR Site Report.

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173 **SFUSD/#868 -** **UST** **U003937062**
450 RAYMOND AV **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	11748
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	P.O. Box 150
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Philip
Application Date:	8/13/1998
Application Name:	Roger Dockter
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported

SFUSD/#868 - (Continued) **U003937062**

Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	8/29/1998
UST Close ID:	3390
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported
Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	Not reported
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

174 **EDR Hist Cleaner** **1015065301**
473 RAYMOND AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:

Name:	SUPER TECH CARPET CLEANERS
Year:	2002
Address:	473 RAYMOND AVE
Name:	SUPER TECH CARPET CLEANERS
Year:	2003
Address:	473 RAYMOND AVE
Name:	SUPER TECH CARPET CLEANERS
Year:	2004
Address:	473 RAYMOND AVE
Name:	SUPER TECH CARPET CLEANERS
Year:	2007
Address:	473 RAYMOND AVE
Name:	SUPER TECH CARPET CLEANERS
Year:	2008
Address:	473 RAYMOND AVE
Name:	SUPER TECH CARPET CLEANERS
Year:	2009
Address:	473 RAYMOND AVE

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175 **EDR Hist Cleaner** **1015070315**
512 LELAND AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:

Name:	JUNIORS HOUSE & CARPET CLEANER
Year:	2012
Address:	512 LELAND AVE

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176 **SAN FRANCISCO HOUSING AUTHORITY** **HAZNET** **S112980331**
1654 SUNNYDALE AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112980331
Year:	2010
GEPAID:	CAL000348911
Contact:	JON MIRACLE
Telephone:	4155821000
Mailing Name:	Not reported
Mailing Address:	1654 SUNNYDALE AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941342628
Gen County:	Not reported
TSD EPA ID:	CAD099452708
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.76

SAN FRANCISCO HOUSING AUTHORITY (Continued) **S112980331**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112980331
Year: 2009
GEPAID: CAC002646168
Contact: JON MIRACLE
Telephone: 4155821000
Mailing Name: Not reported
Mailing Address: PO BOX 423630
Mailing City,St,Zip: SAN FRANCISCO, CA 94142
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Latex waste
Disposal Method: Other Treatment
Tons: 0.0834
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112980331
Year: 2009
GEPAID: CAC002646168
Contact: JON MIRACLE
Telephone: 4155821000
Mailing Name: Not reported
Mailing Address: PO BOX 423630
Mailing City,St,Zip: SAN FRANCISCO, CA 94142
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.066
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112980331
Year: 2009
GEPAID: CAC002646168
Contact: JON MIRACLE
Telephone: 4155821000
Mailing Name: Not reported
Mailing Address: PO BOX 423630
Mailing City,St,Zip: SAN FRANCISCO, CA 94142
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02
Cat Decode: Not reported
Method Decode: Not reported

SAN FRANCISCO HOUSING AUTHORITY (Continued) **S112980331**

Facility County: San Francisco

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176 **1X SAN FRANCISCO HOUSING AUTHORITY** **HAZNET** **S112847302**
1652 SUNNYDALE AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112847302
Year:	1993
GEPAID:	CAC000840192
Contact:	SAN FRANCISCO HOUSING AUTHORIT
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1815 EGBERT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CAL000027741
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Not reported
Tons:	33.7120000000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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176 **SAN FRANCISCO HOUSING AUTHORITY** **HAZNET** **S112864724**
1654 SUNNYDALE AVENUE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112864724
Year:	1995
GEPAID:	CAC001069784
Contact:	SF HOUSING AUTHORITY
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	440 TURK STREET
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAL000027741
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	1.6856
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

176 **SAN FRANCISCO HOUSING AUTHORITY** **HAZNET** **S112888137**
1654 SUNNYDALE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112888137
Year:	1999
GEPAID:	CAC001399896
Contact:	CITY CNTY OF SAN FRANCISCO
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	440 TURK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.2000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112888137
Year:	1999
GEPAID:	CAC001399896
Contact:	CITY CNTY OF SAN FRANCISCO
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	440 TURK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	.4214
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112888137
Year:	1998
GEPAID:	CAC001399896
Contact:	CITY CNTY OF SAN FRANCISCO
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	440 TURK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAL000027741
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	7.5852
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

SAN FRANCISCO HOUSING AUTHORITY (Continued) **S112888137**

envid:	S112888137
Year:	1998
GEPAID:	CAC001399896
Contact:	CITY CNTY OF SAN FRANCISCO
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	440 TURK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.4000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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176 **CHMIRS** **S105643444**
2000 SUNNYDALE STREET **N/A**
SAN FRANCISCO, CA 94134

CHMIRS:

OES Incident Number:	16424
OES notification:	Not reported
OES Date:	11/9/1996
OES Time:	08:52:16 AM
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	NO
Waterway:	sewer system
Spill Site:	Not reported
Cleanup By:	dpw
Containment:	Not reported
What Happened:	Not reported

(Continued) **S105643444**

Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	sffd-batt 9
Incident Date:	0500/09Nov96
Admin Agency:	Not reported
Amount:	2-55 gal drums
Contained:	YES
Site Type:	RESIDENCE
E Date:	Not reported
Substance:	waste oil
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	illegal dumping at residence. unkn amount into sewer, dpw on scene for cleanup.

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177 **PACIFIC BELL** **RCRA-SQG** **1000251079**
1655 VISITACION AVENUE **FINDS** **CAT080019102**
SAN FRANCISCO, CA 94134 **ECHO**

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	PACIFIC BELL
Facility address:	1655 VISITACION AVENUE SAN FRANCISCO, CA 94134
EPA ID:	CAT080019102
Mailing address:	220 MONTGOMERY STREET RM 1051 SAN FRANCISCO, CA 94104
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

PACIFIC BELL (Continued) **1000251079**

Owner/Operator Summary:
- Owner/operator name: THE PACIFIC TEL & TEL COMPANY
- Owner/operator address: NOT REQUIRED
  NOT REQUIRED, ME 99999
- Owner/operator country: Not reported
- Owner/operator telephone: (415) 555-1212
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: Not reported
- Owner/Op end date: Not reported

- Owner/operator name: NOT REQUIRED
- Owner/operator address: NOT REQUIRED
  NOT REQUIRED, ME 99999
- Owner/operator country: Not reported
- Owner/operator telephone: (415) 555-1212
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: Not reported
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 01/16/1981
- Site name: PACIFIC BELL
- Classification: Large Quantity Generator

- Violation Status: No violations found

FINDS:

- Registry ID: 110002948428

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource

PACIFIC BELL (Continued) **1000251079**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1000251079
Registry ID:	110002948428
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002948428

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178 **HOUSING AUTHORITY CNTY & CITY SF** **HAZNET** **S112899903**
1825 SUNNYDALE AVEW **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112899903
Year:	1999
GEPAID:	CAC002135833
Contact:	HOUSING AUTHORITY SAN FRANCISC
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	440 TURK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	1.2642
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112899903
Year:	1999
GEPAID:	CAC002135833
Contact:	HOUSING AUTHORITY SAN FRANCISC
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	440 TURK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.1000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

179 **SAN FRANCISCO HOUSING AUTHORITY** **HAZNET** **S112928574**
1629 SUNNYDALE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112928574
Year:	2003
GEPAID:	CAC002563076
Contact:	RICHARD MCGUIRE/INDUSTRIAL HYGEN
Telephone:	4157153173
Mailing Name:	Not reported
Mailing Address:	1815 EGBERT AVE 3RD FL
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	0.84
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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179 **1X SAN FRANCISCO HOUSING AUTHORITY** **HAZNET** **S112847301**
1651 SUNNYDALE AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112847301
Year:	1993
GEPAID:	CAC000840184
Contact:	SAN FRANCISCO HOUSING AAUTHORI
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1851 EGBERT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941240000
Gen County:	Not reported
TSD EPA ID:	CAD982060436
TSD County:	Not reported
Waste Category:	Alkaline solution (pH >= 12.5) with metals
Disposal Method:	Transfer Station
Tons:	1.6856
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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180 **SUNNY CLEANERS** **EDR Hist Cleaner** **1009131036**
1436 SUNNYDALE AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	DE MALDER H R
Year:	1949
Type:	CLEANERS AND DYERS
Name:	DE MALDER H R
Year:	1949
Type:	CLEANERS AND DYERS

SUNNY CLEANERS (Continued) **1009131036**

Name: SUNNY CLEANERS
Year: 1953
Type: CLEANERS AND DYERS

Name: SUNNY CLEANERS
Year: 1958
Type: CLEANERS AND DYERS

Name: SUNNY CLEANERS
Year: 1958
Type: CLEANERS AND DYERS

Name: SUNNY CLEANERS
Year: 1962
Type: CLEANERS AND DYERS

Name: SUNNY CLEANERS
Year: 1962
Type: CLEANERS AND DYERS

Name: SUNNY CLEANERS
Year: 1966
Type: CLEANERS AND DYERS

Name: SUNNY CLEANERS
Year: 1966
Type: CLEANERS AND DYERS

Name: SUNNY CLEANERS
Year: 1971
Type: CLEANERS AND DYERS

Name: SUNNY CLEANERS
Year: 1971
Type: CLEANERS AND DYERS

Name: WILLIE S CLEANERS
Year: 1982
Type: CLEANERS AND DYERS

Name: WILLIE S CLEANERS
Year: 1982
Type: CLEANERS AND DYERS

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181 **EDR Hist Auto** **1015229845**

145 BRITTON ST **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:
Name: BARCENAS TOWING & AUTO SALES
Year: 2009
Address: 145 BRITTON ST

181 **HOUSING** **UST** **U004003730**
150 BRITTON ST **N/A**
, CA

SAN FRANCISCO CO. UST:

Facility ID:	24179
Facility Status:	Not reported
Number Of Tanks:	1
Owner/Operator Name:	Not reported
Owner/Operator Title:	Not reported
Owner Name:	Not reported
Care Of Addr:	Not reported
2nd Care Of Add:	Not reported
Mailing Address:	35 South Linden
Mailing City,St,Zip:	Not reported
Permit Number:	Not reported
Permit Approved By:	Not reported
Permit Expiration Date:	Not reported
Applications:	Accutite
Application Date:	6/16/1995
Application Name:	Willie Green
Action Type:	Not reported
Yr Spill/Overfill Installed1:	Not reported
Yr Spill/Overfill Installed2:	Not reported
Yr Spill/Overfill Installed3:	Not reported
Tank ID:	Not reported
Tank Test:	Not reported
Local Tank Id:	Not reported
Tank Manufacturer:	Not reported
Compartmentalized Tank:	Not reported
# Of Tank Compartments:	Not reported
Date Tank Installed:	Not reported
Tank Capacity:	Not reported
Additional Desc:	Not reported
Tank Use:	Not reported
Petroleum Type:	Not reported
Common Name:	Not reported
Case Number:	Not reported
Type Of Tank:	Not reported
Primary Tank Material:	Not reported
Secondary Tank Material:	Not reported
Tank Interior Lining:	Not reported
Date Interior Lining Install:	Not reported
Date Closed:	7/12/1995
UST Close ID:	2087
Type Of Spill Protection:	Not reported
Date Alarm Overfill Protection Installed:	Not reported
Date Ball Float Overfill Protection Installed:	Not reported
Date Fill Tube Shut Overfill Protection Installed:	Not reported
Overfill Protection Exempt:	Not reported
Othr Tnk Corrosive Prtctn:	Not reported
Date Corrosive Prtctn Install:	Not reported
Tank Leak Detection (single walled):	Not reported
Tank Leak Detection (double wall):	Not reported
Estimated Date Last Used:	Not reported
Estimated Qty Of Substance Remaining:	Not reported
Tank Filled With Inert Material:	Not reported
Piping System Type (Underground):	Not reported

HOUSING (Continued) **U004003730**

Piping System Type (Aboveground):	Not reported
Piping Construction (Underground):	Not reported
Piping Manufacturer (Underground):	Not reported
Piping Construction (Aboveground):	Not reported
Piping Manufacturer (Aboveground):	Not reported
Piping Material & Corrosion Protection (Underground):	Not reported
Piping Material & Corrosion Protection (Aboveground):	Not reported
Piping Leak Detection (Undrgrnd - Single Wall):	Not reported
Piping Leak Detection (2nd Contained):	Not reported
Piping Leak Detection (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Underground:	Not reported
Piping Leak Detection (Aboveground - Single Wall):	Not reported
Piping Leak Detection (Underground - 2nd Contained):	Not reported
Piping Leak Detection Underground (Emrgncy Gnrtrs):	Not reported
Pipe Integrity Test, Aboveground:	Not reported
Date Dispenser Containment Installed:	Not reported
Dispenser Containment Type:	Not reported
Date Certified (Tank Unit):	Not reported
Certified Date:	9/21/1995
Last Annual Monitoring Cert:	Not reported
2nd Containment Test:	Not reported
Spill Containment Present:	Not reported
Drop Tube Present:	Not reported
Striker Plate Present:	Not reported
Alarm Present:	Not reported
Ball Float Present:	Not reported
Fill Tube Present:	Not reported
Other Tank Leak Detection Present:	Not reported

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181 **HOUSING CONSERVATION AND DEVEL. CORP** **HIST UST** **S112863460**
150 BRITTON ST **HAZNET** **N/A**
SAN FRANCISCO, CA 94134

HIST UST:

File Number:	0002F733
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F733.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

HOUSING CONSERVATION AND DEVEL. CORP (Continued) **S112863460**

Click here for Geo Tracker PDF:

HAZNET:

envid:	S112863460
Year:	1995
GEPAID:	CAC001052576
Contact:	HOUSING CONSERVATION & DEV COR
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1637 OCEAN AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941120000
Gen County:	Not reported
TSD EPA ID:	CAD009466392
TSD County:	Not reported
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	1.2500
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112863460
Year:	1995
GEPAID:	CAC001052576
Contact:	HOUSING CONSERVATION & DEV COR
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1637 OCEAN AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941120000
Gen County:	Not reported
TSD EPA ID:	CAD043260702
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Tons:	3.3360
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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181 **GATTI NURSERY, INC.** **CA FID UST** **S101623367**
150 BRITTON ST **SWEEPS UST** **N/A**
SAN FRANCISCO, CA 94134

CA FID UST:

Facility ID:	38005346
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4150000000
Mail To:	Not reported
Mailing Address:	150 BRITTON ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN FRANCISCO 94134
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported

GATTI NURSERY, INC. (Continued) **S101623367**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Not reported
Comp Number: 4105
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 38-000-004105-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: LEADED GASOL
Number Of Tanks: 1

---

181 **GATTI NURSERY, INC.** **HIST UST** **U001595805**
150 BRITTON ST **N/A**
SAN FRANCISCO, CA 94134

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000031590
Facility Type: Other
Other Type: WHOLESALE NURSERY
Contact Name: RICHARD GATTI
Telephone: 4152396060
Owner Name: GATTI NURSERY, INC.
Owner Address: 150 BRITTON STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94134
Total Tanks: 0001

Tank Num: 001
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

182 **O K LAUNDROMAT** **EDR Hist Cleaner** **1009131911**
1433 SUNNYDALE AVE **N/A**
SAN FRANCISCO, CA

EDR Historical Cleaners:

Name:	OK LAUNDERMAT
Year:	1962
Type:	LAUNDRIES SELF SERVE
Name:	OK LAUNDERMAT
Year:	1962
Type:	LAUNDRIES SELF SERVE
Name:	0 K LAUNDERMAT
Year:	1966
Type:	LAUNDRIES SELF SERVE
Name:	O K LAUNDROMAT
Year:	1971
Type:	LAUNDRIES SELF SERVE
Name:	O K LAUNDROMAT
Year:	1971
Type:	LAUNDRIES-SELF SERVE
Name:	O K LAUNDROMAT
Year:	1977
Type:	LAUNDRIES-SELF SERVE
Name:	0 K LAUNDROMAT
Year:	1977
Type:	LAUNDRIES SELF SERVE

---

183 **EDR Hist Cleaner** **1014987056**
1301 SUNNYDALE AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:

Name:	L & M EXPRESS CLEANERS
Year:	2008
Address:	1301 SUNNYDALE AVE
Name:	L & M EXPRESS CLEANERS
Year:	2009
Address:	1301 SUNNYDALE AVE

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184 **CATHLEEN IGNACIO** **HAZNET** **S117306020**
182 REY ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S117306020
Year:	2013
GEPAID:	CAC002751001
Contact:	CATHLEEN IGNACIO
Telephone:	4155851648
Mailing Name:	Not reported
Mailing Address:	182 REY ST

CATHLEEN IGNACIO (Continued) **S117306020**

Mailing City,St,Zip: SAN FRANCISCO, CA 941342741
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

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185 **SAN FRANCISCO HOUSING AUTHORITY** **HAZNET** **S118915384**
213 BLYTHEDALE AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S118915384
Year: 2015
GEPAID: CAC002809634
Contact: ANDREW PASSELL
Telephone: 4157153213
Mailing Name: Not reported
Mailing Address: 1815 EGBERT AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941242519
Gen County: San Francisco
TSD EPA ID: CAD981382732
TSD County: Alameda
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.15
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Francisco

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186 **EDR Hist Cleaner** **1014982625**
1215 SUNNYDALE AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Cleaners:
Name: KING OF KINGS CARPET CLEANING
Year: 2002
Address: 1215 SUNNYDALE AVE

Name: KING OF KINGS CARPET CLEANING
Year: 2003
Address: 1215 SUNNYDALE AVE

Name: KING OF KINGS CARPET CLEANING
Year: 2004
Address: 1215 SUNNYDALE AVE

187 **SUNNYDALE** **HAZNET** **S112894706**
133 BLYTHDALE ST. **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112894706
Year:	2005
GEPAID:	CAC001482048
Contact:	RICHARD MCGUIRE/SR INDUS HYGEN
Telephone:	4157153173
Mailing Name:	Not reported
Mailing Address:	440 TURK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.21
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112894706
Year:	1998
GEPAID:	CAC001482048
Contact:	S.F. HOUSING AUTHORITY
Telephone:	4157153173
Mailing Name:	Not reported
Mailing Address:	440 TURK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAL000027741
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	.8428
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S112894706
Year:	1998
GEPAID:	CAC001482048
Contact:	S.F. HOUSING AUTHORITY
Telephone:	4157153173
Mailing Name:	Not reported
Mailing Address:	440 TURK ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941020000
Gen County:	Not reported
TSD EPA ID:	CAL000027741
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Not reported
Tons:	1.6856
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

SUNNYDALE (Continued) **S112894706**

envid: S112894706
Year: 1998
GEPAID: CAC001482048
Contact: S.F. HOUSING AUTHORITY
Telephone: 4157153173
Mailing Name: Not reported
Mailing Address: 440 TURK ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .1000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S112894706
Year: 1998
GEPAID: CAC001482048
Contact: S.F. HOUSING AUTHORITY
Telephone: 4157153173
Mailing Name: Not reported
Mailing Address: 440 TURK ST
Mailing City,St,Zip: SAN FRANCISCO, CA 941020000
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 1.6856
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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188 **SHAWN D HILL** **PEST LIC** **S118647829**
88 BLYTHDALE AVE **N/A**
SAN FRANCISCO, CA 94134

PEST LIC:
Facility Type: QAC
Categories: B
License No: 140367
Issued or Renewed Date: 01/01/2017
Expiration Date: 12/31/2018

189 **CHARLES KUSUMA** **HAZNET** **S117290372**
221 ARGONAUT AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S117290372
Year:	2013
GEPAID:	CAC002727751
Contact:	CHARLES KUSUMA
Telephone:	4152991777
Mailing Name:	Not reported
Mailing Address:	221 ARGONAUT AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 941343212
Gen County:	Contra Costa
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

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190 **MARIA MOSCARDINI** **HAZNET** **S117286557**
238 BROOKDALE AVE. **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S117286557
Year:	2013
GEPAID:	CAC002722312
Contact:	MARIA MOSCARDINI
Telephone:	6507405478
Mailing Name:	Not reported
Mailing Address:	238 BROOKDALE AVE.
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

---

191 **EDR Hist Auto** **1015395237**
294 BROOKDALE AVE **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:

Name:	AUTO COLLISION CTR
Year:	2003
Address:	294 BROOKDALE AVE
Name:	AUTO COLLISION CTR

(Continued) **1015395237**

Year: 2004
Address: 294 BROOKDALE AVE

---

192 **LOMBAYE YARNWAY** **HAZNET** **S112991642**
32 BURR AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112991642
Year: 2011
GEPAID: CAC002673624
Contact: LOMBAYE YARNWAY
Telephone: 4158711716
Mailing Name: Not reported
Mailing Address: 32 BURR AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 94134
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

---

193 **VELASCO HOUSING DEVELOPMENT** **HAZNET** **S112967076**
626 VELASCO AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:
envid: S112967076
Year: 2008
GEPAID: CAC002625460
Contact: JAMES MARK
Telephone: 4157155940
Mailing Name: Not reported
Mailing Address: 1815 EGBERT AVE
Mailing City,St,Zip: SAN FRANCISCO, CA 941242519
Gen County: Not reported
TSD EPA ID: CAD982042475
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.8428
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

193 **CCSF - SAN FRANCISCO HOUSING AUTHORITY** **HAZNET** **S112937945**
640 VELASCO RD **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112937945
Year:	2004
GEPAID:	CAC002578179
Contact:	BASIL NICALOU
Telephone:	4157155942
Mailing Name:	Not reported
Mailing Address:	1815 EGBERT AVE STE 300
Mailing City,St,Zip:	SAN FRANCISCO, CA 94124
Gen County:	Not reported
TSD EPA ID:	CAT000646117
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Disposal, Land Fill
Tons:	0.15
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

---

194 **CHMIRS** **S108402660**
135 LAPHAN WAY AND ROBINSON **N/A**
SAN FRANCISCO, CA

CHMIRS:

OES Incident Number:	5-2282
OES notification:	04/15/2005
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Storm Drain
Spill Site:	Not reported

(Continued) **S108402660**

Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	Citizen
Incident Date:	4/15/200512:00:00 AM
Admin Agency:	San Francisco County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Residence
E Date:	Not reported
Substance:	Sewage
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Substance leaked out onto the ground due to unknown causes. Soil Smells

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195 **LEI QI MIN** **HAZNET** **S113785844**
124 GARRISON AVE **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S113785844
Year:	2012
GEPAID:	CAC002701199
Contact:	LEI QI MIN
Telephone:	6508260631
Mailing Name:	Not reported
Mailing Address:	124 GARRISON AVE
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.8
Cat Decode:	Not reported
Method Decode:	Not reported

LEI QI MIN (Continued) **S113785844**

Facility County: San Francisco

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196 **MERCY HOUSING CALIFORNIA XXIV** **HAZNET** **S112929221**
560 CARTER **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112929221
Year:	2003
GEPAID:	CAC002564177
Contact:	RAMIE DARE
Telephone:	4153557118
Mailing Name:	Not reported
Mailing Address:	1360 MISSION ST STE 300
Mailing City,St,Zip:	SAN FRANCISCO, CA 94103
Gen County:	Not reported
TSD EPA ID:	CAD982042475
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	1.68
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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197 **RUDY CASTENADA** **HAZNET** **S118932255**
76 ESQUINA DR **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118932255
Year:	2015
GEPAID:	CAC002834772
Contact:	RUDY CASTENADA
Telephone:	4153079159
Mailing Name:	Not reported
Mailing Address:	76 ESQUINA DR
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

198 **JANE HAMMERSTEAD** **HAZNET** **S118919551**
148 LAPHAM WAY **N/A**
SAN FRANCISCO, CA 94112

HAZNET:

envid:	S118919551
Year:	2015
GEPAID:	CAC002815795
Contact:	JANE HAMMERSTEAD
Telephone:	4089338487
Mailing Name:	Not reported
Mailing Address:	148 LAPHAM WAY
Mailing City,St,Zip:	SAN FRANCISCO, CA 94112
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Francisco

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199 **AUREA MARIANO** **HAZNET** **S112984580**
65 CARRIZAL ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S112984580
Year:	2011
GEPAID:	CAC002664411
Contact:	AUREA MARIANO
Telephone:	4152983124
Mailing Name:	Not reported
Mailing Address:	65 CARRIZAL ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 94134
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

200 **MOY, SUY-TING** **HAZNET** **S118209112**
23 CASTILLO ST **N/A**
SAN FRANCISCO, CA 94134

HAZNET:

envid:	S118209112
Year:	2014
GEPAID:	CAC002769585
Contact:	MOY, SUY-TING
Telephone:	2097475225
Mailing Name:	Not reported
Mailing Address:	23 CASTILLO ST
Mailing City,St,Zip:	SAN FRANCISCO, CA 941343104
Gen County:	San Francisco
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.8
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

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201 **CHARLIE S RICHFIELD SERVICE** **EDR Hist Auto** **1009000231**
2145 GENEVA AV **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	CHARLIE S RICHFIELD SERVICE
Year:	1958
Type:	GASOLINE STATIONS
Name:	CHARLIE S RICHFIELD SERVICE
Year:	1958
Type:	GASOLINE STATIONS
Name:	CHARLIE S RICHFIELD SERVICE
Year:	1962
Type:	GASOLINE STATIONS
Name:	CHARLIE S RICHFIELD SERVICE
Year:	1966
Type:	GASOLINE STATIONS
Name:	CHARLIE S RICHFIELD SERVICE
Year:	1966
Type:	GASOLINE STATIONS
Name:	DON S ARCO SERVICE
Year:	1971
Type:	GASOLINE STATIONS
Name:	DON S ARCO SERVICE
Year:	1971
Type:	GASOLINE STATIONS

202 **COW PALACE CHEVRON SERVICE** **EDR Hist Auto** **1008999710**
2201 GENEVA AV **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:

Name:	EDMONDSON S BILL CHEVRON STATION
Year:	1958
Type:	GASOLINE STATIONS
Name:	EDMONDSON S BILL CHEVRON STATION
Year:	1958
Type:	GASOLINE STATIONS
Name:	RAY & ED S COW PALACE CHEVRON SER- VICE
Year:	1962
Type:	GASOLINE STATIONS
Name:	RAY & ED S COW PALACE CHEVRON SERVICE
Year:	1966
Type:	GASOLINE STATIONS
Name:	RAY & ED S COW PALACE CHEVRON SERVICE
Year:	1966
Type:	GASOLINE STATIONS
Name:	COW PALACE CHEVRON SERVICE
Year:	1971
Type:	GASOLINE STATIONS
Name:	COW PALACE CHEVRON SERVICE
Year:	1971
Type:	GASOLINE STATIONS

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203 **EDR Hist Auto** **1015642883**
81 PASADENA ST **N/A**
SAN FRANCISCO, CA 94134

EDR Historical Auto Stations:

Name:	1800RADIATOR OF SAN FRANCISCAN
Year:	2007
Address:	81 PASADENA ST
Name:	1800RADIATOR OF SAN FRANCISCAN
Year:	2008
Address:	81 PASADENA ST

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204 **CITY OF DALY CITY** **FINDS** **1015780188**
850 SADDLEBACK DRIVE **N/A**
DALY CITY, CA 94014

FINDS:

Registry ID: 110054321462

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

205 **COW PALACE** **FINDS** **1010727638**
GENEVA AVENUE AND SANTOS STREET **N/A**
DALY CITY, CA 94014

FINDS:

Registry ID: 110033616451

Environmental Interest/Information System
California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

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205 **COW PALACE** **HAZNET** **S113040870**
GENEVA AVE & SANTOS ST **N/A**
DALY CITY, CA 94104

HAZNET:

envid:	S113040870
Year:	1999
GEPAID:	CAL000047130
Contact:	STATE OF CALIF
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 34206
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340000
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	.4587
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

envid:	S113040870
Year:	1998
GEPAID:	CAL000047130
Contact:	STATE OF CALIF
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 34206
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340000
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	.2293
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Francisco

COW PALACE (Continued) **S113040870**

envid: S113040870
Year: 1997
GEPAID: CAL000047130
Contact: STATE OF CALIF
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 34206
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: .4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113040870
Year: 1995
GEPAID: CAL000047130
Contact: STATE OF CALIF
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 34206
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

envid: S113040870
Year: 1994
GEPAID: CAL000047130
Contact: STATE OF CALIF
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 34206
Mailing City,St,Zip: SAN FRANCISCO, CA 941340000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Disposal, Other
Tons: .4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Francisco

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

205 **COW PALACE** **VCP** **S104161699**
GENEVA AVENUE AND SANTOS STREET **ENVIROSTOR** **N/A**
DALY CITY, CA 94014

VCP:

Facility ID:	41070008
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	Not reported
National Priorities List:	NO
Cleanup Oversight Agencies:	RWQCB 2 - San Francisco Bay
Lead Agency:	RWQCB 2 - San Francisco Bay
Lead Agency Description:	RWQCB 2 - San Francisco Bay
Project Manager:	Not reported
Supervisor:	* Rmcjunki
Division Branch:	Cleanup Sacramento
Site Code:	200581
Assembly:	19
Senate:	11
Special Programs Code:	Voluntary Cleanup Program
Status:	Refer: Local Agency
Status Date:	06/30/1997
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.70703 / -122.4154
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	GRAND NATIONAL JUNIOR RODEO
Alias Type:	Alternate Name
Alias Name:	110033616451
Alias Type:	EPA (FRS #)
Alias Name:	200581
Alias Type:	Project Code (Site Code)
Alias Name:	41070008
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	10/07/1994
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Voluntary Cleanup Agreement Completion
Completed Date:	06/30/1997
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported

COW PALACE (Continued) **S104161699**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 41070008
Status: Refer: Local Agency
Status Date: 06/30/1997
Site Code: 200581
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: Not reported
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: * Rmcjunki
Division Branch: Cleanup Sacramento
Assembly: 19
Senate: 11
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.70703
Longitude: -122.4154
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: GRAND NATIONAL JUNIOR RODEO
Alias Type: Alternate Name
Alias Name: 110033616451
Alias Type: EPA (FRS #)
Alias Name: 200581
Alias Type: Project Code (Site Code)
Alias Name: 41070008
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 10/07/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 06/30/1997
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

COW PALACE (Continued) **S104161699**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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206 **COW PALACE** **HIST CORTESE** **U001593974**
GENEVA AVE **HIST UST** **N/A**
DALY CITY, CA 94014

HIST CORTESE:
Region: CORTESE
Facility County Code: 41
Reg By: LTNKA
Reg Id: 41-0370

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000056314
Facility Type: Gas Station
Other Type: Not reported
Contact Name: BILL MENDES-BLDG. SUPERINTENDE
Telephone: 4154696000
Owner Name: STATE OF CALIF., NO. 1-A DISTR
Owner Address: GENEVA AVENUE & SANTOS STREET
Owner City,St,Zip: DALY CITY, CA 94014
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

206 **COW PALACE** **Notify 65** **U000052094**
GENEVA AND SANT **N/A**
DALY CITY, CA 92210

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

---

207 **COW PALACE** **SWEEPS UST** **S106924997**
P.O. BOX 34206/GENEVA/SANTOS **N/A**
DALY CITY, CA 94014

SWEEPS UST:

Status:	Not reported
Comp Number:	220087
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220087-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

---

208 **JUDE O'NEIL** **HAZNET** **S112849985**
80 ROBINSON DR **N/A**
DALY CITY, CA 94014

HAZNET:

envid:	S112849985
Year:	1994
GEPAID:	CAC000885200
Contact:	JUDE O'NEIL
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	80 ROBINSON DR
Mailing City,St,Zip:	DALY CITY, CA 940140000
Gen County:	Not reported
TSD EPA ID:	CAD059494310
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Disposal, Other
Tons:	1.5750
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

209 **COW PALACE** **LUST** **S105427665**
0 GENEVA **N/A**
DALY CITY, CA 94015

LUST:

Region:	STATE
Global Id:	T0608100352
Latitude:	37.7067959011732
Longitude:	-122.418860095215
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/04/1995
Lead Agency:	SAN MATEO COUNTY LOP
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	41-0370
LOC Case Number:	220022
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608100352
Contact Type:	Local Agency Caseworker
Contact Name:	JACOB MADDEN
Organization Name:	SAN MATEO COUNTY LOP
Address:	2000 ALAMEDA DE LAS PULGAS
City:	SAN MATEO
Email:	jmadden@smcgov.org
Phone Number:	6503726298

Global Id:	T0608100352
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0608100352
Status:	Open - Case Begin Date
Status Date:	11/28/1988

Global Id:	T0608100352
Status:	Completed - Case Closed
Status Date:	01/04/1995

Regulatory Activities:

Global Id:	T0608100352
Action Type:	Other
Date:	11/28/1988
Action:	Leak Reported

Global Id:	T0608100352

COW PALACE (Continued) **S105427665**

Action Type: ENFORCEMENT
Date: 11/25/1992
Action: Notice of Responsibility - #1

Global Id: T0608100352
Action Type: Other
Date: 12/08/1992
Action: Leak Discovery

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 220022
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

---

209 **RATTI BROS UNION STATION** **EDR Hist Auto** **1009001625**
2700 GENEVA AV **N/A**
SAN FRANCISCO, CA

EDR Historical Auto Stations:
Name: TOSCANINI S SERVICE STATION
Year: 1958
Type: GASOLINE STATIONS

Name: RATTI BROS UNION STATION
Year: 1962
Type: GASOLINE STATIONS

---

210 **RESIDENCE** **San Mateo Co. BI** **S106981709**
2301 GENEVA **N/A**
DALY CITY, CA 94014

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0023091
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0026261
Description: UNDERGROUND TANK - GENERAL
Facility Status: INACTIVE

211 **J & M COLLISION CENTER INC DBA J & M AUTO BODY** **HAZNET** **S118231615**
620 CARTER ST **N/A**
DALY CITY, CA 94014

HAZNET:

envid:	S118231615
Year:	2014
GEPAID:	CAL000325568
Contact:	DAVID GARCIA
Telephone:	4155870132
Mailing Name:	Not reported
Mailing Address:	620 CARTER ST
Mailing City,St,Zip:	DALY CITY, CA 940141456
Gen County:	San Mateo
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.1251
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

---

211 **J & M AUTO BODY SHOP** **EMI** **S108432151**
620 CARTER STREET **N/A**
DALY CITY, CA 94014

EMI:

Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	17057
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.503
Reactive Organic Gases Tons/Yr:	1.274406
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	17057
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.503
Reactive Organic Gases Tons/Yr:	1.274406
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

J & M AUTO BODY SHOP (Continued) **S108432151**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	17057
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.503
Reactive Organic Gases Tons/Yr:	1.274406
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	19359
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.503
Reactive Organic Gases Tons/Yr:	1.274406
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	19359
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.30599999999999999
Reactive Organic Gases Tons/Yr:	0.26010840000000002
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	19359

J & M AUTO BODY SHOP (Continued) **S108432151**

Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.20399999999999999
Reactive Organic Gases Tons/Yr:	0.19235340000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	19359
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.204
Reactive Organic Gases Tons/Yr:	0.1923534
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	19359
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.204
Reactive Organic Gases Tons/Yr:	0.1923534
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	19359
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.204

J & M AUTO BODY SHOP (Continued) **S108432151**

Reactive Organic Gases Tons/Yr: 0.1923534
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2014
County Code: 41
Air Basin: SF
Facility ID: 19359
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.20358805
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

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211 **J & M AUTO BODY SHOP** **FINDS** **1011976457**
620 CARTER STREET **N/A**
DALY CITY, CA 94014

FINDS:

Registry ID: 110038094665

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

STATE MASTER

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211 **THEE AFFORDABLE BRAKE & CLUTCH** **HAZNET** **S113072768**
620 CARTER STREET **N/A**
DALY CITY, CA 94014

HAZNET:
envid: S113072768
Year: 1999
GEPAID: CAL000128392
Contact: JEROME CASTILLO
Telephone: 4155879957
Mailing Name: Not reported
Mailing Address: 620 CARTER ST
Mailing City,St,Zip: DALY CITY, CA 940141456
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Not reported

THEE AFFORDABLE BRAKE & CLUTCH (Continued) **S113072768**

Tons: .4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Mateo

---

211 **EDR Hist Auto** **1015579252**
620 CARTER ST **N/A**
DALY CITY, CA 94014

EDR Historical Auto Stations:

Name: THE AFFORDABLE BRAKE & CLUTCH ETC
Year: 1999
Address: 620 CARTER ST

Name: THE AFFORDABLE BRAKE & CLUTCH ETC
Year: 2000
Address: 620 CARTER ST

Name: KMH AUTOMOTIVE
Year: 2001
Address: 620 CARTER ST

Name: CASELLA AUTO REPAIR
Year: 2002
Address: 620 CARTER ST

Name: THEE AFFORDABLE BRAKE & CLUTCH
Year: 2003
Address: 620 CARTER ST

Name: THEE AFFORDABLE BRAKE & CLUTCH
Year: 2004
Address: 620 CARTER ST

Name: K M H AUTOMOTIVE
Year: 2005
Address: 620 CARTER ST

Name: K M H AUTOMOTIVE
Year: 2006
Address: 620 CARTER ST

Name: ANS AUTOMATIC TRANSMISSION
Year: 2007
Address: 620 CARTER ST

Name: KMH AUTOMOTIVE
Year: 2008
Address: 620 CARTER ST

Name: K M H AUTOMOTIVE
Year: 2009
Address: 620 CARTER ST

Name: KMH AUTOMOTIVE
Year: 2010
Address: 620 CARTER ST

(Continued) **1015579252**

Name: KMH AUTOMOTIVE
Year: 2011
Address: 620 CARTER ST

Name: KMH AUTOMOTIVE
Year: 2012
Address: 620 CARTER ST

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211 **J & M AUTOBODY INC** **San Mateo Co. BI** **S102267839**
620 CARTER **N/A**
DALY CITY, CA 94014

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0036707
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0053604
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0006815
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010978
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0006815
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0038146
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0013673
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011008
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0015789
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0011015
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0015789
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0027492
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0028077
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT

J & M AUTOBODY INC (Continued) **S102267839**

Record Id: PR0046187
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0028077
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0048439
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0028078
Prog Element Code: GENERATES <27 GAL/YEAR
Record Id: PR0046189
Description: GENERATES <27 GAL/YEAR
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0029108
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0049281
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0029108
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0049280
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0029109
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0049284
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0029109
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0049283
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0036707
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0053603
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: INACTIVE

212 **VERIZON WIRELESS GENEVA BAYSHORE** **FINDS** **1016432126**
2200 GENEVA AVE 2600 GENEVA AVE **N/A**
DALY CITY, CA 94014

FINDS:

Registry ID: 110055837714

Environmental Interest/Information System
STATE MASTER

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213 **EDR Hist Cleaner** **1015028077**
2505 GENEVA AVE **N/A**
DALY CITY, CA 94014

EDR Historical Cleaners:
Name: SYC LAUNDROMAT
Year: 2007
Address: 2505 GENEVA AVE

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214 **THE PACIFICA GROUP LLC** **HAZNET** **S112985293**
2665 GENEVA AVE **N/A**
DALY CITY, CA 94014

HAZNET:
envid: S112985293
Year: 2011
GEPAID: CAC002665463
Contact: MICHAEL HUEBNER
Telephone: 6192969000
Mailing Name: Not reported
Mailing Address: 1785 HANCOCK ST STE 100
Mailing City,St,Zip: SAN DIEGO, CA 92110
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Latex waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.22935
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Mateo

envid: S112985293
Year: 2011
GEPAID: CAC002665463
Contact: MICHAEL HUEBNER
Telephone: 6192969000
Mailing Name: Not reported
Mailing Address: 1785 HANCOCK ST STE 100
Mailing City,St,Zip: SAN DIEGO, CA 92110
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

THE PACIFICA GROUP LLC (Continued) **S112985293**

(H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Mateo

---

215 **EDR Hist Auto** **1015368398**
2555 GENEVA AVE **N/A**
DALY CITY, CA 94014

EDR Historical Auto Stations:
Name: PALACE AUTO SERVICES INC
Year: 2006
Address: 2555 GENEVA AVE

Name: PALACE AUTO SVC INC
Year: 2010
Address: 2555 GENEVA AVE

Name: PALACE AUTO SERVICES INC
Year: 2011
Address: 2555 GENEVA AVE

Name: PALACE AUTO SERVICES INC
Year: 2012
Address: 2555 GENEVA AVE

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215 **PALACE AUTO SERVICES, INC** **San Mateo Co. BI** **S107472794**
2555 GENEVA **N/A**
DALY CITY, CA 94014

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0029419
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0050045
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0029419
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0050044
Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0029419
Prog Element Code: RECYCLER
Record Id: PR0050046
Description: RECYCLER
Facility Status: INACTIVE

215 | **EDR Hist Auto** | **1015369590** | **N/A**

2579 GENEVA AVE
DALY CITY, CA 94014

EDR Historical Auto Stations:

Name:	M VANS AUTOMOTIVE REPAIR
Year:	1999
Address:	2579 GENEVA AVE
Name:	M VANS AUTOMOTIVE REPAIR
Year:	2000
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2001
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2002
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2003
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2004
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2005
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2006
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2007
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2008
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2009
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2010
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2011
Address:	2579 GENEVA AVE
Name:	M YANS AUTOMOTIVE REPAIR
Year:	2012

(Continued) **1015369590**

Address: 2579 GENEVA AVE

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215 **M YAN AUTOMOTIVE REPAIR** **San Mateo Co. BI** **S102267848**
2579 GENEVA **N/A**
DALY CITY, CA 94014

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0022924
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0025818
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0022924
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0033970
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: ACTIVE

---

216 **EDR Hist Auto** **1015334421**
2207 WILDFLOWER CT **N/A**
DALY CITY, CA 94014

EDR Historical Auto Stations:
Name: AUTO LEGEND INC
Year: 2001
Address: 2207 WILDFLOWER CT

Name: AUTO LEGEND INC
Year: 2002
Address: 2207 WILDFLOWER CT

Name: AUTO LEGEND INC
Year: 2003
Address: 2207 WILDFLOWER CT

Name: AUTO LEGEND
Year: 2004
Address: 2207 WILDFLOWER CT

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217 **CHMIRS** **S105657708**
29155 OAK WAY **N/A**
CARMEL HIGHLANDS, CA 94014

CHMIRS:
OES Incident Number: 8-0744
OES notification: 02/13/1998
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported

(Continued) **S105657708**

Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1998
Agency:	PGE
Incident Date:	2/11/199812:00:00 AM
Admin Agency:	Monterey County County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Road
E Date:	Not reported
Substance:	Transformer Oil
Gallons:	8
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported

(Continued) **S105657708**

Description: Wind and tree toppled power pole with transformer

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218 **CHMIRS** **S100278119**
N/A

CALGARY STREET AND GENEVA AVENUE
DALY CITY, CA 94015

CHMIRS:

OES Incident Number:	118921
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**30-AUG-91**
Property Use:	962
Agency Id Number:	41035
Agency Incident Number:	91-2969
Time Notified:	1417
Time Completed:	1655
Surrounding Area:	Not reported
Estimated Temperature:	68
Property Management:	C
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	2
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	DON CIRUCCI, DCFD TO
Report Date:	30-AUG-91
Facility Telephone:	415 991-2969
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	30-AUG-91
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	28-JUL-92
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported

(Continued) **S100278119**

Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Y
Description:	Not reported

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219 **P G & E** **HAZNET** **S112963809**
607 CARTER ST **N/A**
DALY CITY, CA 94014

HAZNET:

envid:	S112963809
Year:	2007
GEPAID:	CAC002620405
Contact:	DON GILBERT
Telephone:	9259744170
Mailing Name:	Not reported
Mailing Address:	3401 Crow Canyon Rd
Mailing City,St,Zip:	SAN RAMON, CA 945830000
Gen County:	Not reported
TSD EPA ID:	CAT000646117
TSD County:	Not reported
Waste Category:	Polychlorinated biphenyls and material containing PCBs
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	40.45
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

---

219 **NORTHBAY PACIFIC THEATRE EQUIP** **San Mateo Co. BI** **S103892280**
607 CARTER **N/A**
DALY CITY, CA 94014

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0005626
Prog Element Code:	STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id:	PR0003626
Description:	STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status:	INACTIVE

219 **SYUFY ENTERPRISES** **HAZNET** **S112922279**
607 CARTER ST **N/A**
DALY CITY, CA 94014

HAZNET:

envid:	S112922279
Year:	2002
GEPAID:	CAC002552242
Contact:	RAJIV PARIKH
Telephone:	4154488321
Mailing Name:	Not reported
Mailing Address:	150 PELICAN WAY
Mailing City,St,Zip:	SAN RAFAEL, CA 949010000
Gen County:	Not reported
TSD EPA ID:	CAD981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	63.21
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

envid:	S112922279
Year:	2002
GEPAID:	CAC002552242
Contact:	RAJIV PARIKH
Telephone:	4154488321
Mailing Name:	Not reported
Mailing Address:	150 PELICAN WAY
Mailing City,St,Zip:	SAN RAFAEL, CA 949010000
Gen County:	Not reported
TSD EPA ID:	AZR000005454
TSD County:	Not reported
Waste Category:	Polychlorinated biphenyls and material containing PCBs
Disposal Method:	Recycler
Tons:	0.02
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

envid:	S112922279
Year:	2002
GEPAID:	CAC002552242
Contact:	RAJIV PARIKH
Telephone:	4154488321
Mailing Name:	Not reported
Mailing Address:	150 PELICAN WAY
Mailing City,St,Zip:	SAN RAFAEL, CA 949010000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Tons:	0.04
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

SYUFY ENTERPRISES (Continued) **S112922279**

envid:	S112922279
Year:	2002
GEPAID:	CAC002552242
Contact:	RAJIV PARIKH
Telephone:	4154488321
Mailing Name:	Not reported
Mailing Address:	150 PELICAN WAY
Mailing City,St,Zip:	SAN RAFAEL, CA 949010000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.34
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

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219 **CHMIRS** **S109040123**
607 CARTER STREET **N/A**
DALY CITY, CA

CHMIRS:

OES Incident Number:	7-4937
OES notification:	08/17/2007
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported

(Continued) **S109040123**

Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2007
Agency:	Pacific Gas and Electric
Incident Date:	8/17/2007 12:00:00 AM
Admin Agency:	San Mateo County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	Transformer Oil, Unknown PCB
Gallons:	100
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states 3 transformers were vandalized by the poles being cut and the transformers being taken to wooded area and set on fire.

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219 **NORTH BAY PACIFIC THEATER AND** **RCRA-SQG** **1000405014**
607 CARTER STREET **FINDS** **CAD982512741**
DALY CITY, CA 94014 **ECHO**

RCRA-SQG:

Date form received by agency:	05/23/1988
Facility name:	NORTH BAY PACIFIC THEATER AND
Facility address:	607 CARTER STREET DALY CITY, CA 94014
EPA ID:	CAD982512741
Mailing address:	150 GOLDEN GATE AVENUE SAN FRANCISCO, CA 94102
Contact:	ENVIRONMENTAL MANAGER
Contact address:	607 CARTER STREET DALY CITY, CA 94014
Contact country:	US
Contact telephone:	(415) 587-7550
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

NORTH BAY PACIFIC THEATER AND (Continued) **1000405014**

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	RAYMOND J. SYUFY
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002838252

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

NORTH BAY PACIFIC THEATER AND (Continued) **1000405014**

Envid: 1000405014
Registry ID: 110002838252
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002838252

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220 **COW PALACE** **LUST** **S104972741**
2600 GENEVA **San Mateo Co. BI** **N/A**
DALY CITY, CA 94014

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 220022
Facility Status: 9- Case Closed
Global ID: T0608100352
APN Number: 005050270
Case Type: SAN MATEO CO. LUST
EDR Link ID: SAN MATEO CO. LUST

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0010176
Prog Element Code: GENERATES and RECYCLES WASTE OIL/SOLVENT
Record Id: PR0010996
Description: GENERATES & RECYCLES WASTE OIL/SOLVENT
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0010176
Prog Element Code: STORES HAZ MAT <3,499GAL,27,999LB,13,999FT3
Record Id: PR0023771
Description: STORES HAZ MAT <3,499GAL,27,999LB,13,999CF
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0010176
Prog Element Code: 2352
Record Id: PR0067583
Description: TIER I: TANK STOR CAP =>1,320 & <5,000 GAL
Facility Status: ACTIVE

Region: SAN MATEO
Facility ID: FA0010176
Prog Element Code: ABOVE GROUND TANK/SPCC
Record Id: PR0047498
Description: ABOVE GROUND TANK/SPCC
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0010176
Prog Element Code: UNDERGROUND TANK - GENERAL
Record Id: PR0022311
Description: UNDERGROUND TANK - GENERAL
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0028900
Prog Element Code: STORES HAZ MAT <219GAL,1,999LB, 879FT3
Record Id: PR0048729

COW PALACE (Continued) **S104972741**

Description: STORES HAZ MAT <219GAL,1,999LB, 879CF
Facility Status: INACTIVE

Region: SAN MATEO
Facility ID: FA0045385
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0059070
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: INACTIVE

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220 **COW PALACE** **AST** **A100339564**
2600 GENEVA **N/A**
DALY CITY, CA

AST:
Certified Unified Program Agencies: San Mateo
Owner: Not reported
Total Gallons: 1,320
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported
Owner Phone: Not reported
Owner Mail Address: Not reported
Owner State: Not reported
Owner Zip Code: Not reported
Owner Country: Not reported
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

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220 **COW PALACE** **HAZNET** **S112964547**
2600 GENEVA AVE **N/A**
DALY CITY, CA 94014

HAZNET:
envid: S112964547
Year: 2007
GEPAID: CAC002621526
Contact: RUTH SIATUU
Telephone: 4154044129
Mailing Name: Not reported
Mailing Address: PO BOX 34206
Mailing City,St,Zip: SAN FRANCISCO, CA 941340206

COW PALACE (Continued) **S112964547**

Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.15
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

envid:	S112964547
Year:	2007
GEPAID:	CAC002621526
Contact:	RUTH SIATUU
Telephone:	4154044129
Mailing Name:	Not reported
Mailing Address:	PO BOX 34206
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340206
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.62
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

envid:	S112964547
Year:	2007
GEPAID:	CAC002621526
Contact:	RUTH SIATUU
Telephone:	4154044129
Mailing Name:	Not reported
Mailing Address:	PO BOX 34206
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340206
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.08
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

220 **VERIZON WIRELESS (GENEVA BAYSH** **EMI** **S113748199**
2600 GENEVA AVENUE **N/A**
DALY CITY, CA 94014

EMI:

Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	18958
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.0000000000000002E-3
Reactive Organic Gases Tons/Yr:	6.6936000000000001E-3
Carbon Monoxide Emissions Tons/Yr:	5.9999999999999998E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.13700000000000001
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	7.1721311475409803E-3
Part. Matter 10 Micrometers and Smllr Tons/Yr:	7.0000000000000001E-3

Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	18958
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.008
Reactive Organic Gases Tons/Yr:	0.0066936
Carbon Monoxide Emissions Tons/Yr:	0.06
NOX - Oxides of Nitrogen Tons/Yr:	0.137
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	18958
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.005
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	41
Air Basin:	SF

VERIZON WIRELESS (GENEVA BAYSH (Continued) **S113748199**

Facility ID:	18958
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.002
NOX - Oxides of Nitrogen Tons/Yr:	0.005
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	18958
Air District Name:	BA
SIC Code:	4812
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.000244284
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001777949
NOX - Oxides of Nitrogen Tons/Yr:	0.004079572
SOX - Oxides of Sulphur Tons/Yr:	7.286e-006
Particulate Matter Tons/Yr:	0.000229914
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000220717

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220 **I-A DISTRICT AGRICULTURAL ASSOCIATION - COW PALACE** **HAZNET** **S113158286**
2600 GENEVA AVE **N/A**
DALY CITY, CA 94014

HAZNET:

envid:	S113158286
Year:	2011
GEPAID:	CAL000351103
Contact:	TOM MENDES, MAINT & OPTNS SUP.
Telephone:	4154044127
Mailing Name:	Not reported
Mailing Address:	PO BOX 34206
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340206
Gen County:	Not reported
TSD EPA ID:	CA981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.8
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

envid:	S113158286
Year:	2011
GEPAID:	CAL000351103

I-A DISTRICT AGRICULTURAL ASSOCIATION - COW PALACE (Continued) **S113158286**

Contact:	TOM MENDES, MAINT & OPTNS SUP.
Telephone:	4154044127
Mailing Name:	Not reported
Mailing Address:	PO BOX 34206
Mailing City,St,Zip:	SAN FRANCISCO, CA 941340206
Gen County:	Not reported
TSD EPA ID:	CA981382732
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.8
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	San Mateo

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220 **VERIZON WIRELESS (GENEVA BAYSH** **FINDS** **1016788132**
2600 GENEVA AVENUE **N/A**
DALY CITY, CA 94014

FINDS:

Registry ID: 110058310965

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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220 **VERIZON WIRELESS GENEVA BAYSHORE** **San Mateo Co. BI** **S106499652**
2600 GENEVA **N/A**
DALY CITY, CA 94014

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0027826
Prog Element Code:	STORES HAZ MAT <1,199GAL,9,999LB,4,799FT3
Record Id:	PR0044975
Description:	STORES HAZ MAT <1,199GAL,9,999LB,4,799CF
Facility Status:	ACTIVE

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221 **HILLSIDE VILLAGE AKA SCHINDEL PROPERTY** **LUST** **S106610996**
0 CARTER & MARTIN **SLIC** **N/A**
DALY CITY, CA 94015

SAN MATEO CO. LUST:

Region:	SAN MATEO
Facility ID:	229047
Facility Status:	9- Case Closed
Global ID:	T0608130089
APN Number:	Not reported
Case Type:	SAN MATEO CO. LUST
EDR Link ID:	SAN MATEO CO. LUST

SLIC:

HILLSIDE VILLAGE AKA SCHINDEL PROPERTY (Continued) **S106610996**

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/16/1993
Global Id:	T0608130089
Lead Agency:	SAN MATEO COUNTY LOP
Lead Agency Case Number:	229047
Latitude:	37.703686043939
Longitude:	-122.423701286316
Case Type:	Cleanup Program Site
Case Worker:	JM
Local Agency:	SAN MATEO COUNTY LOP
RB Case Number:	41-0740
File Location:	Local Agency
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

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221 **SCHINDEL PROPERTY** **RGA LUST** **S114683671**
CARTER & MARTIN **N/A**
DALY CITY, CA

RGA LUST:

1998	SCHINDEL PROPERTY	CARTER & MARTIN
1997	SCHINDEL PROPERTY	CARTER & MARTIN
1996	SCHINDEL PROPERTY	CARTER & MARTIN
1995	SCHINDEL PROPERTY	CARTER & MARTIN
1994	SCHINDEL PROPERTY	CARTER & MARTIN
1993	SCHINDEL PROPERTY	CARTER & MARTIN

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222 **CITY OF DALY CITY** **San Mateo Co. BI** **S103171217**
463 MARTIN **N/A**
DALY CITY, CA 94015

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0008653
Prog Element Code:	UNDERGROUND TANK - GENERAL
Record Id:	PR0022294
Description:	UNDERGROUND TANK - GENERAL
Facility Status:	INACTIVE

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222 **CITY OF DALY CITY** **HAZNET** **S112884742**
463 MARTIN **N/A**
DALY CITY, CA 94015

HAZNET:

envid:	S112884742
Year:	1998
GEPAID:	CAC001355592
Contact:	CITY OF DALY CITY
Telephone:	9163751000
Mailing Name:	Not reported
Mailing Address:	33 90TH STREET

CITY OF DALY CITY (Continued) **S112884742**

Mailing City,St,Zip: DALY CITY, CA 940150000
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: .2500
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Mateo

envid: S112884742
Year: 1998
GEPAID: CAC001355592
Contact: CITY OF DALY CITY
Telephone: 9163751000
Mailing Name: Not reported
Mailing Address: 33 90TH STREET
Mailing City,St,Zip: DALY CITY, CA 940150000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 1.2926
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Mateo

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223 **HASKING EQUIPMENT COMPANY** **HAZNET** **S112884454**
506 ALEXIS CIRCLE **N/A**
DALY CITY, CA 94014

HAZNET:
envid: S112884454
Year: 1997
GEPAID: CAC001352520
Contact: HASKING EQUIPMENT COMPANY
Telephone: 4154683404
Mailing Name: Not reported
Mailing Address: 506 ALEXIS CIRCLE
Mailing City,St,Zip: DALY CITY, CA 940140000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .7000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: San Mateo

224 **STATION 93** **San Mateo Co. BI** **S104972755**
464 MARTIN **N/A**
DALY CITY, CA 94015

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0025708
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0034949
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	ACTIVE

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225 **CITY OF DALY CITY** **EMI** **S107620552**
450 MARTIN STREET **N/A**
DALY CITY, CA 94014

EMI:

Year:	2004
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.002
Reactive Organic Gases Tons/Yr:	0.0016734
Carbon Monoxide Emissions Tons/Yr:	0.007
NOX - Oxides of Nitrogen Tons/Yr:	0.031
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001952

Year:	2005
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.002
Reactive Organic Gases Tons/Yr:	.0016734
Carbon Monoxide Emissions Tons/Yr:	.007
NOX - Oxides of Nitrogen Tons/Yr:	.031
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.002
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.001952

Year:	2006
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

CITY OF DALY CITY (Continued) **S107620552**

Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.018
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Year:	2007
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.018
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Year:	2008
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.001
Reactive Organic Gases Tons/Yr:	.0008367
Carbon Monoxide Emissions Tons/Yr:	.004
NOX - Oxides of Nitrogen Tons/Yr:	.016
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000976

Year:	2009
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001
Reactive Organic Gases Tons/Yr:	8.3670000000000001E-4
Carbon Monoxide Emissions Tons/Yr:	4.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr:	0.016
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001

CITY OF DALY CITY (Continued) **S107620552**

Part. Matter 10 Micrometers and Smllr Tons/Yr: 9.7599999999999998E-4

Year:	2010
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	2.5100999999999999E-3
Carbon Monoxide Emissions Tons/Yr:	7.0000000000000001E-3
NOX - Oxides of Nitrogen Tons/Yr:	3.7999999999999999E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00204918032786885
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002

Year:	2011
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.003
Reactive Organic Gases Tons/Yr:	0.0025101
Carbon Monoxide Emissions Tons/Yr:	0.007
NOX - Oxides of Nitrogen Tons/Yr:	0.038
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.003
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	41
Air Basin:	SF
Facility ID:	14103

CITY OF DALY CITY (Continued) **S107620552**

Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.001
NOX - Oxides of Nitrogen Tons/Yr:	0.003
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	41
Air Basin:	SF
Facility ID:	14103
Air District Name:	BA
SIC Code:	9199
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.001877018
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.003609009
NOX - Oxides of Nitrogen Tons/Yr:	0.032485637
SOX - Oxides of Sulphur Tons/Yr:	3.5957e-005
Particulate Matter Tons/Yr:	0.001141256
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001095605

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225 **CITY OF DALY CITY** **FINDS** **1011986501**
450 MARTIN STREET **N/A**
DALY CITY, CA 94014

FINDS:

Registry ID: 110037993847

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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225 **BAYSHORE PUMP STATION** **San Mateo Co. BI** **S106498856**
450 MARTIN **N/A**
DALY CITY, CA 94015

San Mateo Co. BI:

Region:	SAN MATEO
Facility ID:	FA0026649
Prog Element Code:	STORES MV FUELS OR WASTE ONLY
Record Id:	PR0038716
Description:	STORES MV FUELS OR WASTE ONLY
Facility Status:	ACTIVE

225 **BAYSHORE PUMP STATION** **SWEEPS UST** **S106923137**
450 MARTIN ST **N/A**
DALY CITY, CA 94015

SWEEPS UST:

Status:	Active
Comp Number:	220067
Number:	4
Board Of Equalization:	Not reported
Referral Date:	05-13-94
Action Date:	05-13-94
Created Date:	06-11-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	41-000-220067-000001
Tank Status:	A
Capacity:	500
Active Date:	03-29-94
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

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226 **MARTIN PUMP STATION** **HIST UST** **U001594036**
400 MARTIN STREET **N/A**
DALY CITY, CA 94015

HIST UST:

File Number:	0002BD54
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002BD54.pdf
Region:	STATE
Facility ID:	00000068720
Facility Type:	Other
Other Type:	PUMP STATION
Contact Name:	WAYNE HALLENBECK
Telephone:	4159918145
Owner Name:	CITY OF DALY CITY
Owner Address:	333 90TH STREET
Owner City,St,Zip:	DALY CITY, CA 94015
Total Tanks:	0001
Tank Num:	001
Container Num:	11
Year Installed:	1986
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	4
Container Construction Thickness:	X
Leak Detection:	Sensor Instrument

Click here for Geo Tracker PDF:

227 **CITY OF DALY CITY** **CA FID UST** **S101594034**
MARTIN & RIO VERDE ST **N/A**
DALY CITY, CA 94015

CA FID UST:

Facility ID:	41004844
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	333 090TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	DALY CITY 94015
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

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228 **LANDMARK** **NPDES** **S111291997**
LILY COURT AT SILVERSPOT DRIVE **N/A**
BRISBANE, CA 94005

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	2
Regulatory Measure Id:	420181
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	2 41C362048
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	4/12/2016
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	9/16/2011
PROCESSED DATE:	9/27/2011
STATUS CODE NAME:	Terminated
STATUS DATE:	5/3/2016
PLACE SIZE:	20
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Rick Nelson
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	925-855-0260
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	rnelson@tollbrothersinc.com
OPERATOR NAME:	Toll Brothers Inc
OPERATOR ADDRESS:	6800 Koll Center Parkway

LANDMARK (Continued) **S111291997**

OPERATOR CITY:	Pleasanton
OPERATOR STATE:	California
OPERATOR ZIP:	94583
OPERATOR CONTACT NAME:	Rick Nelson
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	925-855-0260
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	rnelson@tollbrothersinc.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Toll Brothers Inc
DEVELOPER ADDRESS:	2000 Crow Canyon Place
DEVELOPER CITY:	San Ramon
DEVELOPER STATE:	California
DEVELOPER ZIP:	94583
DEVELOPER CONTACT NAME:	Rick Nelson
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Y
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Rick Nelson
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	16-SEP-11
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	0
Region:	2
Regulatory Measure Id:	420181
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	2 41C362048
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/27/2011
Expiration Date Of Regulatory Measure:	Not reported

LANDMARK (Continued) **S111291997**

Termination Date Of Regulatory Measure:	04/12/2016
Discharge Name:	Toll Brothers Inc
Discharge Address:	6800 Koll Center Parkway
Discharge City:	Pleasanton
Discharge State:	California
Discharge Zip:	94583
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported

LANDMARK (Continued) **S111291997**

CERTIFIER TITLE: Not reported
CERTIFICATION DATE: Not reported
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

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229 **GOLDEN ASTER BOOSTER PUMP STATION** **San Mateo Co. BI** **S114561910**
50 GOLDEN ASTER **N/A**
BRISBANE, CA 94005

San Mateo Co. BI:
Region: SAN MATEO
Facility ID: FA0054501
Prog Element Code: STORES MV FUELS OR WASTE ONLY
Record Id: PR0075160
Description: STORES MV FUELS OR WASTE ONLY
Facility Status: ACTIVE

Count: 253 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BRISBANE	S112916391	SIERRA POINT ENVRNMNTL MNGMNT ASSOC	HWY 101 @ SIERRA POINT PKWY	94005	HAZNET
BRISBANE	1003879862	BRISBANE DUMP SITE	HWY 101 ON SAN FRANC./SAN MATEO CTY LINE	94005	SEMS-ARCHIVE
BRISBANE	S113758900	SMC RADIO-BRISBANE ICE HOUSE	BAYSHORE & GUADALUPE	94005	San Mateo Co. BI
BRISBANE	S101482228	SOUTHERN PACIFIC LANDFILL	BETWEEN TUNNEL AVENUE & HIGHWAY 101	94005	ENVIROSTOR
BRISBANE	1000344998	SO PACIFIC TRANS CO	E/OLD BAYSHORE RD AT GENEVA	94005	SEMS
BRISBANE	S113757485	MARTIN SUBSTATION	GENEVA	94005	San Mateo Co. BI
BRISBANE	A100338493	MARTIN SUBSTATION #H	3150 GENEVA	94005	AST
BRISBANE	S112855697	THE MARTIN SUB STATION	3150 GENEVA AVE	94005	HAZNET
BRISBANE	S112932356	ONE SAN BRUNO LLC	ONE SAN BRUNO AVE	94005	HAZNET
BRISBANE	S112846425	1X GILBRECH, GALEN	#1 SAN BRUNO AV	94005	HAZNET
COLMA	S106922369	ABBEY HOMESTEAD NURSERY	CAMPBELL AVE & HILLS	94014	SWEEPS UST
DALY CITY	S108432370	LIVE 105	N 04 RADIO RD, SAN BRUNO MTN	94014	EMI
DALY CITY	S112970303	CALTRANS DIST 04/INSTALL CON BARRIER/EA:449204	RT 1 PM: 47.6	94014	HAZNET
DALY CITY	S112977217	CALTRANS D-4/EA04-270844	RTE 280 PM 18.5-48.5	94014	HAZNET
DALY CITY	1003878889	PG&E GAS PLANT DALY CITY	SW COR SCHERWIN & GENEVA STS	94014	SEMS-ARCHIVE
DALY CITY	S112914983	STANDARD PACIFIC	NW CORNER OF MARTIN & CARTER ST	94014	HAZNET
DALY CITY	S117976045	PG&E: MARTIN SERVICE CENTER	3004 GENEVA	94014	San Mateo Co. BI
DALY CITY	S106568328	SF WATER DEPARTMENT (PG&E MARTIN)	GENEVA AVENUE & BAYSHORE BLVD	94014	VCP, ENVIROSTOR
DALY CITY	S118408982	COW PALACE	GENEVA AVENUE AND SANTOS	94014	HIST UST
DALY CITY	S117976172	BART DALY CITY SUBSTATION	400 JOHN DALY	94014	San Mateo Co. BI
DALY CITY	S109603588	CITY OF DALY CITY	850 SADDLEBACK DRIVE	94014	EMI
DALY CITY	S103723158	SCHINDEL PROPERTY	UNKNOWN CARTER & MARTIN	94014	HIST CORTESE
SAN FRANCISCO	S114629232	GROSVENOR BUS LINES	350 08TH ST.		RGA LUST
SAN FRANCISCO	S112851541	1X CAL TRANS	ROUTE 101 BETWEEN COURTLAND &	94005	HAZNET
SAN FRANCISCO	S113054208	DEPT OF TRANSPORTATION/CALTRANS	RTE 280 BTWN GALVEZ & 25TH ST	94124	HAZNET
SAN FRANCISCO	S114714526	UNOCAL	3RD & EVANS		RGA LUST
SAN FRANCISCO	S114566158	3RD STREET LIGHT RAIL PROJECT SEG.B	3RD STREET & 16TH STREET		RGA LUST
SAN FRANCISCO	S114625299	GAEHWILER CONST.	3RD & 19TH		RGA LUST
SAN FRANCISCO	S112867103	CITY & CNTY OF S F/PUB HEALTH DEPT	3RD ST AND ISLAIS CREEK ON THE	94124	HAZNET
SAN FRANCISCO	S114713692	UNOCAL STATION #0426	3800 3RD & EVANS		RGA LUST
SAN FRANCISCO	S114566157	3RD STREET LIGHT RAIL PROJECT SEG.B	3RD STREET & 16TH STREET		RGA LUST
SAN FRANCISCO	S113170416	CITY AND COUNTY OF SAN FRANCISCO	ARMSTRONG ST BETWEEN JENNINGS AND KEITH	94124	HAZNET
SAN FRANCISCO	S114675876	RESIDENCE	2375 7 BAY ST		RGA LUST
SAN FRANCISCO	S114581929	BEAVERSTONE BY DEVELOPMENT CO	BAY TAYLOR POINT N		RGA LUST
SAN FRANCISCO	S114691509	SIMONE PROPERTY	2143 5 BAY ST		RGA LUST
SAN FRANCISCO	S114581928	BEAVERSTONE BAY DEVELOPMENT CO	BAY,TAYLOR,N.POINT		RGA LUST
SAN FRANCISCO	S114706498	TREASURE ISLAND NS 230	BUILDING YERBA BUENA ISLAN		RGA LUST
SAN FRANCISCO	S114706497	TREASURE ISLAND NS 230	BUILDING 8 YERBA BUENA ISLAND		RGA LUST
SAN FRANCISCO	S117696500	CABLE ROUTE POINT ARENA TO S F	CABLE ROUTE POINT ARENA TO S F		NPDES
SAN FRANCISCO	S118398068	JERROLD AVENUE SPAN 1 REMOVAL PHASE II AND QUINT STREET BRID	CALTRAIN ROW AT JERROLD AVENUE AND QUINT STREET	94124	NPDES
SAN FRANCISCO	S112929220	MERCY HOUSING CALIFORNIA XXIV	522 CARTER	94134	HAZNET

Count: 253 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN FRANCISCO	S112859555	JOSE CASTELLANOS	1019 LA CONTE	94124	HAZNET
SAN FRANCISCO	S106235153	CATELLUS - MISSION BAY PROJECT	CRISS 3RD & MARIPOSA		SLIC
SAN FRANCISCO	S114732284	SAN FRANCISCO SOLID WASTE TRAN & REC CNT	SW CRNR HWY 101 & SF/SAN MATEO CO LINE		RGA LF
SAN FRANCISCO	S112993728	CITY & COUNTY OF SAN FRANCISCO	CROSS OF SUNNYDALE ST & DELTA ST	94134	HAZNET
SAN FRANCISCO	S114634800	IMBELLONI CONSTRUCTION COMPANY	EGBERT AVE		RGA LUST
SAN FRANCISCO	S112868061	CITY & COUNTY OF SAN FRANCISCO	EMBARCADERO & SAN FRANCISCO ST	94124	HAZNET
SAN FRANCISCO	S112955829	ROBERTO AGUIRRE	END OF WATERVILLE ST	94124	HAZNET
SAN FRANCISCO	S118414204	PORTOLA RECEREATION CENTER	FELTON STREET	94134	HIST UST
SAN FRANCISCO	U001595811	PORTOLA RECREATION CENTER	FELTON STREET	94134	HIST UST
SAN FRANCISCO	S114607525	COW PALACE	GENEVA AVE		RGA LUST
SAN FRANCISCO	S112955312	FERGUS SULLIVAN	2665 GENEVA AVE	94134	HAZNET
SAN FRANCISCO	S118908376	CITY AND COUNTY OF SAN FRANCISCO	GENEVA AND DELANO	94112	HAZNET
SAN FRANCISCO	S112912911	GILMAN PLAYGOUNDS/CITY & CNTY OF S F	GILMAN AVE/GILMAN PLAYGOUND	94124	HAZNET
SAN FRANCISCO	S114627721	GOLDEN GATE PARK CONSERVATORY	0 GOLDEN GATE PARK		RGA LUST
SAN FRANCISCO	S114627722	GOLDEN GATE PARK CONSERVATORY	GOLDEN GATE PARK		RGA LUST
SAN FRANCISCO	S114710366	UNKNOWN	HUNT & 3RD		RGA LUST
SAN FRANCISCO	S112997759	CITY & COUNTY OF SAN FRANCISCO	INTE SAN JOSE AVE & SERGEANT YOUNG	94112	HAZNET
SAN FRANCISCO	S114734534	YOSEMITE SLOUGH IDS	INTERSECTION OF YOSEMITE & HAWES ST		RGA LF
SAN FRANCISCO	1012210415	EPA	INTERSECTION OF YOSEMITE AVE	94124	RCRA NonGen / NLR
SAN FRANCISCO	1012305342	EPA	INTERSECTION OF YOSEMITE AVE	94124	FINDS, ECHO
SAN FRANCISCO	S113146541	CCSF PUC MCLAREN TANKS	1700 JOHN F SHELLEY DR	94134	HAZNET
SAN FRANCISCO	S112940537	CITY & COUNTY OF SAN FRANCISCO PUC	1700 JOHN F SHELLEY DR	94134	HAZNET
SAN FRANCISCO	S114685291	SF POLICE DEPARTMENT	JOHN YOUNG LANE		RGA LUST
SAN FRANCISCO	S113152285	PACIFIC GAS & ELECTRIC MARTIN TO HUNTERS POINT	LAT 37.73 LONG -122.40	94134	HAZNET
SAN FRANCISCO	S114593440	CCSF - PARK&REC - AUTO REPA	100 MARTIN LUTHER KIN		RGA LUST
SAN FRANCISCO	S106826739	BAY CITIES LITHO	50 MENDELL STRT # 5	94124	EMI
SAN FRANCISCO	S114651781	MISSION BAY	0 MISSION BAY DEVELO		RGA LUST
SAN FRANCISCO	1003878799	CANDLESTICK PT STATE REC AREA	S OF HUNTERS PT	94124	SEMS-ARCHIVE
SAN FRANCISCO	S113041789	VIP LITHO	ONE NEWHALL STREET	94124	HAZNET
SAN FRANCISCO	S112950039	PORT OF SAN FRANCISCO	PIER 49 AT PORT OF SAN FRANCISCO	94124	HAZNET
SAN FRANCISCO	S113086117	BREDA TRANSPORTATION INC	PORT OF SAN FRANCISCO	94124	HAZNET
SAN FRANCISCO	S113110138	SEARIVER HINCHINBROOK	PORT OF SAN FRANCISCO VARIOUS PORTS	94124	HAZNET
SAN FRANCISCO	S113110077	SEARIVER PUGET SOUND	PORT OF SAN FRANCISCO VARIOUS PORTS	94124	HAZNET
SAN FRANCISCO	S113177817	PACIFIC GAS & ELECTRIC/POTRERO TO HUNTERS PT 115 KV UNDERGRO	POTRERO TO HUNTERS POINT	94124	HAZNET
SAN FRANCISCO	S114657547	MUNI KIRKLAND BUS YARD	0 POWELL & BEACH & S		RGA LUST
SAN FRANCISCO	U004124412	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124440	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124353	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124437	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124377	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124329	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124432	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124274	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124285	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124360	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST

Count: 253 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN FRANCISCO	U004124402	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124258	PRESIDIO/PRESIDIO	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124314	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124316	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124320	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124375	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124409	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124336	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124442	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124417	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124273	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124263	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124310	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124404	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124327	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124363	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124303	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124369	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124348	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124281	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124358	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124325	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124271	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124428	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124443	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124257	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124407	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124311	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124318	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124251	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124246	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124343	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124333	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124264	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124250	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124324	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124387	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124279	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124445	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124322	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124260	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124441	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124312	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124283	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124313	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124388	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124247	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST

Count: 253 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN FRANCISCO	U004124398	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124351	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124289	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124357	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124414	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124444	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124397	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124265	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124430	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124419	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124326	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124330	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124255	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124413	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124365	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124435	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124385	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124305	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124280	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124425	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124268	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124421	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124379	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124304	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124347	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124420	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124371	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124262	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124394	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124408	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124323	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124396	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124243	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124372	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124256	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124436	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124439	PRESIDIO/340	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124352	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124276	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124391	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124272	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124308	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124293	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124340	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124344	PRESIDIO/FILL SITE	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124416	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124244	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST

Count: 253 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN FRANCISCO	U004124346	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124384	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124266	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124399	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124297	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124277	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124368	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124317	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124382	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124298	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124299	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124301	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124349	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124287	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124383	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124403	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124429	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124378	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124249	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124278	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124426	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124275	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124286	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124248	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124341	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124392	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124433	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124269	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124300	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124259	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124446	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124370	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124393	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124386	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124342	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124395	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124424	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124315	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124334	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124380	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124381	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124306	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124410	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124354	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124295	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124253	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124411	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST

Count: 253 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN FRANCISCO	U004124355	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124282	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124337	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124438	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124261	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124288	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124335	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	U004124345	PRESIDIO/BUILDING	PRESIDIO OF SAN		UST
SAN FRANCISCO	S118209880	PENINSULA CORRIDOR JOINT POWERS BOARD	QUINT ST. BTW NEWCOMB AND JERROLD	94124	HAZNET
SAN FRANCISCO	S113082135	SCHERBA'S AUTO STORES_#13	2500 SAN GRUNO	94134	HAZNET
SAN FRANCISCO	S114570295	ALLIANCE SERVICE STATION	695 9 SAN JOSE AVE		RGA LUST
SAN FRANCISCO	S114576642	ARCO	2099 29TH(& SAN JOSE AVE)		RGA LUST
SAN FRANCISCO	1003878518	ISLAIS CREEK AREA	E SIDE OF BAY	94124	SEMS-ARCHIVE
SAN FRANCISCO	S113066171	ROMEO FLORESCA DMD	#9 SILLIMAN STREET	94134	HAZNET
SAN FRANCISCO	S113881968	VISITACION VALLEY REDEVELOPMENT ZONE 1 REMEDIAL DESIGN INTER	SUNNYDALE AND BAYSHORE BLVD	94134	NPDES
SAN FRANCISCO	S100538896	CANDLESTICK PARK STATE RECREATION AREA	THOMAS AND YOSEMITE AVENUES	94124	ENVIROSTOR
SAN FRANCISCO	S114657548	MUNI KIRKLAND BUS YARD	UNKNOWN POWELL & BEACH & STOCKTON & NORTH P		RGA LUST
SAN FRANCISCO	S114657549	MUNI KIRKLAND BUS YARD	UNKNOWN POWELL & BEACH &		RGA LUST
SAN FRANCISCO	S114651783	MISSION BAY	UNKNOWN MISSION BAY DEVEL		RGA LUST
SAN FRANCISCO	S114627723	GOLDEN GATE PARK CONSERVATORY	UNKNOWN GOLDEN GATE PARK		RGA LUST
SAN FRANCISCO	S114651782	MISSION BAY	UNKNOWN MISSION BAY DEVELOPMENT		RGA LUST
SAN FRANCISCO	S114627724	GOLDEN GATE PARK CONSERVATO	UNKNOWN GOLDEN GATE PARK		RGA LUST
SAN FRANCISCO	S112912912	COFFMAN POOL/CITY & CNTY OF S F	VISITACION ST/COFFMAN POOL	94124	HAZNET
SAN FRANCISCO COUNTY	M300003201	MISSION VALLEY ROCK CO.	SAN FRANCISCO SAND		US MINES
SAN FRANCISCO COUNTY	M300003200	HANSON AGGREGATES WEST, INC.	TIDEWATER SAN FRANCISCO		US MINES
SAN MATEO	S112972401	CALTRANS D-4/CONSTR/EA04-1L9303	RTE 1 NB PM 46.7	94014	HAZNET

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/20/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Quarterly

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/20/2016
Date Made Active in Reports: 01/06/2017
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/25/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/15/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/15/2016
Date Data Arrived at EDR: 11/29/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 37

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 12/05/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 67

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/02/2017
Date Data Arrived at EDR: 03/02/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 93

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/13/2017
Next Scheduled EDR Contact: 05/29/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/03/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/08/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 38

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/03/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Varies

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/24/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/17/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/17/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/26/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/06/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 65

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 04/07/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2017
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/22/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Biennially

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/25/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 36

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/29/2017
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/11/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Varies

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92
Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/07/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 10/11/2016
Date Data Arrived at EDR: 11/16/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/15/2017
Next Scheduled EDR Contact: 05/29/2017
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36
Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 36
Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/10/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/14/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 21

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/13/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/11/2016
Date Data Arrived at EDR: 12/20/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/21/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Quarterly

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2016
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 73

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/22/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Quarterly

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/15/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 66

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/15/2017
Next Scheduled EDR Contact: 05/29/2017
Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/17/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/15/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 107

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/15/2017
Next Scheduled EDR Contact: 05/29/2017
Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 10/06/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 04/14/2017
Number of Days to Update: 121

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/14/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 64

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/14/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/14/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 40

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/14/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/16/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/01/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/27/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Varies

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 83

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/25/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 37

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/14/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/24/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/14/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 12/22/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/03/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/06/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/20/2017
Number of Days to Update: 45

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/24/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 12/06/2016
Date Data Arrived at EDR: 12/09/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 40

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 09/23/2016
Date Made Active in Reports: 10/24/2016
Number of Days to Update: 31

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/21/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Varies

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 08/26/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 49

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/13/2017
Next Scheduled EDR Contact: 05/29/2017
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/31/2016
Date Data Arrived at EDR: 11/01/2016
Date Made Active in Reports: 01/18/2017
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/31/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/22/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/22/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Quarterly

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 78

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/14/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 86

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Varies

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 01/03/2017
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/11/2017
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 04/26/2017
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/13/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/13/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Varies

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/06/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/03/2017
Number of Days to Update: 87

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/07/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: No Update Planned

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 120
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 119
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/24/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/26/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/14/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 35

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/10/2016
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 90

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 04/14/2017
Number of Days to Update: 37

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 23

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/17/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/26/2017
Number of Days to Update: 65

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 01/31/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/14/2017
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/22/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 55

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/10/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 51

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 01/23/2017
Date Data Arrived at EDR: 01/25/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 36

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 63

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/14/2016
Date Data Arrived at EDR: 12/16/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 6

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

LAKE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
Cupa facility list

Date of Government Version: 01/18/2017
Date Data Arrived at EDR: 01/20/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 41

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 66

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 10/18/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 58

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/18/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/13/2016
Number of Days to Update: 68

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/04/2016
Date Data Arrived at EDR: 10/11/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 93

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 12/09/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 41

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/19/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 79

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 42

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/05/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 17

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/09/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/09/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 44

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/06/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2016
Date Data Arrived at EDR: 11/11/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 73

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/03/2016
Date Data Arrived at EDR: 11/08/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 65

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/07/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/18/2017
Date Data Arrived at EDR: 04/20/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 1

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 10/25/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 56

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/08/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 56

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/09/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 03/03/2017
Number of Days to Update: 80

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 10/05/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 86

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/10/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/03/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 52
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/21/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/14/2017
Number of Days to Update: 49
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/17/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 59
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/22/2016
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/09/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 14

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 59

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/10/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 75

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/06/2017
Next Scheduled EDR Contact: 05/22/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 11/16/2016
Date Data Arrived at EDR: 11/21/2016
Date Made Active in Reports: 01/19/2017
Number of Days to Update: 59

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/13/2016
Date Data Arrived at EDR: 12/16/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 76

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 1

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/09/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/22/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/09/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 12/22/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 65

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 55

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 03/06/2017
Next Scheduled EDR Contact: 06/19/2017
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/25/2017
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 34

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 01/17/2017
Number of Days to Update: 82

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/13/2017
Next Scheduled EDR Contact: 05/29/2017
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 89

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2016
Date Data Arrived at EDR: 12/14/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 29

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/15/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/12/2017
Number of Days to Update: 55

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 10/28/2016
Date Data Arrived at EDR: 11/03/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 42

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/30/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 01/03/2017
Number of Days to Update: 96

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/11/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/01/2017
Next Scheduled EDR Contact: 05/08/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/18/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/21/2017
Next Scheduled EDR Contact: 06/05/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/13/2017
Next Scheduled EDR Contact: 06/26/2017
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

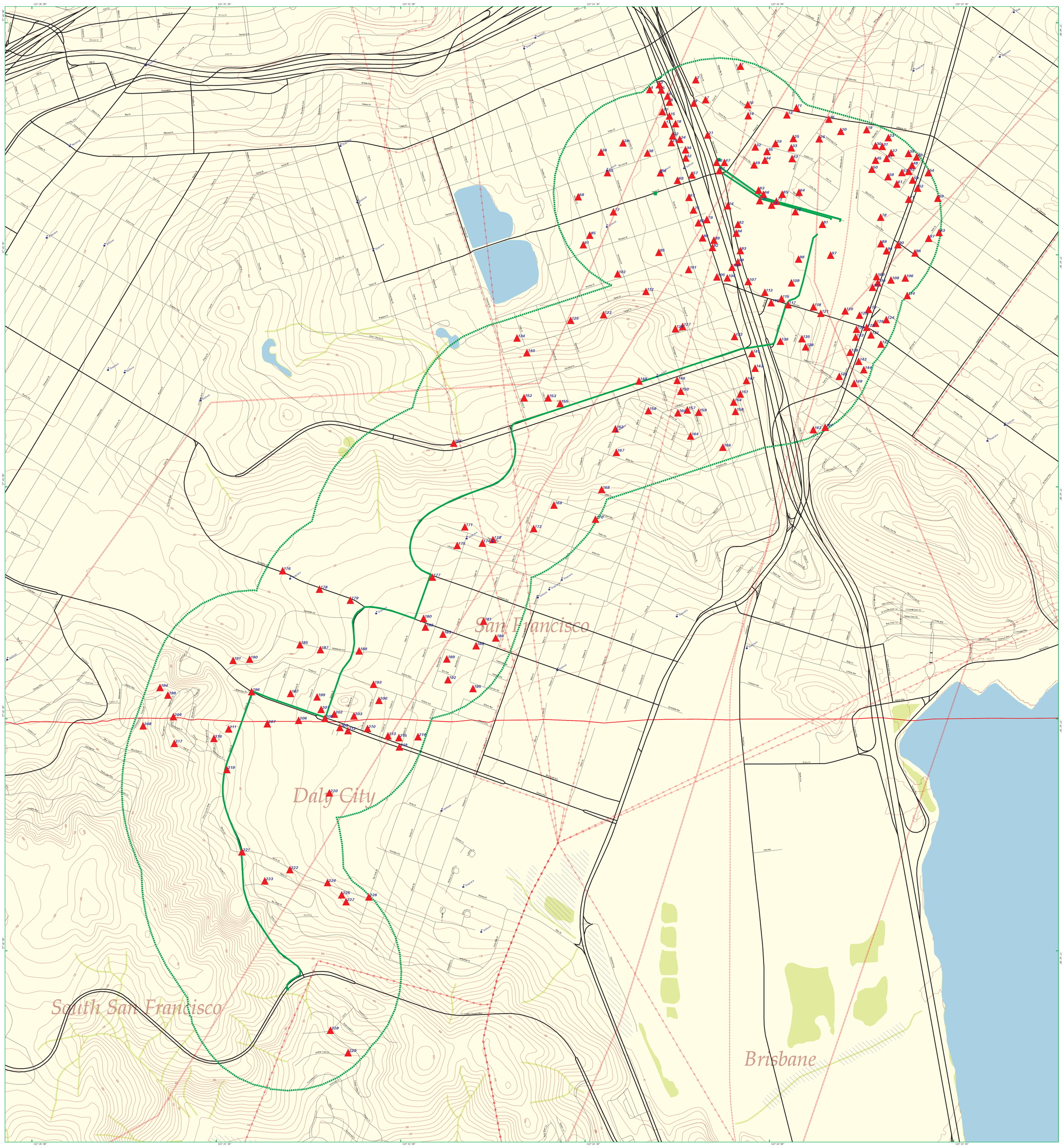
NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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EDR DataMap® - Corridor Study

Martin 230 Kv Bus Extension PEA

EDR® Environmental Data Resources Inc



San Francisco, CA

- Listed Sites
- Earthquake Epicenters (Richter 5 or greater)
- Search Boundary
- Roads
- Major Roads
- Waterways
- Railroads
- Contour Lines
- Pipelines
- Powerlines
- Fault Lines
- Water
- Superfund Sites
- Federal DOD Sites
- Indian Reservations BIA
- 100-Yr Flood Zones
- National Wetland Inventory

0 1/8 1/4

Scale in Miles

N

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49190SR Jw - 27 Apr 17

Martin 230 Kv Bus Extension PEA
San Francisco, CA 94134

Inquiry Number: 4918359.5w
April 27, 2017

EDR DataMap™ Well Search Report

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Shelton, CT 06484
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www.edrnet.com

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK VERSION 2.1
SUMMARY

FEDERAL DATABASE WELL INFORMATION

MAP ID	WELL ID
2	USGS40000185184
3	USGS40000185179
4	USGS40000185112

STATE WATER WELL INFORMATION

MAP ID	WELL ID
1	CADW60000010313

PUBLIC WATER SUPPLY SYSTEM INFORMATION

NO WELLS FOUND

USGS TOPOGRAPHIC MAP(S)

37122-F4 SAN FRANCISCO SOUTH, CA

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 94124

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

Federal Area Radon Information for Zip Code: 94134

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.700 pCi/L	100%	0%	0%

Federal Area Radon Information for Zip Code: 94112

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.000 pCi/L	100%	0%	0%

GEOCHECK VERSION 2.1
SUMMARY

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 94014

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.200 pCi/L	100%	0%	0%
Basement	0.000 pCi/L	100%	0%	0%

Federal Area Radon Information for Zip Code: 94134

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.000 pCi/L	100%	0%	0%
Basement	0.700 pCi/L	100%	0%	0%

Federal Area Radon Information for Zip Code: 94134

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.000 pCi/L	100%	0%	0%
Basement	0.700 pCi/L	100%	0%	0%

Federal EPA Radon Zone for SAN FRANCISCO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN FRANCISCO COUNTY, CA

Number of sites tested: 14

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.636 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.500 pCi/L	100%	0%	0%
Basement	0.360 pCi/L	100%	0%	0%

Federal EPA Radon Zone for SAN MATEO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

GEOCHECK VERSION 2.1
SUMMARY

AREA RADON INFORMATION

Federal Area Radon Information for SAN MATEO COUNTY, CA

Number of sites tested: 32

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.594 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.000 pCi/L	100%	0%	0%
Basement	3.133 pCi/L	67%	33%	0%

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Water Well Information:

Map ID:	2		
Org. Identifier:	USGS-CA	Site ID:	USGS40000185184
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374335122235001		
Monloc name:	002S005W27L001M		
Monloc type:	Well		
Monloc desc:	SURVEYED MP ALTITUDE IS CONSIDERED TO BE AT LSD.		
Huc code:	18050004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7263199
Longitude:	-122.3983042	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	29.78
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19660217	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	100
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 15

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1993-02-06	2.48		1992-09-15	3.79	
1992-02-04	4.22		1991-09-17	4.15	
1991-05-01	3.75		1991-02-05	4.36	
1990-11-06	4.32		1990-09-05	4.16	
1990-06-05	3.55		1990-05-01	3.54	
1990-02-07	3.59		1989-10-27	3.55	
1989-05-16	2.65		1989-03-20	3.67	
1988-10-20	3.55				

Map ID:	3		
Org. Identifier:	USGS-CA	Site ID:	USGS40000185179
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374332122241601		
Monloc name:	002S005W27N001M		
Monloc type:	Well		
Monloc desc:	SURVEYED MP ALTITUDE IS CONSIDERED TO BE AT LSD.		
Huc code:	18050004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7254867
Longitude:	-122.4055266	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	70.16
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	20
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 12

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1992-02-04	9.88		1991-09-17	9.98	
1991-05-01	9.93		1991-02-05	9.89	
1990-11-06	10.13		1990-08-01	9.50	
1990-04-03	8.81		1990-02-07	8.75	
1989-10-27	9.15		1989-05-16	8.35	
1989-03-16	7.83		1988-10-18	9.54	

Map ID:	4		
Org. Identifier:	USGS-CA	Site ID:	USGS40000185112
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-374247122245701		
Monloc name:	002S005W33L001M		
Monloc type:	Well		
Monloc desc:	MP IS CONSIDERED TO BE AT LAND SURFACE.		
Huc code:	18050004	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.7129873
Longitude:	-122.4169158	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	120.86
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19890619	Welldepth:	80.75
Welldepth units:	ft	Wellholedepth:	80.75
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 24

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1992-09-15	60.38		1992-02-04	59.46	
1991-09-17	58.17		1991-05-01	56.87	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1991-02-05	56.09	
1990-11-06	55.13	
1990-09-05	54.66	
1990-07-02	54.02	
1990-04-02	53.17	
1990-02-07	52.67	
1989-11-22	51.83	
1989-10-19	51.46	
1989-10-17	51.58	
1989-08-16	50.74	
1991-01-08	55.74	
1990-10-10	54.88	
1990-08-01	54.22	
1990-06-05	53.60	
1990-03-07	52.70	
1989-12-07	51.91	
1989-10-27	51.60	
1989-10-18	51.46	
1989-09-20	51.27	
1989-07-07	50.47	

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Water Well Information:

Map ID:	1
Objectid:	10313
Latitude:	37.726439
Longitude:	-122.394512
Site code:	377264N1223945W001
State well numbe:	Not Reported
Local well name:	'T2S/R5W-27(B)'
Well use id:	2
Well use descrip:	Industrial
County id:	38
County name:	San Francisco
Basin code:	'2-37'
Basin desc:	South San Francisco
Dwr region id:	80236
Dwr region:	North Central Region Office
Site id:	CADW60000010313

CALIFORNIA GOVERNMENT WELL RECORDS SEARCHED

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

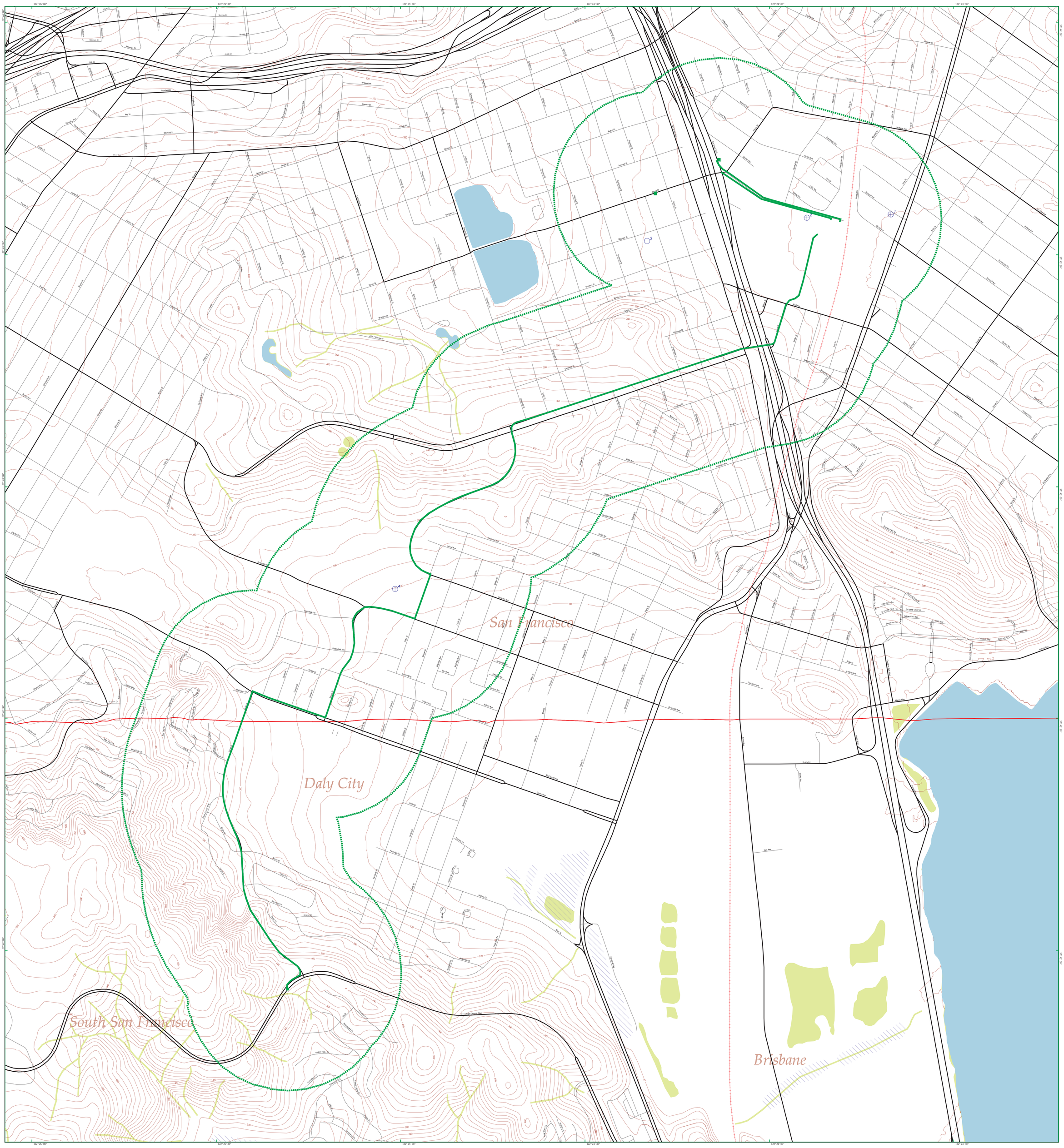
Water Well Database
Source: Department of Public Health
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

STREET AND ADDRESS INFORMATION

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EDR® Environmental Data Resources Inc

EDR DataMap® - Well Search

Martin 230 Kv Bus Extension PEA



San Francisco, CA

- Listed Water Wells
- Study Boundary
- Roads
- Major Roads
- Waterways
- Railroads
- Contour Lines
- Fault Lines
- Water
- Superfund Sites
- 100-Yr Flood Zones
- Wetlands

N

0 1/8 1/4

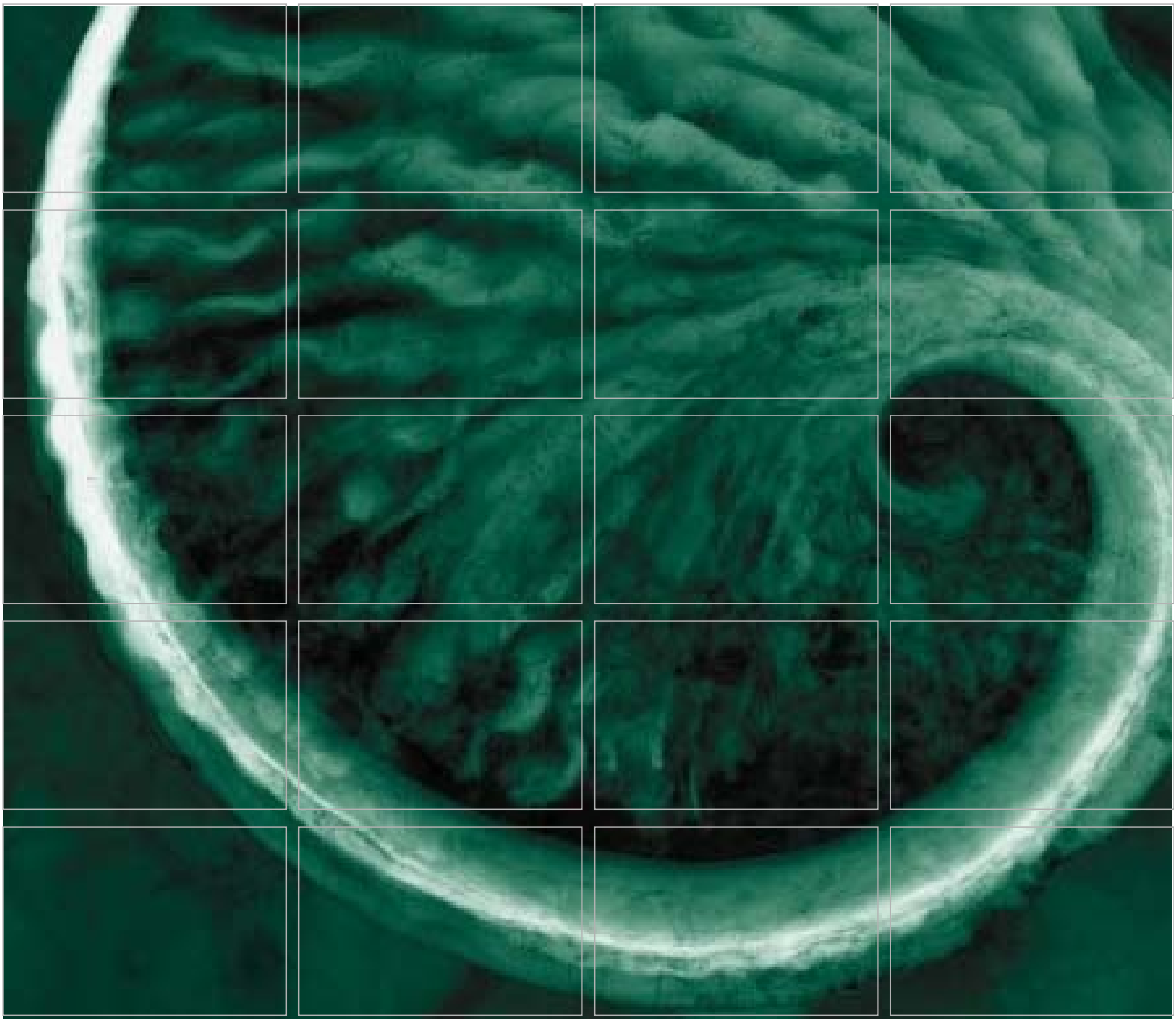
Scale in Miles

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APPENDIX D.9-2

Limited Phase II Site Investigation



Limited Phase II Site Investigation, Martin Extension Property

1755 Egbert Avenue
San Francisco, California

November 2016

www.erm.com

Prepared for:
Pacific Gas and Electric Company

The business of sustainability

ERM

Pacific Gas and Electric Company

Limited Phase II Site Investigation, Martin Extension Property

1755 Egbert Avenue
San Francisco, California

November 2016

Project No. 0363086

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ERM-West, Inc. (ERM) completed a geophysical survey and the subsurface soil and groundwater investigation for the Martin Extension Property located at 1755 Egbert Avenue, San Francisco, San Francisco County, California. This preliminary investigation was scoped to identify any potential significant environmental impact due to historical site operations at the site, which is being considered as a potential location of a PG&E infrastructure improvement.

A Phase I Environmental Site Assessment identified a potential underground storage tank and fueling island previously present within the central portion of the site. The results of the geophysical survey suggest that the tank and associated distribution piping were removed. The soil results do not indicate significant impact of the site due to historical site activities. Fuel compounds, volatile organic compounds, semivolatile organic compounds, polychlorinated biphenyls, pesticides, and metals in soil samples were either not detected or generally detected at low concentrations below applicable screening levels.

The groundwater results indicate that the site groundwater is impacted with fuel-related compounds and metals. Fuel compounds and several metals were detected in groundwater samples exceeding their applicable screening levels. The lack of exceedances of these compounds in site soil samples suggest that the occurrence of these compounds in site groundwater may be from offsite sources.

1.0 INTRODUCTION

ERM-West, Inc. (ERM) is pleased to provide this report to Pacific Gas and Electric Company (PG&E) presenting the results of a geophysical survey and the subsurface soil and groundwater investigation for the Martin Extension Property located at 1755 Egbert Avenue, San Francisco, San Francisco County, California (the "site" or "subject property"; Figure 1). The investigation area and sampling locations are shown on Figure 2. The purpose of the sampling and analysis was to provide information on the environmental condition of soil and groundwater at the site that is being considered as a potential location of a PG&E infrastructure improvement. The following subsections provide an executive summary, description of the field activities completed, the analytical strategy, the results of the investigation, and the conclusions based on the analytical results.

2.0 SCOPE OF WORK

The scope of work involved a limited subsurface sampling of soil at the site to determine general soil and shallow groundwater conditions at the site. To achieve this objective, Cascade Drilling LP (Cascade) completed four soil borings (SB-1 through SB-5) to first groundwater using a direct push rig. Boring depths ranged from 15 to 19 feet below ground surface (bgs). The boring locations are presented on Figure 2. Prior to any subsurface activities, the proposed boring locations were marked and Underground Service Alert was contacted a minimum of 48 hours prior to subsurface work. In addition, a private utility locating service was used to screen the proposed locations for underground utilities; none were found during the private utility screening.

The Phase I Environmental Site Assessment identified a potential underground storage tanks (UST) and fueling island on the property in the past. To determine if the UST and distribution piping were still present on site, a geophysical survey was conducted by Ground Penetrating Radar Systems, Inc. (GPRS) within the area shown on the map. GPRS used two separate detection equipment to assist in the survey. Ground Penetrating Radar (GPR) was used by sending pulses of energy into a material and recording the strength and the time required for the return of the reflected signal. Reflections are produced when the energy pulses enter into a material with different electrical conduction properties from the material it left. This GPR unit, which used a 40 megahertz (mhz) antenna, achieved a total depth of as much as 5 feet bgs. An RD7000 pipe locator was used to detect electromagnetic fields from line power or radio frequency signals. It is also used in conjunction with a transmitter to connect directly to accessible, metallic, pipes, risers or tracer wires. The GPRS survey report is included as Appendix A.

Limited subsurface sampling of soil and groundwater was completed by Cascade to evaluate general soil and shallow groundwater conditions at the site.

Five soil borings (SB-1 through SB-5) were completed to first groundwater using a direct push rig, with boring depths ranging from 15 to 19 feet bgs. The boring locations are presented on Figure 2.

The soil cores were logged by an ERM geologist using the Unified Soil Classification System and an organic vapor analyzer with a photoionization detector (PID) was used to screen each soil core recovered during the sampling activities. The results are presented on the boring logs provided as Appendix B.

Up to five soil samples were collected from each soil boring with two of the samples collected in the top five feet. Additional soil samples were collected between approximately 5 and 10 feet bgs and/or 1 foot above the vadose zone. If potential impacts were observed in vadose zone soils (either staining or elevated PID readings), additional samples were collected at depths where impacts were observed. Once groundwater was encountered within each boring, a temporary groundwater monitoring point was installed, consisting of dedicated threaded polyvinyl chloride casing with a five-foot slotted-screen. A grab groundwater sample was collected from each temporary groundwater monitoring point utilizing low-flow sampling techniques including dedicated polyethylene tubing and a peristaltic pump. Grab groundwater samples were collected in laboratory-provided sample containers necessary for the analytical parameters specified below.

Following completion of the sampling, each borehole was backfilled with neat cement consistent with county regulations and the boring locations were located using a global positioning system (GPS) unit.

Soil and groundwater samples were labeled, placed in sealed plastic bags, stored in an iced cooler, and transported to Curtis & Tompkins Ltd., a California state-certified laboratory in Berkeley, California. All samples were recorded on a chain-of-custody form that accompanied the samples to the laboratory. The two shallowest samples from each boring were analyzed for the following constituents:

- Total petroleum hydrocarbons (TPH) as diesel and motor oil (TPH-d and –mo) by U.S. Environmental Protection Agency (USEPA) Method 8015M;
- Volatile organic compounds (VOCs) and TPH-gasoline (TPH-g) by USEPA Method 8260;
- Semivolatile organic compounds (SVOCs) by USEPA Method 8270C; and

California Title 22 Metals by USEPA Methods 6010 and 7000 series.

In addition, the uppermost sample in each boring was analyzed for polychlorinated biphenyls (PCBs) by USEPA Method 8082 and organochlorine pesticides by USEPA Method 8081. The remaining soil samples were submitted

to the laboratory for potential analysis if the evaluation of the shallower analytical results warranted additional characterization.

Groundwater samples collected during the investigation were analyzed for the following constituents:

- TPH-d and TPH-mo by USEPA Method 8015M;
- VOCs and TPH-g by USEPA Method 8260; and
- SVOCs by USEPA Method 8270C; and
- California Title 22 Metals by USEPA Methods 200.7 and 6010 series.

Based on initial analytical results, additional analyses were requested for select samples to further characterize site soil. One soil sample had high reporting limits above the appropriate screening levels (San Francisco Bay Regional Water Quality Board's [RWQCB] Environmental Screening Levels [ESLs] for commercial industrial sites) for SVOCs. In order to confirm that SVOCs were not present at this location, the deeper soil sample collected was analyzed for SVOCs using USEPA Method 8270C and extractable TPH. In addition, the 7-foot soil sample from SB-3, near the presumed UST site, was analyzed to provide information on the condition of native soil beneath the potential UST backfill in this area.

3.0 GEOLOGY AND HYDROGEOLOGY

Shallow soils encountered during the limited investigation consisted of a sand and gravel fill layer from approximately 0 to 5 feet bgs. Below the fill layer, site soils were primarily clay and silty clay up to approximately 10 feet bgs. A fine moist to wet sand layer was observed from approximately 10 feet bgs to total depth in all borings. Detailed descriptions of site soils are included on the boring logs provided as Appendix B. Saturated soil was encountered between 9.5 and 12.5 feet bgs in each of the soil borings and the initial water levels measured in the boreholes ranged between 7.86 and 9.01 feet bgs.

4.0 GEOPHYSICAL SURVEY RESULTS

Based on the GPR survey activities, there were no indications that the UST and the associated piping are still in place. The former UST area as seen in Figure 2 was noted by GPRS to have softer soil and appeared to be a possible excavation area. Personnel at the site further explained that the area with softer soil was covered with plywood at the surface, as depicted in photographs seen in GPRS's report, due to the tendency of the area to cave in. Underground scans of the former excavation area are provided in Appendix A.

5.0 ANALYTICAL RESULTS

ERM performed a data quality assurance/quality control (QA/QC) review of the analytical results in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review*, October 1999, and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, July 2004. The data quality review evaluated holding times, preservation methods, method blank sample results, laboratory control sample recoveries, and matrix and surrogate spike recoveries. Based on ERM's data quality review, the quality of the data generated during this investigation is acceptable for the preparation of technically defensible documents. The laboratory data packages and the QA/QC review are provided in Appendix C.

5.1 Soil Analytical Results

The soil analytical results are provided on Tables 1 through 5. These soil results were compared to the Tier 1 screening levels set by the RWQCB in their February 2016 Interim Final ESL Workbook (Revision 3), which are the most conservative available screening levels and take into account all prospective exposure pathways including residential exposure. This evaluation also includes a comparison to the lowest applicable ESL based on the property's usage as commercial/industrial, which is consistent with the current and future use of the property. Detections below the ESLs are generally not considered threats to human health or the environment under the relevant land use.

As seen in Table 1, all shallow soil samples had detections of TPH-d, TPH–mo, and TPH-g. All TPH detections in shallow soil were below their respective Tier-1 ESL. In addition, low concentrations of acetone, 2-butanone and methylene chloride were detected in a number of the shallow soil samples; however, all of these VOC detections were below their respective Tier 1 ESL. Other VOCs were not detected in site soil samples analyzed.

Table 2 shows the results for SVOCs in shallow soil; only SVOCs with detectable concentrations are presented. As seen in Table 2, all detections of SVOCs were detected at low levels below their applicable ESLs. The sample collected from SB-5 at 5 feet bgs had reporting limits above the applicable ESLs for SVOCs. To evaluate this potential data gap, the next deeper sample collected from SB-5 (9 feet bgs) was analyzed for SVOCs and extractable TPH (TPH-d and TPH-mo). This sample was non-detect for all SVOCs, TPH-d, and TPH-mo with lower detection limits for these compounds.

Given the lack of TPH, VOCs, and SVOC concentrations in excess of their applicable ESLs, none of the other deeper soil samples were analyzed.

Table 3 shows the results for metals in shallow soil. As shown, all metals except for selenium were detected in at least one soil sample above laboratory reporting

limits. All metals detections were below ESLs with the exception of arsenic and one lead concentration. As seen in Table 2, arsenic was detected in all 10 soil samples with concentrations above the applicable ESL and Tier 1 ESL; however, the concentrations, which range from 0.82 to 12 milligrams per kilogram (mg/kg), are within the accepted background levels for Bay Area soil (Duverge, 2011) and do not show evidence of impact from onsite activities. Lead was detected above the direct exposure ESL of 320 mg/kg in the shallow sample (0.5 to 1 foot bgs) at SB-5 with a concentration of 790 mg/kg. The deeper soil sample collected at this location had a lead concentration of 14 mg/kg, which is below both the Tier 1 and applicable ESLs for lead. Given the lack of metals concentrations within the deeper soil samples analyzed in excess of their applicable ESL, or background concentrations in the case of arsenic, none of the deeper soil samples were analyzed.

The results of PCB and organochlorine pesticides analyses in shallow soil are provided in Tables 4 and 5, respectively. As seen in the tables, PCBs and organochlorine pesticides were not detected in any soil sample above Tier-1 ESLs. Given the lack PCBs and organochlorine pesticide concentrations in excess of their applicable ESL, none of the deeper soil samples were analyzed.

6.0 GROUNDWATER ANALYTICAL RESULTS

Groundwater analytical results are presented in Tables 6 through 8. The results of the groundwater analyses are compared to Tier-1 ESLs and applicable ESLs based on current and future site use as a commercial/industrial site.

As seen in Table 6 and Figure 3, all site groundwater samples collected had detections of TPH-d above laboratory reporting limits. Three groundwater samples had TPH-d concentrations above the Tier-1 ESL of micrograms per liter (µg/L) and at or above the applicable direct exposure ESL of 150 µg/L. These detections ranged from 150 µg/L at SB-3 to 16,000 µg/L at SB-2.

As seen in Table 6 and Figure 3, TPH-mo was detected in three of the five site groundwater samples collected ranging from 400 (SB-3-GW) to 85,000 µg/L (SB-2-GW). The detection at SB-2-GW (85,000 µg/L) was above the ESL of 50,000 µg/L set for TPH-mo.

Only one groundwater sample (SB-2-GW) contained a detectable concentration of TPH-g of 9.2 µg/L, which is well below the Tier-1 ESL of 100 µg/L. As seen in Table 6, MTBE was detected in all site groundwater samples collected ranging from 0.8 to 1,200 µg/L. Three of the groundwater samples had MTBE detections above the applicable ESL of 5 µg/L and the California Maximum Contaminant Level from drink water set at 13 µg/L. These detections ranged from 560 µg/L at SB-3 to 1,200 µg/L at SB-5. As seen in Table 6, low concentrations of other VOCs

were detected in site groundwater samples. The detected concentrations of other VOCs were well below their respective Tier-1 ESLs.

As presented on Table 7, groundwater samples from all five borings were analyzed for SVOCs by USEPA Method 8270. Only one groundwater sample (SB-2-GW) contained a low concentration of phenol at 19 µg/L, which is well below the applicable ESL of 4,200 µg/L.

Table 8 and Figure 4 present the results of the metals analyses on the five groundwater samples collected during the investigation. All metals except for barium, cadmium, copper, mercury, molybdenum, silver, and zinc were detected above ESLs in at least one site groundwater sample. A summary of metals above applicable ESL is as follows:

- Antimony was detected at or above its applicable ESL of 6 µg/L at four of the five groundwater samples collected at concentrations ranging from 6.0 µg/L (SB-3-GW) to 48 µg/L (SB-1-GW).
- Arsenic was detected above its applicable ESL of 10 µg/L in all five groundwater samples collected at concentrations ranging from 12 µg/L (SB-2-GW) to 37 µg/L (SB-4-GW).
- Beryllium was detected in all groundwater samples collected, with one detection (4.5 µg/L at SB-1-GW) above its applicable ESL of 4 µg/L.
- Chromium was detected above its applicable ESL of 50 µg/L in all five groundwater samples collected at concentrations ranging from 160 µg/L (SB-3-GW) to 1,100 µg/L (SB-1-GW).
- Cobalt was detected above its applicable ESL of 6 µg/L in all five groundwater samples collected at concentrations ranging from 32 µg/L (SB-3-GW) to 120 µg/L (SB-1-GW).
- Lead was detected above its applicable ESL of 15 µg/L in all five groundwater samples collected at concentrations ranging from 17 µg/L (SB-3-GW and SB-4-GW) to 90 µg/L (SB-1-GW).
- Nickel was detected above its applicable ESL of 100 µg/L at four of the five groundwater samples collected at concentrations ranging from 150 µg/L (SB-3-GW) to 500 µg/L (SB-5-GW).
- Selenium was detected above its applicable ESL of 50 µg/L in on one groundwater sample collected at SB-2-GW (150 µg/L).
- Thallium was detected above its applicable ESL of 2 µg/L in two groundwater samples collected, SB-2-GW (3.4 µg/L) and SB-5-GW (5.1 µg/L).
- Vanadium was detected above its applicable ESL of 50 µg/L in all five groundwater samples collected at concentrations ranging from 210 µg/L (SB-3-GW) to 810 µg/L (SB-1-GW).

The presence of elevated concentrations of metals in groundwater may be due to the historical presence of a leather tanning facility on the property directly west of the site.

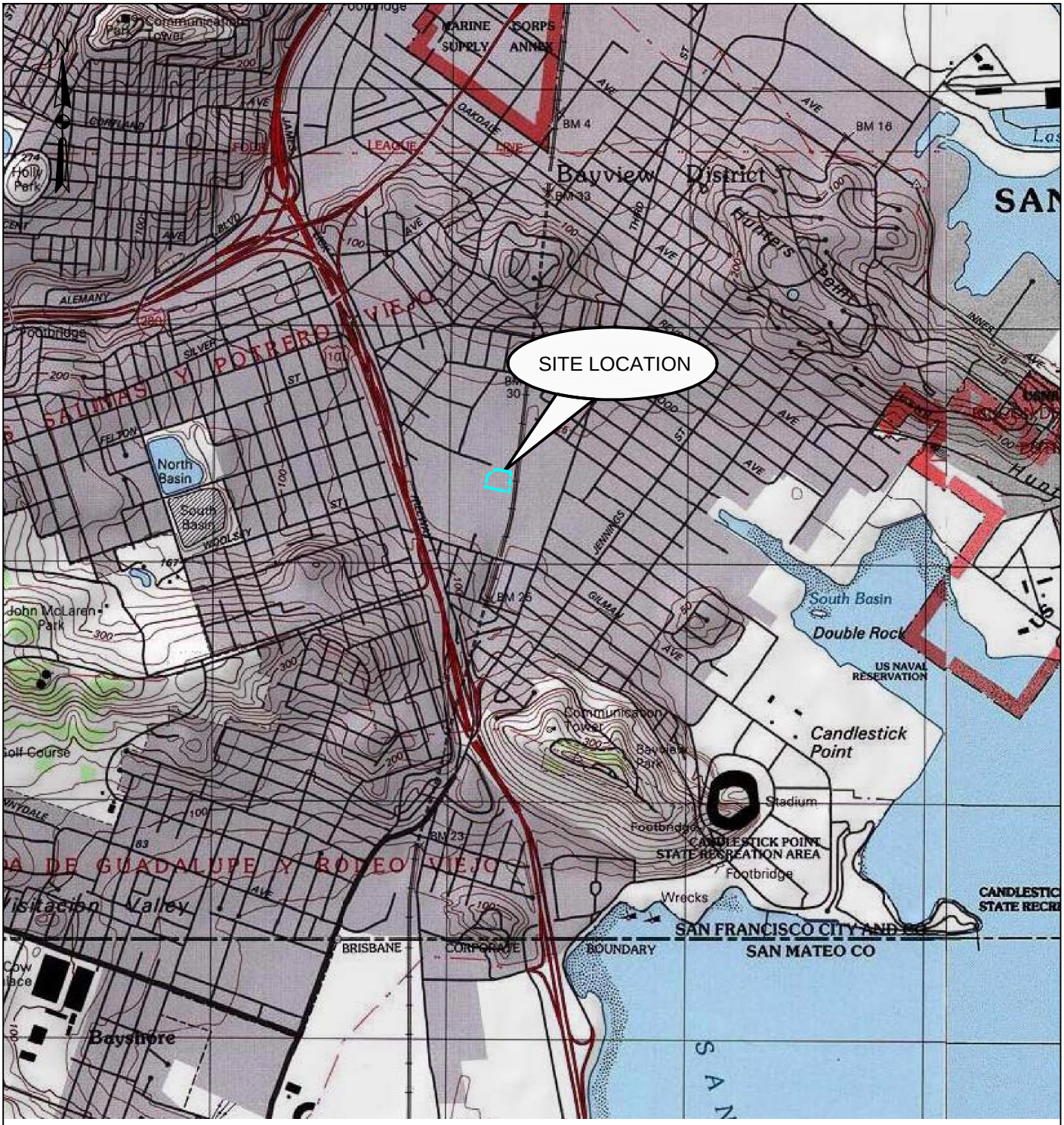
7.0 CONCLUSIONS

This soil and groundwater investigation was completed to determine the subsurface conditions at the site. The results of the investigation were as follows:

- The results of the GPR survey suggest that the former UST and associated piping at the site has been removed.
- TPH-d, TPH-mo, TPH-g, VOCs, SVOCs, PCBs, and organochlorine pesticides in soil samples were either non-detect or detected at low concentrations below applicable ESLs.
- With the exception of selenium, all metals analyzed were detected above laboratory reporting limits in one or more site soil samples. The concentrations of metals were generally detected at relatively consistent concentrations in all the samples indicating background concentrations and, with the exception of arsenic and one lead concentration discussed below, at concentrations below their applicable ESLs. The arsenic concentrations detected at the site fall within the accepted background levels for Bay Area soil (Duverge, 2011). Therefore, detections of arsenic in soil appear to be naturally-occurring background concentrations and are not due to historic site operations.
- Lead was detected at a concentration of 790 mg/kg in the sample collected at 0.5 to 1 foot bgs from SB-5, which is above its applicable ESL of 320 mg/kg. The deeper soil sample (4.5 to 5 feet bgs) collected from this location had a lead concentration well below its applicable ESL. None of the other soil samples analyzed contained concentrations above its applicable ESL.
- Groundwater at the site contained concentrations of TPH-d, TPH-mo, and MTBE in excess of their applicable ESLs. The lack of exceedances of these compounds in samples of site soil collected during this investigation suggest that the occurrence of these compounds in site groundwater may be from offsite sources.
- The occurrence of numerous metals in groundwater, including antimony, arsenic, beryllium, chromiu, cobalt, lead, nickel, selenium, thallium, and vanadium, at concentrations above their applicable ESLs indicates that the site's groundwater has been impacted. However, due to the lack of elevated concentrations of metals in site soils, it is unlikely that historical operations at the site are the source of the elevated metals concentrations. It appears that the source of metals in shallow groundwater is due to an offsite source and may be related to the former tannery operated on the property west of the site that was identified during the Phase I ESA.

The soil results of this limited subsurface investigation do not indicate significant impact of the subject property due to historic site activities. However, the groundwater results indicate that the site groundwater is impacted with fuel-related compounds and metals that appear to be due to migration of compounds of concern from nearby properties.

Figures



SCALE 1: 24,000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

Figure 1

Site Location Map

PG&E Martin Extension - Site 8

1775 Egbert Avenue

San Francisco, California

References:
TOPO!® Software
U.S.G.S. 7.5 Minute Series (Topographic) Quadrangle,
San Francisco South, CA
Version: 1995; Current: 1999

Environmental Resources Management
www.erm.com

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Drawn By: J. Estrada
Date: 11/11/2016.
Project No. 0363086.02.04
CAD File: G:\DWGS\0363086 PG&E Martin Extension\02104\03630860204-04.dwg

Drawn By:	Date:	Project No.	CAD File:
J. Estrada	11/02/2016.	0363086.02.04	G:\DWGS\0363086 PG&E Martin Extension\02\04\03630860204-01.dwg



Legend

Property Boundary

Former Building Footprint

SB-1 Soil Boring Location

GPR Survey Area

N

0 40 80

FEET

Aerial Photo Source: © 2012 Google Earth Pro
Ver 7.0.2.8415

Figure 2

Site Plan Map

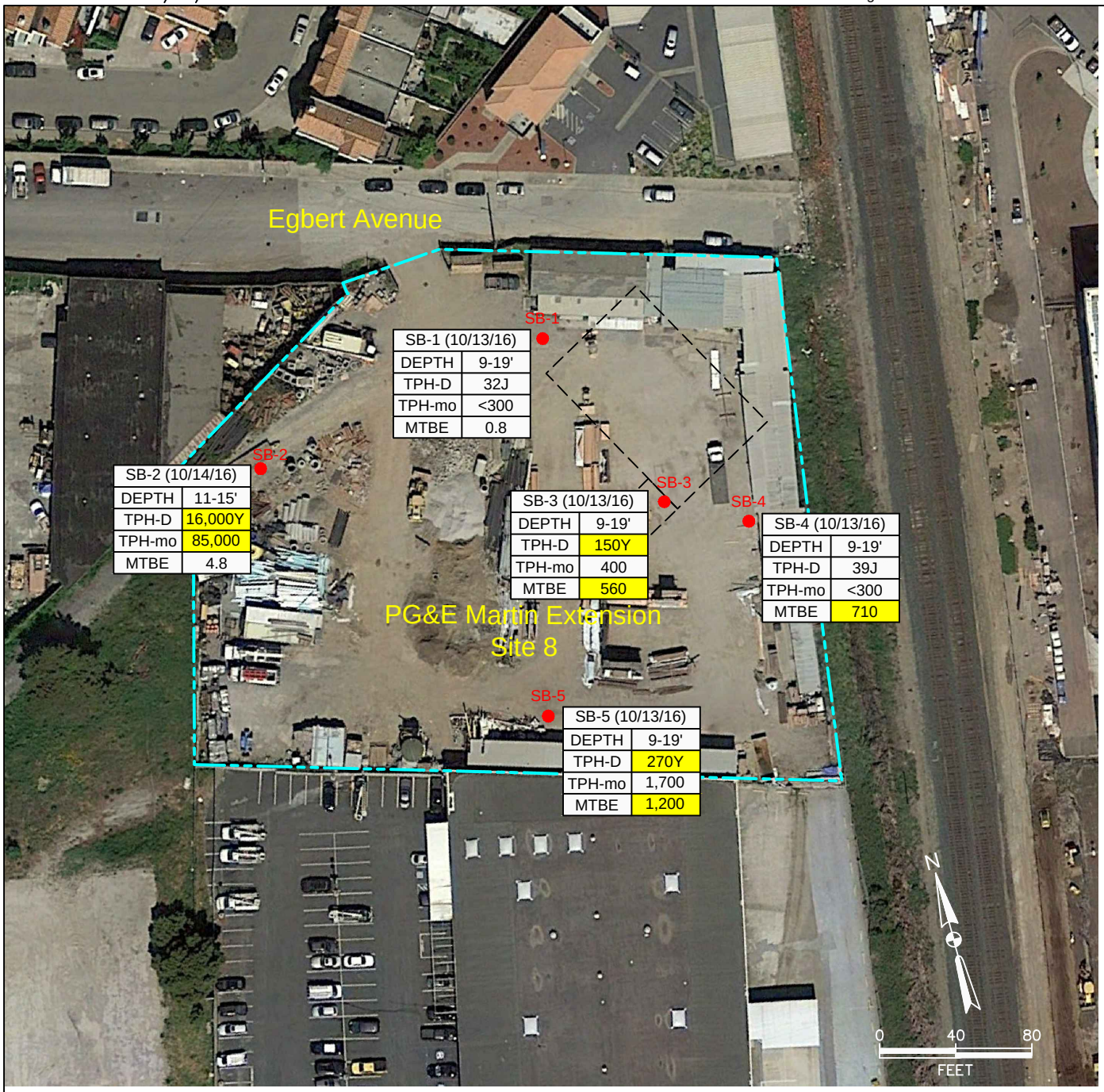
PG&E Martin Extension - Site 8

1755 Egbert Avenue

San Francisco, California

Environmental Resources Management
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Drawn By:	Date:	Project No.	CAD File:
J. Estrada	11/15/2016.	0280557.***	G:\DWGS\0363086 PG&E Martin Extension\02\04\03630860204-02.dwg



Aerial Photo Source: © 2012 Google Earth Pro Ver 7.0.2.8415

Legend

- Property Boundary
- Former Building Footprint
- SB-1 ● Soil Boring Location

SB-1 (10/13/16)	
DEPTH	9-19'
TPH-D	32J
TPH-mo	<300
MTBE	0.8

- Sample ID/Date
- Sample Screen Interval (feet bgs)
- Concentration in µg/L

Yellow shading indicates concentrations above Direct Exposure ESLs

Applicable ESLs (µg/L)

TPH-d	50
TPH-mo	50,000
MTBE	5

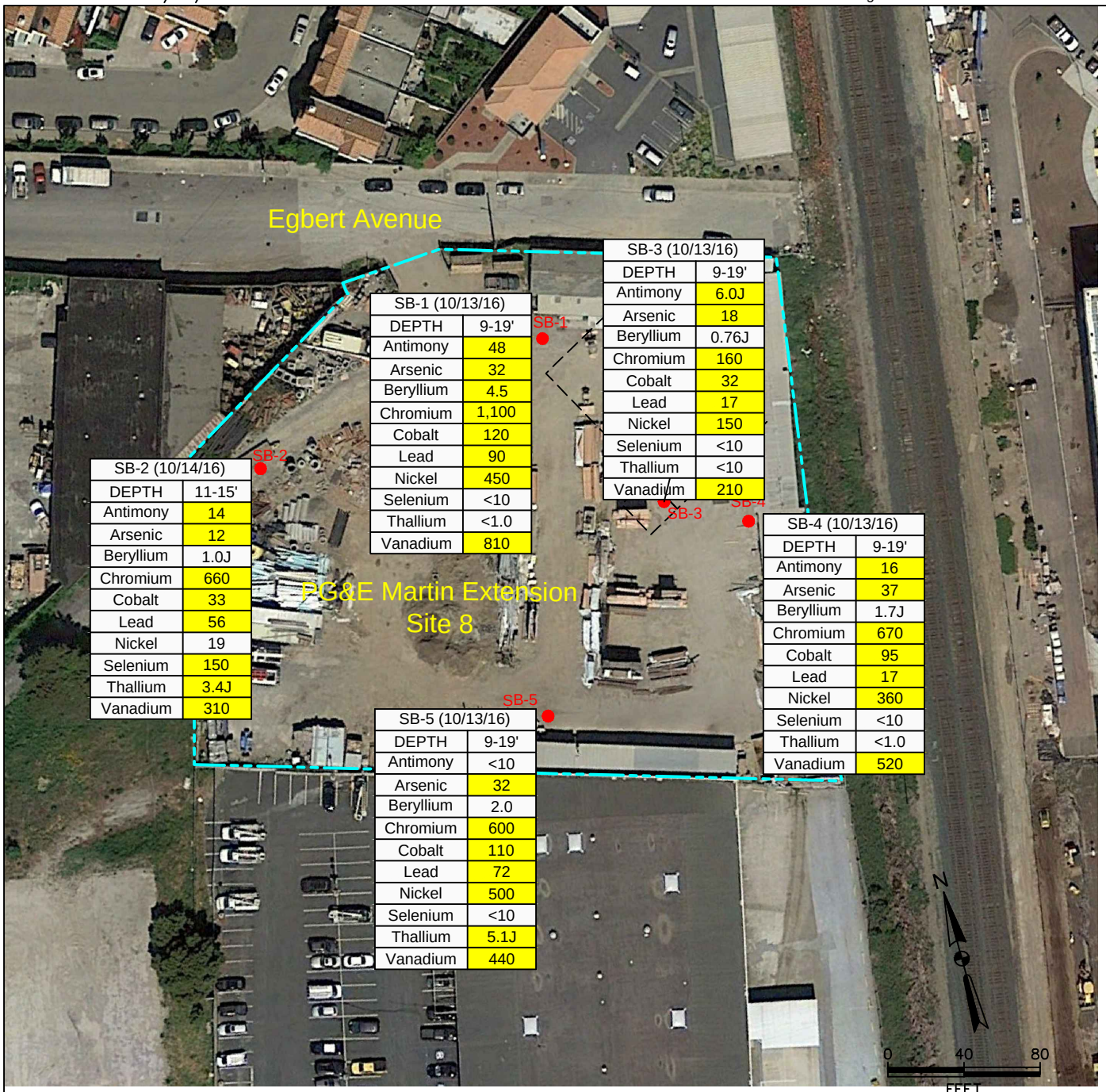
J = Estimated value
Y = Estimated value, chromatogram did not resemble standard hydrocarbon pattern
TPD-d = Total Petroleum Hydrocarbons as diesel
TPH-mo = Total Petroleum Hydrocarbons as motor oil
MBTE = methyl tert-butyl ether
ESL = Environmental Screening Level

Figure 3

TPH and VOCs in Groundwater
PG&E Martin Extension - Site 8
1755 Egbert Avenue
San Francisco, California

Environmental Resources Management
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Drawn By: J. Estrada | Date: 11/15/2016. | Project No. 0280557.*** | CAD File: G:\DWGS\0363086 PG&E Martin Extension\02\04\03630860204-03.dwg



SB-1 (10/13/16)	
DEPTH	9-19'
Antimony	48
Arsenic	32
Beryllium	4.5
Chromium	1,100
Cobalt	120
Lead	90
Nickel	450
Selenium	<10
Thallium	<1.0
Vanadium	810

SB-2 (10/14/16)	
DEPTH	11-15'
Antimony	14
Arsenic	12
Beryllium	1.0J
Chromium	660
Cobalt	33
Lead	56
Nickel	19
Selenium	150
Thallium	3.4J
Vanadium	310

SB-3 (10/13/16)	
DEPTH	9-19'
Antimony	6.0J
Arsenic	18
Beryllium	0.76J
Chromium	160
Cobalt	32
Lead	17
Nickel	150
Selenium	<10
Thallium	<10
Vanadium	210

SB-4 (10/13/16)	
DEPTH	9-19'
Antimony	16
Arsenic	37
Beryllium	1.7J
Chromium	670
Cobalt	95
Lead	17
Nickel	360
Selenium	<10
Thallium	<1.0
Vanadium	520

SB-5 (10/13/16)	
DEPTH	9-19'
Antimony	<10
Arsenic	32
Beryllium	2.0
Chromium	600
Cobalt	110
Lead	72
Nickel	500
Selenium	<10
Thallium	5.1J
Vanadium	440

Aerial Photo Source: © 2012 Google Earth Pro Ver 7.0.2.8415

Legend

Property Boundary

Former Building Footprint

SB-1 Soil Boring Location

SB-1 (10/13/16)	
DEPTH	9-19'
Cobolt	22
Lead	17
Nickel	150

Sample ID/Date

Sample Screen Interval (feet bgs)

Concentration in µg/L

Yellow shading indicates concentrations above Direct Exposure ESLs

Applicable ESLs (µg/L)	
Antimony	6
Arsenic	10
Beryllium	4
Chromium	50
Cobalt	6
Lead	15
Nickel	100
Selenium	50
Thallium	2
Vanadium	50

J = Estimated value

ESL = Environmental Screening Level

Figure 4

Metals in Groundwater

PG&E Martin Extension - Site 8

1755 Egbert Avenue

San Francisco, California

Environmental Resources Management
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Tables

Table 1
Total Petroleum Hydrocarbons, Volatile Organic Compounds in Soil
Phase II Site Investigation
1755 Egbert Avenue
San Francisco, California

Sample ID Location	Sample Depth (ft bgs)	Date Sampled	TPH-d*	TPH-mo*	TPH-g*	Acetone	2-Butanone	Methylene Chloride
		Tier-1 ESLs	*230*	*5,100*	*100*	*0.5*	---	*0.077*
		Applicable ESLs	*1,100*	*140,000*	*3,900*	*630,000*	---	*25*
SB-1	0.5-1	10/13/2016	**15 NJ**	**190**	**0.23 J**	**0.0048 J**	<0.0094	<0.019
SB-1	4.5-5	10/13/2016	**26 NJ**	**510**	**0.23 J**	<0.019	<0.0094	<0.019
SB-2	0.5-1	10/13/2016	**100 NJ**	**930**	**0.083 J**	**0.054**	**0.0069 J**	<0.019
SB-2	2.5-3	10/13/2016	**12 NJ**	**120**	**0.077 J**	**0.065**	**0.0095**	**0.0012 J**
SB-3	0.5-1	10/13/2016	**2.1 NJ**	**28**	**0.13 J**	<0.018	<0.0091	<0.018
SB-3	4.5-5	10/13/2016	**65 NJ**	**730**	**0.25 J**	<0.019	<0.0097	<0.019
SB-3	6.5-7	10/13/2016	**4.7 Y b**	**32 b**	<1.0 b	**0.0056 J b**	**0.0012 J b**	<0.018 b
SB-4	0.5-1	10/13/2016	**81 NJ**	**1,200**	**0.22 J**	**0.02**	**0.0027 J**	<0.019
SB-4	4.5-5	10/13/2016	**0.44 J**	**5.9**	**0.20 J**	<0.019	<0.0097	<0.019
SB-5	0.5-1	10/13/2016	**32 NJ**	**210**	0.096 J	**0.0038 J**	<0.0095	<0.019
SB-5	4.5-5	10/13/2016	**43 NJ**	**570**	**0.069 J**	**0.0048 J**	<0.0084	<0.017
SB-5	8.5-9	10/13/2016	<1.0 UJ	<5.0 UJ	NS	NS	NS	NS

Notes:

All concentrations reported in milligrams per kilogram (mg/kg).

* = Samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8015B Modified (M).

VOCs were analyzed by USEPA Method 8260B.

SVOCs were analyzed by USEPA Method 8270C. SVOCs were not detcted above laboratory reporting limits in the samples analyzed. The full list of SVOCs are included in the anlaytical reports in Attachment B of the report.

Tier-1 ESL = Tier 1 Environmental Screening Level for Shallow Soils, San Francisco Bay Regional Water Quality Control Board, ESL Workbook, Tier-1 ESL Table, February 2016.

Applicable ESL = Appropriate ESL based on current and future site use as a Commercial/Industrial site using the Soil Summary Table from the San Francisco Bay Regional Water Quality Control Board ESL Workbook, February 2016.

Bold values indicate detections at or above the laboratory reporting limit.

Values shaded gray indicate concentrations detected above the Applicable ESLs. Assumes direct exposure for a commercial/industrial site.

Legend:

ft bgs = feet below ground surface

TPH-d = Total Petroleum Hydrocarbons as Diesel

TPH-mo = Total Petroleum Hydrocarbons as Motor Oil

TPH-g = Total Petroleum Hydrocarbons as Gasoline

SVOC = Semivolative organic compounds

VOC = Volatile organic compound

ESL = Environmental Screening Level

--- = No screening level established

SB-# = Soil Boring Location

< = Analyte not detected at or above the stated laboratory reporting limit

NA = Not analyzed

ND = Not detected

NS = Not sampled

Qualifiers:

J = Lab Qualifier - Estimated Value

b = Lab Qualifier - Sample was analyzed out of hold time

Y = Lab Qualifier - Sample exhibits chromatographic pattern which does not resemble standard

NJ = ERM Qualifier - Sample exhibits chromatographic pattern which does not resemble standard

UJ = ERM Qualifier - Nondetected, estimated report limit.

Table 2
Semivolatile Organic Compounds in Soil
Phase II Site Investigation
1755 Egbert Avenue
San Francisco, California

Sample ID Location	Sample Depth (ft bgs)	Date Sampled	Benzo (a) Anthracene	Benzo (a) Pyrene	Benzo (b) Fluoranthene	Benzo (g,h,i) Perylene	Chrysene	Fluoranthene	Indeno (1,2,3-c,d) Pyrene	Pyrene
		Tier-1 ESLs	*0.16*	*0.016*	*0.16*	*2.5*	*3.8*	*60*	*0.16*	*85*
		Applicable Soil ESLs	*2.9*	*0.29*	*2.9*	*---*	*260*	*30,000*	*2.9*	*23,000*
SB-1	0.5-1	10/13/2016	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
SB-1	4.5-5	10/13/2016	<17	<17	<17	<17	<17	<17	<17	<17
SB-2	0.5-1	10/13/2016	**1.2 J**	<6.6	**0.95 J**	<6.6	<6.6	<6.6	<6.6	<6.6
SB-2	2.5-3	10/13/2016	<0.830	<0.830	<0.830	<0.830	<0.830	<0.830	<0.830	<0.830
SB-3	0.5-1	10/13/2016	<0.2	**0.038 J**	**0.03 J**	**0.029 J**	<0.2	<0.2	**0.13 J**	<0.2
SB-3	4.5-5	10/13/2016	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7
SB-4	0.5-1	10/13/2016	<67	<67	<67	<67	<67	<67	<67	<67
SB-4	4.5-5	10/13/2016	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066
SB-5	0.5-1	10/13/2016	**0.037 J**	**0.032 J**	**0.040 J**	<0.2	**0.045 J**	**0.038 J**	<0.2	**0.051 J**
SB-5	4.5-5	10/13/2016	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
SB-5	8.5-9	10/13/2016	<0.67 UJ	<0.67 UJ	<0.67 UJ	<0.67 UJ	<0.67 UJ	<0.67 UJ	<0.67 UJ	<0.67 UJ

Notes:
All concentrations reported in milligrams per kilogram (mg/kg).
Samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8270C.
Tier-1 ESL = Tier 1 Environmental Screening Level for Shallow Soils, San Francisco Bay Regional Water Quality Control Board, ESL Workbook, Tier-1 ESL Table, February 2016.
Applicable ESL = Appropriate ESL based on current and future site use as a Commercial/Industrial site using the Soil Summary Table from the San Francisco Bay Regional Water Quality Control Board ESL Workbook, February 2016.
Bold values indicate detections at or above the laboratory reporting limit.
Values shaded gray indicate concentrations detected above the Applicable ESLs. Assumes direct exposure for a commercial/industrial site.

Legend:
ft bgs = feet below ground surface
C/I = Commercial/Industrial
ESL = Environmental Screening Level
--- = No screening level established
SB-# = Soil Boring Location
< = Analyte not detected at or above the stated laboratory reporting limit

Qualifiers:
J = Lab Qualifier - Estimated Value
U - Nondetected
UJ = ERM Qualifier. Nondetected, estimated report limit.

Table 3
Metals in Soil
Phase II Site Investigation
1755 Egbert Avenue
San Francisco, California

Sample ID Location	Sample Depth (ft bgs)	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
		Tier-1 ESLs	*31*	*0.067*	*3,000*	*42*	*39*	*120,000*	*23*	*3,100*	*80*	*390*	*86*	*390*	*390*	*0.78*	*390*	*23,000*	*13*
		Applicable ESLs	*470*	*0.31*	*220,000*	*2,200*	*580*	*1,800,000*	*350*	*47,000*	*320*	*5,800*	*11,000*	*5,800*	*5,800*	*12*	*5,800*	*350,000*	*190*
SB-1	0.5-1	10/13/2016	**4.0**	**5.3**	**240**	**0.39**	**0.61**	**51**	**12**	**42**	**99**	**0.83**	**45**	<2.0	<0.27	<0.54	**53**	**130**	**0.43**
SB-1	4.5-5	10/13/2016	**3.3**	**3.5**	**220**	**0.42**	**0.48**	**42**	**21**	**48**	**16**	**0.27**	**21**	<1.8	<0.23	<0.45	**41**	**34**	**0.056**
SB-2	0.5-1	10/13/2016	**1.2 J**	**3.3**	**150**	**0.29**	**0.56**	**120**	**8.1**	**25**	**31**	**0.86**	**32**	<2.0	<0.27	**0.39 J**	**42**	**86**	**0.15**
SB-2	2.5-3	10/13/2016	**4.4**	**4.1**	**110**	**0.23**	**0.93**	**100**	**9**	**71**	**110**	**0.77**	**26**	<2.0	<0.26	<0.52	**49**	**170**	**0.17**
SB-3	0.5-1	10/13/2016	**2.8**	**19**	**110**	**0.26**	**0.75**	**72**	**7.7**	**9.6**	**35**	**0.37**	**21**	<1.9	<0.24	<0.48	**52**	**66**	**0.11**
SB-3	4.5-5	10/13/2016	**2.7**	**3.1**	**150**	**0.27**	**0.38**	**52**	**7.6**	**27**	**53**	**0.81**	**27**	<1.9	<0.24	<0.47	**44**	**48**	**0.40**
SB-4	0.5-1	10/13/2016	**2.7**	**0.82**	**43**	**0.088 J**	**0.42**	**6.2**	**8**	**46**	**3.3**	**0.12 J**	**13**	<2.0	<0.25	**0.42 J**	**57**	**33**	**0.074**
SB-4	4.5-5	10/13/2016	**2.7**	**2.7**	**63**	**0.26**	**0.32**	**50**	**7.1**	**5.8**	**9.3**	**0.27**	**25**	<1.9	<0.24	**0.35 J**	**50**	**29**	**0.044**
SB-5	0.5-1	10/13/2016	**21**	**12**	**290**	**0.35**	**1.9**	**99**	**8.4**	**130**	**790**	**0.57**	**22**	<1.9	<0.24	<0.49	**55**	**860**	**4.2**
SB-5	4.5-5	10/13/2016	**1.9 J**	**6.2**	**62**	**0.21**	**0.36**	**40**	**28**	**12**	**14**	**0.54**	**21**	<2.0	**2.7**	**0.33 J**	**40**	**33**	**0.098**

Notes:

All concentrations reported in milligrams per kilogram (mg/kg).

Samples were analyzed by United States Environmental Protection Agency (USEPA) Method 6010/7000 series.

Tier-1 ESL = Tier 1 Environmental Screening Level for Shallow Soils, San Francisco Bay Regional Water Quality Control Board, ESL Workbook, Tier-1 ESL Table, February 2016.

Applicable ESL = Appropriate ESL based on current and future site use as a Commercial/Industrial site using the Soil Summary Table from the San Francisco Bay Regional Water Quality Control Board ESL Workbook, February 2016.

Bold values indicate detections at or above the laboratory reporting limit.

Values shaded gray indicate concentrations detected above the Applicable ESLs. Assumes direct exposure for a commercial/industrial site.

Legend:

ft bgs = feet below ground surface

C/I = Commercial/Industrial

ESL = Environmental Screening Level

SB-# = Soil Boring Location

< = Analyte not detected at or above the stated laboratory reporting limit

J = Lab Qualifier - Estimated Value

Table 4
Polychlorinated Biphenyls in Soil
Phase II Site Investigation
1755 Egbert Avenue
San Francisco, California

Sample ID Location	Sample Depth (ft bgs)	Date Sampled	Aroclor- 1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
		Tier 1 ESLs	*0.25*	*0.25*	*0.25*	*0.25*	*0.25*	*0.25*	*0.25*
		Applicable ESLs	*1.0*	*1.0*	*1.0*	*1.0*	*1.0*	*1.0*	*1.0*
SB-1	0.5-1	10/13/2016	<0.012	<0.024	<0.012	<0.012	<0.012	**0.054**	**0.06**
SB-2	0.5-1	10/13/2016	<0.012	<0.024	<0.012	<0.012	<0.012	**0.018**	**0.027**
SB-2	2.5-3	10/13/2016	<0.012	<0.024	<0.012	<0.012	<0.012	<0.012	**0.087**
SB-3	0.5-1	10/13/2016	<0.012	<0.024	<0.012	<0.012	<0.012	<0.012	**0.15**
SB-4	0.5-1	10/13/2016	<0.083	<0.17	<0.083	<0.083	<0.083	<0.083	<0.083
SB-5	0.5-1	10/13/2016	<0.012	<0.024	<0.012	<0.012	<0.012	**0.054**	**0.2**

Notes:

All concentrations reported in milligrams per kilogram (mg/kg).

Samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8082.

Tier-1 ESL = Tier 1 Environmental Screening Level for Shallow Soils, San Francisco Bay Regional Water Quality Control Board, ESL Workbook, Tier-1 ESL Table, February 2016.

Applicable ESL = Appropriate ESL based on current and future site use as a Commercial/Industrial site using the Soil Summary Table from the San Francisco Bay Regional Water Quality Control Board *ESL Workbook* , February 2016.

Bold values indicate detections at or above the laboratory reporting limit.

Values shaded light gray indicate concentrations detected above the Applicable ESLs.

Legend:

ft bgs = feet below ground surface

C/I = Commercial/Industrial

ESL = Environmental Screening Level

--- = No screening level established

SB-# = Soil Boring Location

< = Analyte not detected at or above the stated laboratory reporting limit

NA = Not analyzed

Table 5
Organochlorine Pesticides in Soil
Phase II Site Investigation
1755 Egbert Avenue
San Francisco, California

Sample ID Location	Sample Depth (ft bgs)	Date Sampled	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endrin	Endrin Aldehyde	Gamma-Chlordane	Heptachlor Epoxide
		Tier 1 ESLs	*2.7*	*1.9*	*1.9*	*0.00017*	*0.0046*	*0.00065*	---	---	*0.00042*
		Applicable ESLs	*12*	*8.5*	*8.5*	*0.17*	*5,800*	*290*	---	---	*0.3*
SB-1	0.5-1	10/13/2016	<0.066	**0.37**	**0.48**	<0.034	<0.034	<0.066	<0.066	**0.012 CJ**	<0.034
SB-2	0.5-1	10/13/2016	<0.33	<0.33	<0.33	<0.17	<0.17	<0.33	<0.33	<0.17	<0.17
SB-2	2.5-3	10/13/2016	<0.33	<0.33	<0.33	<0.17	<0.17	<0.33	<0.33	<0.17	<0.17
SB-3	0.5-1	10/13/2016	<0.016	**0.059**	**0.013 J**	<0.0085	<0.0085	<0.016	<0.016	**0.0026 J**	<0.0085
SB-4	0.5-1	10/13/2016	<0.65	<0.65	<0.65	<0.34	<0.34	<0.65	<0.65	<0.34	<0.34
SB-5	0.5-1	10/13/2016	**0.13 C J**	**0.51**	**0.24**	<0.085	<0.085	<0.16	<0.16	**0.026 C J**	<0.085

Notes:

All concentrations reported in milligrams per kilogram (mg/kg).

Samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8081A.

Pesticides not listed were not detected above laboratory reporting limits.

Tier-1 ESL = Tier 1 Environmental Screening Level for Shallow Soils, San Francisco Bay Regional Water Quality Control Board, *ESL Workbook,* Tier-1 ESL Table, February 2016.

Applicable ESL = Appropriate ESL based on current and future site use as a Commercial/Industrial site using the Soil Summary Table from the San Francisco Bay Regional Water Quality Control Board *ESL Workbook* , February 2016.

Bold values indicate detections at or above the laboratory reporting limit.

Values shaded gray indicate concentrations detected above the Applicable ESLs.

Legend:

ft bgs = feet below ground surface
DDD = Dichlorodiphenyldichloroethane
DDE = Dichlorodiphenyldichloroethylene
DDT = Dichlorodiphenyltrichloroethane
ESL = Environmental Screening Level
--- = No screening level established
SB-# = Soil Boring Location
< = Analyte not detected at or above the stated laboratory reporting limit
NA = Not analyzed
C = Lab qualifier. Presence confirmed, but RPD between columns exceeds 40%.
J = Lab qualifier. Estimated value.
# = CCV drift outside limits: average CCV drift within limits per method requirements.

Table 6
Total Petroleum Hydrocarbons and Volatile Organic Compounds in Groundwater
Phase II Site Investigation
1755 Egbert Avenue
San Francisco, California

Sample ID Location	Sample Interval / Screen Interval (ft bgs)	Date Sampled	TPH-d*	TPH-mo*	TPH-g	Benzene	Carbon Disulfide	1,2-Dichloroethane	cis-1,2-Dichloroethene	Tetrachloroethene	Toluene	Trichloroethene	m,p-xylene	Methyl tert-butyl ether (MTBE)**	4-Methyl-2-Pentanone	1,2,4-trimethylbenzene
		Tier-1 ESL	*100*	*50,000* [1]	*100*	*1*	---	*0.5*	*6*	*3*	*40*	*5*	*20*	*5*	---	---
		ESL Direct Exposure	*150*	*50,000*	*220*	*1*	---	*0.5*	*6*	*5*	*40*	*5*	*20*	*5*	---	---
		C/I Groundwater ESLs for Vapor Intrusion	---	---	---	*9.7*	---	*53*	*950*	*26*	*30,000*	*49*	*11,000*	*11,000*	---	---
		MCLs	---	---	---	*1*	---	*0.5*	*6*	*5*	*150*	*5*	*1,750*	*13*		---
SB-1-GW	9-19	10/13/2016	**32 J**	<300	<50	<0.5	**0.3 J**	<0.5	**0.2 J**	**0.2 J**	**0.1 J**	**0.2 J**	<0.5	**0.8**	<10	<0.5
SB-2-GW	11-15	10/14/2016	**16,000 NJ**	**85,000**	**9.2 J**	**0.1 J**	<0.5	<0.5	<0.5	<0.5	**0.3 J**	<0.5	**0.1 J**	**4.8**	**1.5 J**	**0.2 J**
SB-3-GW	9-19	10/13/2016	**150 NJ**	**400**	<50	<0.5	<0.5	**0.4 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**560**	<10	<0.5
SB-4-GW	9-19	10/13/2016	**39 J**	<300	<50	<0.5	<0.5	**0.3 J**	<0.5	<0.5	<0.5	<0.5	<0.5	**710**	<10	<0.5
SB-5-GW	9-19	10/13/2016	**270 NJ**	**1,700**	<830	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	**1,200**	<170	<8.3

Notes:

All concentrations reported in micrograms per liter (µg/L).

* = Samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8015B Modified (M).

** = Samples were analyzed by USEPA Method 8260B. The only VOCs presented in the table are BTEX compunds and MTBE. Samples analyzed were non-detect for all other VOCs in the 8260 compund list. Full list of VOCs are presented in the analytical reports included in Attachment B of the report.

Tier 1 ESLs = Tier 1 Environmental Screening Levels for Groundwater, San Francisco Bay Regional Water Quality Control Board (San Francisco Bay RWQCB), *ESL Workbook* , Tier 1 Summary Table, February 2016.
Direct Exposure Groundwater ESLs = San Francisco Bay RWQCB, *ESL Workbook* , Table GW-1, February 2016.
ESLs for Vapor Intrusion = Commercial/Industrial Environmental Screening Levels for Evaluation of Potential Vapor Intrusion, San Francisco Bay RWQCB, *ESL Workbook* , Table GW-3, February 2016.
MCLs = California Maximum Contaminant Levels, 29 September 2016.

Bold values indicate detections at or above the laboratory reporting limit.

Values shaded gray indicate concentrations detected above the applicable ESLs. For groundwater, assumes direct exposure.

1 - Tier 1 for TPH-mo based on gross contamination level as TPH-mo is not soluble in water.
VOCs not detected not included on table.

Legend:

ft bgs = feet below ground surface
BTEX = benzene, toluene, ethylbenzene, xylene
TPH-d = Total Petroleum Hydrocarbons as Diesel
TPH-mo = Total Petroleum Hydrocarbons as Motor Oil
TPH-g = Total Petroleum Hydrocarbons as Gasoline
C/I = Commercial/Industrial
ESL = Environmental Screening Level
MCL = Maximum Contaminant Level
NS = Not sampled
--- = No screening level established
SB-# = Soil Boring Location
< = Analyte not detected at or above the stated laboratory reporting limit

Qualifiers:

J = Lab Qualifier - Estimated Value
NJ = Sample exhibits chromatographic pattern which does not resemble standard

Table 7
Semivolatile Organic Compounds in Groundwater
Phase II Site Investigation
1755 Egbert Avenue
San Francisco, California

Sample ID Location	Sample Interval / Screen Interval (ft bgs)	Date Sampled	Phenol
		Tier-1 ESL	*5*
		ESL Direct Exposure	*4,200*
		C/I Groundwater ESLs for Vapor Intrusion	---
		MCLs	---
SB-1-GW	9-19	10/13/2016	<9.4
SB-2-GW	11-15	10/14/2016	**19 J**
SB-3-GW	9-19	10/13/2016	<9.4
SB-4-GW	9-19	10/13/2016	<9.4
SB-5-GW	9-19	10/13/2016	<190

Notes:

All concentrations reported in micrograms per liter (µg/L).

Samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8270C.

Only SVOCs with detections above laboratory reporting limits are presented.

Tier 1 ESLs = Tier 1 Environmental Screening Levels for Groundwater, San Francisco Bay

Direct Exposure Groundwater ESLs = San Francisco Bay RWQCB, ESL Workbook, Table GW-1, February 2016.

ESLs for Vapor Intrusion = Commercial/Industrial Environmental Screening Levels for Evaluation of Potential Vapor Intrusion, San Francisco Bay RWQCB, ESL Workbook, Table

MCLs = Commercial/Industrial Regional Screening Level, EPA Region 9 RSL Summary Table, September 2016.

Bold values indicate detections at or above the laboratory reporting limit.

Values shaded gray indicate concentrations detected above the applicable ESLs. For groundwater, assumes direct exposure.

Legend:

ft bgs = feet below ground surface

C/I = Commercial/Industrial

ESL = Environmental Screening Level

MCL = Maximum Contaminant Level

--- = No screening level established

SB-# = Soil Boring Location

< = Analyte not detected at or above the stated laboratory reporting limit

NA = Not Analyzed

J = Lab Qualifier - Estimated Value

b = Samples were prepared outside of hold time.

Table 8
Metals in Groundwater
Phase II Site Investigation
1755 Egbert Avenue
San Francisco, California

Sample ID Location	Sample Interval / Screen Interval (ft bgs)	Date Sampled	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
		Tier-1 ESL	*6*	*10*	*1,000*	*2.7*	*0.25*	*50*	*3*	*3.1*	*2.5*	*100*	*8.2*	*5*	*0.19*	*2*	*19*	*81*	*0.051*
		ESL Direct Exposure	*6*	*10*	*1,000*	*4*	*5*	*50*	*6*	*1,000*	*15*	*100*	*100*	*50*	*100*	*2*	*50*	*5,000*	*2*
		MCLs	*6*	*10*	*1,000*	*4*	*5*	*50*	*---*	*1,300*	*15*	*---*	*100*	*50*	*---*	*2*	*---*	*---*	*2*
SB-1-GW	9-19	10/13/2016	**48**	**32**	**660**	**4.5**	**4.5 J**	**1,100**	**120**	**99**	**90**	**26**	**450**	<10	<5.0	<1.0	**810**	**670**	**1.5**
SB-2-GW	11-15	10/14/2016	**14**	**12**	**290**	**1.0 J**	<5.0	**660**	**33**	**37**	**56**	**0.33**	**19**	**150**	<10	**3.4 J**	**310**	**170**	**0.33**
SB-3-GW	9-19	10/13/2016	**6.0 J**	**18**	**270**	**0.76 J**	**1.4 J**	**160**	**32**	**12**	**17**	**23**	**150**	<10	<5.0	<10	**210**	**90**	**0.072 J**
SB-4-GW	9-19	10/13/2016	**16**	**37**	**440**	**1.7 J**	**3.5 J**	**670**	**95**	**24**	**17**	**22**	**360**	<10	<5.0	<1.0	**520**	**330**	**0.28**
SB-5-GW	9-19	10/13/2016	<10	**32**	**570**	**2.0**	**3.2 J**	**600**	**110**	**51**	**72**	**17**	**500**	<10	<5.0	**5.1 J**	**440**	**320**	**0.19 J**

Notes:

All concentrations reported in micrograms per liter (µg/L).

Samples were analyzed by United States Environmental Protection Agency (USEPA) Method 6010/7000 series.

Tier 1 ESLs = Tier 1 Environmental Screening Levels for Groundwater, San Francisco Bay Regional Water Quality Control Board (San Francisco Bay RWQCB), ESL Workbook, Tier 1 Summary Table, February 2016.

Direct Exposure Groundwater ESLs = San Francisco Bay RWQCB, ESL Workbook, Table GW-1, February 2016.

ESLs for Vapor Intrusion = Commercial/Industrial Environmental Screening Levels for Evaluation of Potential Vapor Intrusion, San Francisco Bay RWQCB, ESL Workbook, Table GW-3, February 2016.

MCLs = Commercial/Industrial Regional Screening Level, EPA Region 9 RSL Summary Table, September 2016.

Bold values indicate detections at or above the laboratory reporting limit.

Values shaded gray indicate concentrations detected above the applicable ESLs. For groundwater, assumes direct exposure.

Legend:

ft bgs = feet below ground surface

C/I = Commercial/Industrial

ESL = Environmental Screening Level

MCL = Maximum Contaminant Level

--- = No screening level established

SB-# = Soil Boring Location

< = Analyte not detected at or above the stated laboratory reporting limit

J = Lab Qualifier - Estimated Value

Appendix A
Geophysical Survey Report

GROUND PENETRATING RADAR SYSTEMS, INC.

EXPERTS IN GPR

October 13, 2016

Shannon Martin
ERM

Re: GPR Investigation to Locate underground storage tanks (UST's)

Site: 1755 Egbert Ave, San Francisco, CA

Purpose

The purpose of the survey was to scan for potential UST's.

Equipment

- **Ground Penetrating Radar (GPR), Manufacturer: GSSI, Model: SIR-3000 processing unit with 400 MHz antenna.** GPR works by sending pulses of energy into a material and recording the strength and the time required for the return of the reflected signal. Reflections are produced when the energy pulses enter into a material with different electrcial conduction properties from the material it left. The strength of the reflection is determined by the contrast in conductivity between the two materials. The total depth achieved can be as much as 8' with this antenna but can vary widely depending on the dielectric properties of the materials.

- **RD7100 pipe locator, Manufacturer: Radiodetection.** The RD7100 can detect the electromagnetic fields from live power or radio frequency signals. It can also be used in conjunction with a trasmitter to connect directly to accessible, metallic pipes, risers, or tracer wires. A tone is sent through the pipe or tracer wire at a specific frequency which can then be detected by the receiver.

Process

Our process begins with collecting scans with GPR across the areas in a grid pattern. Scans are typically spaced 3'-10' apart depending on the size of the targets being searched for. The GPR data is interpreted in real time and anomalies in the data are located and marked on the surface with chalk, spray paint, pin flags, etc.

Findings

During the scanning process, GPRS found no anomalies that appear to be underground storage tanks. We found one area with softer soil that appears to be a previous dig site. See pictures in following pages.

Limitations

Please keep in mind that there are limitations to any subsurface investigation. The equipment may not achieve maximum effectiveness due to soil conditions, above ground obstructions, layers of reinforced concrete, and a variety of other factors. No subsurface investigation or equipment can provide a complete image of what lies below. Our results should always be used in conjunction with as many methods as possible including consulting existing plans and drawings, exploratory excavation or potholing, visual inspection of above ground features, and utilization of services such as Dig Alert/Underground Service Alert. Maximum GPR depth at this site was between 4 and 5 feet.

The following pages will further explain the findings.

I appreciate the opportunity to have worked with you on this project. Please feel free to contact me if you have any additional questions.

Regards,

Jim Barney
Project Manager, Northern California
Ground Penetrating Radar Systems
408-201-4110
jim.barney@gp-radar.com

AERIAL IMAGE OF APPROXIMATE AREA SCANNED

The approximate limits of the area scanned for UST's are shown below.



Site Photos

All findings in this scan are marked in paint on the surface.

Dimensions represent approximate top of pipe.

Legend for GPRS Field Notes

Storm &
Sanitary
Electric
Gas
Water
Data
Unknown



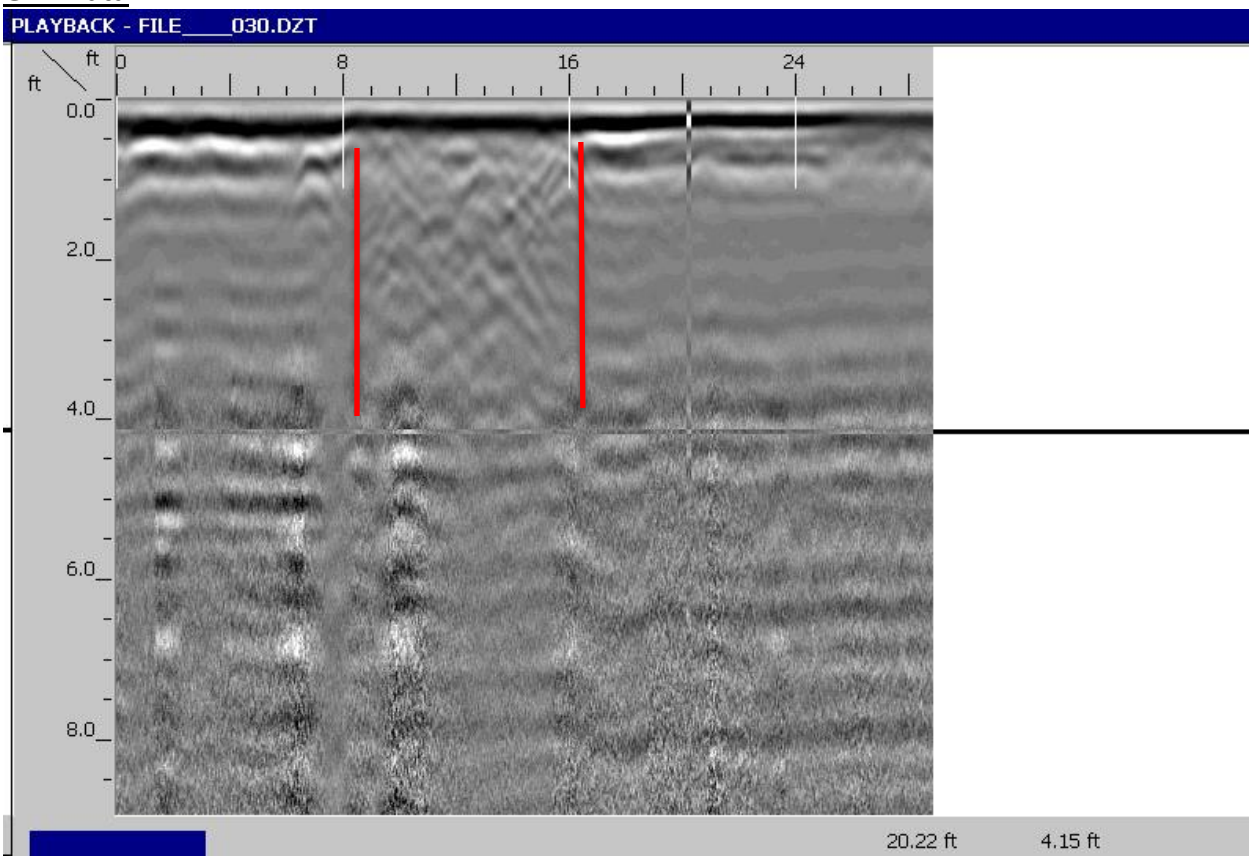




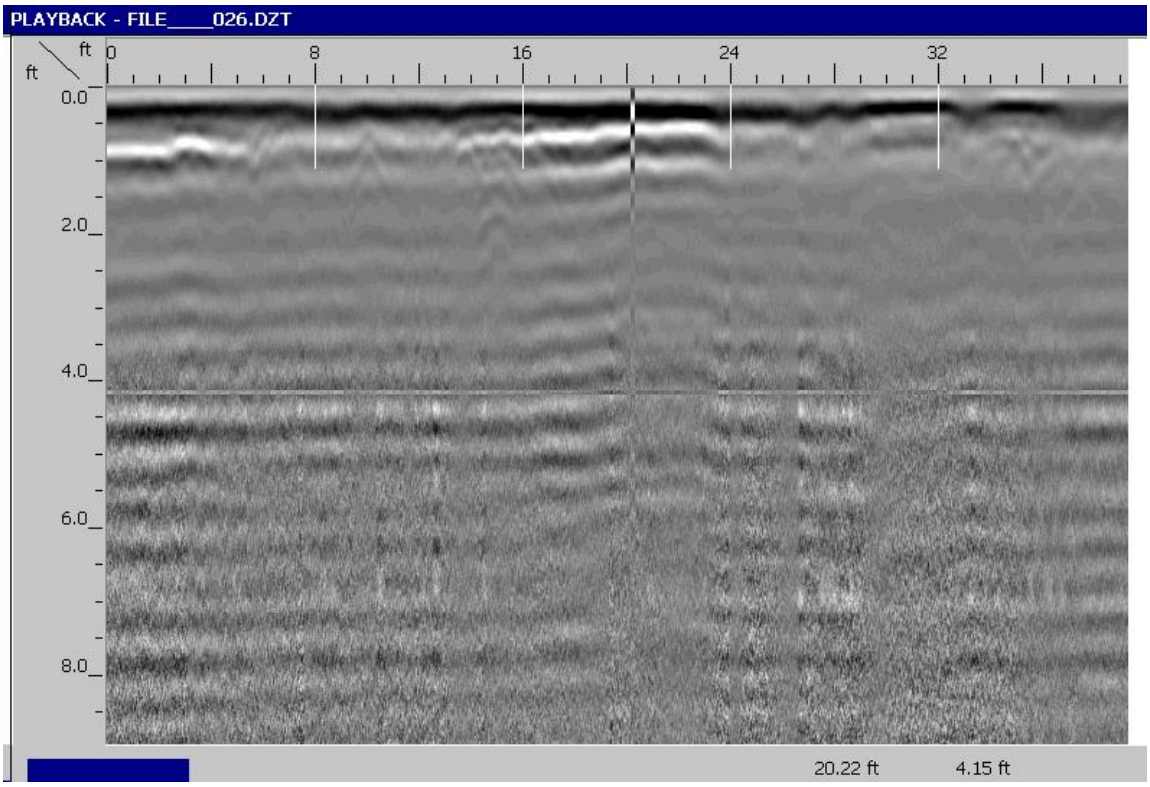




GPR Data

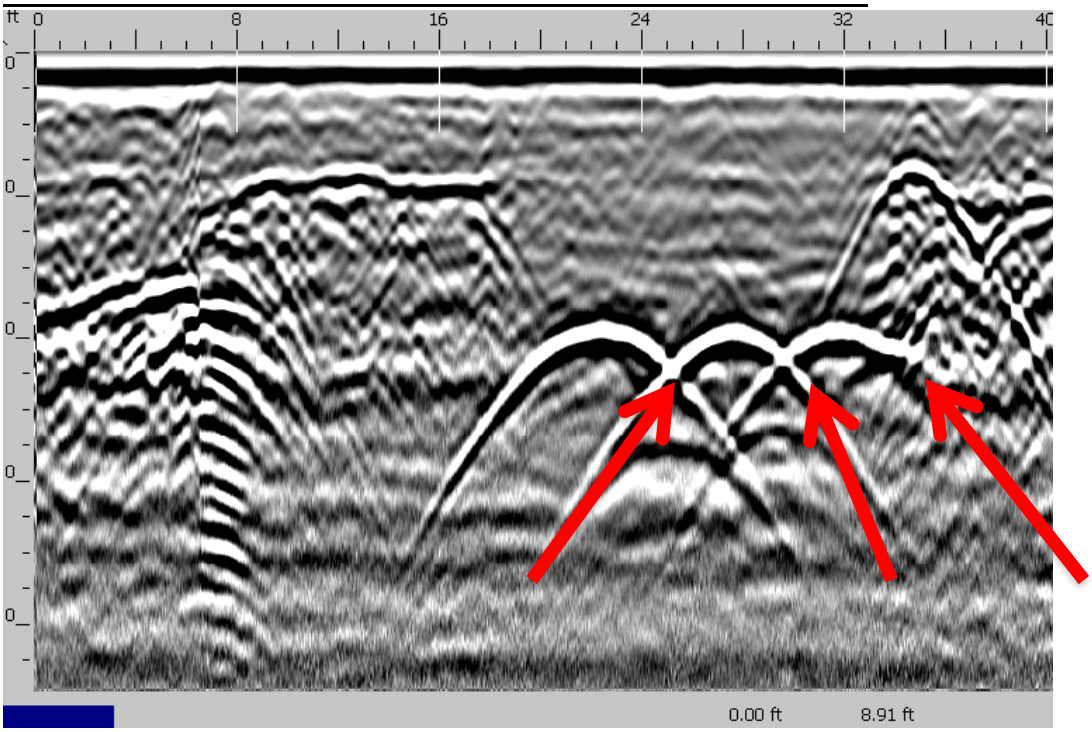


Here is a GPR scan of the soft soil area covered with plywood; no UST's were found, however, the area highlighted above appears to be distrurbed soil.



Other scans in the area show no evidence of UST's. See Example below.

EXAMPLE UNDERGROUND STORAGE TANK DATA



Here is an EXAMPLE of GPR data from a DIFFERENT project where UST's were found. The red arrows are pointing to three UST's.

Appendix B
Boring Logs

ERM
1277 Treat Blvd, Suite 500
Walnut Creek, CA 94597
Phone: (925) 946-0455
Fax: (925) 946-9968

LOG OF BOREHOLE: SB-1

Project Number: 0363086
Project Name: Martin Extension
Client Name: PG&E
Location: San Francisco, California
Contractor: Cascade Drilling
Drilling Method: Direct Push
Logged By: S. Martin

Date Started: 10/13/2016
Date Completed: 10/13/2016
Total Depth: 19 feet
Borehole Diameter: 2"
Initial Water Level: 12.5 feet bgs
Notes: Hand augered to 5' bgs. Temporary 3/4" diameter PVC casing installed at bottom of borehole with screen 9-19' bgs. Grab groundwater sample collected.

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations
		0.0			FILL: brown sand, some fine to coarse gravel, dry.
					SB-1-1
		0.2			
		0.3			AS ABOVE EXCEPT: reddish brown, increase in gravel content, some fines, increase in moisture.
		0.2			
5					SB-1-5
		0.0	SP		SAND WITH CLAY AND GRAVEL (SP): reddish brown, fien to carse sand, some gravel fill, contains glass fragments, moist.
		1.1			No recovery.
			SM		SILTY SAND (SM): dark gray, fine sand, moist.
		0.7	CL		CLAY (CL): dark gray, 10-15% fine sand, high plasticity, soft, moist.
		0.9			
10					
		0.8			SANDY CLAY (CL): yellowish brown, mottled with greenish gray, fine sand, soft, moist.
		0.0			
		0.0	SM		SILTY SAND (SM): light gray, fine sand, 30% fines, wet at 12.5' bgs.
					No recovery.

BOREHOLE TO 15 WC2 - - 11/16/16 14:48 - \\WDWALFS01\CAD\GINT BORING LOGS\MARTIN EXTENSION - 0363086\MARTIN EXTENSION.GPJ

ERM
1277 Treat Blvd, Suite 500
Walnut Creek, CA 94597
Phone: (925) 946-0455
Fax: (925) 946-9968

LOG OF BOREHOLE: SB-1

Project Number: 0363086
Project Name: Martin Extension
Client Name: PG&E
Location: San Francisco, California
Contractor: Cascade Drilling
Drilling Method: Direct Push
Logged By: S. Martin

Date Started: 10/13/2016
Date Completed: 10/13/2016
Total Depth: 19 feet
Borehole Diameter: 2"
Initial Water Level: 12.5 feet bgs
Notes: Hand augered to 5' bgs. Temporary 3/4" diameter PVC casing installed at bottom of borehole with screen 9-19' bgs. Grab groundwater sample collected.

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations
		0.0 0.0 0.0	SP		SAND (SP): yellowish brown, medium grained, loose, wet.
20					Total Depth - 19 feet bgs
25					

BOREHOLE TO 15 WC2 - - 11/16/16 14:48 - \\WDWALFS01\CAD\GINT BORING LOGS\MARTIN EXTENSION - 0363086\MARTIN EXTENSION.GPJ

ERM
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Walnut Creek, CA 94597
Phone: (925) 946-0455
Fax: (925) 946-9968

LOG OF BOREHOLE: SB-2

Project Number: 0363086
Project Name: Martin Extension
Client Name: PG&E
Location: San Francisco, California
Contractor: Cascade Drilling
Drilling Method: Direct Push
Logged By: S. Martin

Date Started: 10/13/2016
Date Completed: 10/14/2016
Total Depth: 15 feet
Borehole Diameter: 2"
Initial Water Level: 10 feet bgs
Notes: Hand augered to 5' bgs. Temporary 3/4" diameter PVC casing installed at bottom of borehole with screen 11-15' bgs. Grab groundwater sample collected.

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations
		9.0			FILL: sand and gravel fill, brick fragments. SB-2-1
		12.7			FILL: silty gravel fill with some clat, stained black, hydrocarbon-like odor, contains glass.
		21.7			SB-2-3
			SC		CLAYEY SAND (SC): yellowish brown, coarse sand, 30-40% clay, cohesive, moist.
5		2.3	CL-ML		SILTY CLAY (CL-ML): dark gray, soft, some fine sand, moist, hydrocarbon-like odor.
		26.0			
		15.8			CLAY (CL): stained black, soft, high plasticity, moist, hydrocarbon-like odor.
		27.5	CL		
		19.9			
10					
		14.3	SP		SAND (SP): grayish green, medium sand, dense, wet, slight hydrocarbon-like and solvent-like odor.
					No recovery.

Total Depth - 15 feet bgs

BOREHOLE TO 15 WC2 - - 11/16/16 14:48 - \\WDWALFS01\CAD\GINT BORING LOGS\MARTIN EXTENSION - 0363086\MARTIN EXTENSION.GPJ

ERM
1277 Treat Blvd, Suite 500
Walnut Creek, CA 94597
Phone: (925) 946-0455
Fax: (925) 946-9968

LOG OF BOREHOLE: SB-3

Project Number: 0363086
Project Name: Martin Extension
Client Name: PG&E
Location: San Francisco, California
Contractor: Cascade Drilling
Drilling Method: Direct Push
Logged By: S. Martin

Date Started: 10/13/2016
Date Completed: 10/13/2016
Total Depth: 19 feet
Borehole Diameter: 2"
Initial Water Level: 11.5 feet bgs
Notes: Hand augered to 5' bgs. Temporary 3/4" diameter PVC casing installed at bottom of borehole with screen 9-19' bgs. Grab groundwater sample collected.

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations
					FILL: gravel, fien to coarse sand.
		0.0			SB-3-1
		0.0			AS ABOVE EXCEPT: grades to reddish brown, mostly coarse sand.
		0.0			
		0.0			AS ABOVE EXCEPT: pieces of metallic-like fill from 4.5-5' bgs.
5		0.0			SB-3-5
		1.7			SILTY CLAY (CL): stained black, trace fine sand, soft, moist, hydrocarbon-like odor.
		5.0	CL		SANDY CLAY (CL): grayish green, 20-30% fine sand, soft, cohesive, low plasticity.
		4.1			
10		2.3			
					No recovery.
				▽	SAND (SP): grayish green, medium sand, loose to slightly dense, wet.
		3.8	SP		
		2.6			AS ABOVE EXCEPT: orange oxidaiton-like staining from 13-14' bgs, strong hydrocarbon-like odor.
		37.6			No recovery.

BOREHOLE TO 15 WC2 - - 11/16/16 14:48 - \\WDWALFS01\CAD\GINT BORING LOGS\MARTIN EXTENSION - 0363086\MARTIN EXTENSION.GPJ

ERM
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Walnut Creek, CA 94597
Phone: (925) 946-0455
Fax: (925) 946-9968

LOG OF BOREHOLE: SB-3

Project Number: 0363086
Project Name: Martin Extension
Client Name: PG&E
Location: San Francisco, California
Contractor: Cascade Drilling
Drilling Method: Direct Push
Logged By: S. Martin

Date Started: 10/13/2016
Date Completed: 10/13/2016
Total Depth: 19 feet
Borehole Diameter: 2"
Initial Water Level: 11.5 feet bgs
Notes: Hand augered to 5' bgs. Temporary 3/4" diameter PVC casing installed at bottom of borehole with screen 9-19' bgs. Grab groundwater sample collected.

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations
		7.2 8.7 10.6 12.3	SP		SAND (SP): yellowish brown with orange oxidation-like staining, loose, wet, slight hydrocarbon-like odor.
20					Total Depth - 19 feet bgs
25					

BOREHOLE TO 15 WC2 - - 11/16/16 14:48 - \\WDWALFS01\CAD\GINT BORING LOGS\MARTIN EXTENSION - 0363086\MARTIN EXTENSION.GPJ

ERM
1277 Treat Blvd, Suite 500
Walnut Creek, CA 94597
Phone: (925) 946-0455
Fax: (925) 946-9968

LOG OF BOREHOLE: SB-4

Project Number: 0363086
Project Name: Martin Extension
Client Name: PG&E
Location: San Francisco, California
Contractor: Cascade Drilling
Drilling Method: Direct Push
Logged By: S. Martin

Date Started: 10/13/2016
Date Completed: 10/13/2016
Total Depth: 19 feet
Borehole Diameter: 2"
Initial Water Level: 11 feet bgs
Notes: Hand augered to 5' bgs. Temporary 3/4" diameter PVC casing installed at bottom of borehole with screen 9-19' bgs. Grab groundwater sample collected.

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations
		0.1			FILL: dark brown, sand and gravel.
	SB-4-1				
		0.6			AS ABOVE EXCEPT: grades to reddish brown, increase in sand content, some fines.
		0.8	SP		SAND (SP): reddish brown, 10% fines, fine to medium sand, loose, moist.
5	SB-4-5	0.0			
		0.0	CL		SILTY CLAY (CL): dark gray, soft, medium to high plasticity, moist.
		1.3			SANDY CLAY (CL): stained black, fine sand, soft, moist, hydrocarbon-like odor.
					AS ABOVE EXCEPT: grades to greenish blue, 30% sand, stiff.
10					No recovery.
		0.0	SP		SAND (SP): yellowish brown with some orange mottling/ oxidation-like staining, medium sand, dense, wet.
		0.0			

BOREHOLE TO 15 WC2 - - 11/16/16 14:48 - \\WDWALFS01\CAD\GINT BORING LOGS\MARTIN EXTENSION - 0363086\MARTIN EXTENSION.GPJ

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Walnut Creek, CA 94597
Phone: (925) 946-0455
Fax: (925) 946-9968

LOG OF BOREHOLE: SB-4

Project Number: 0363086
Project Name: Martin Extension
Client Name: PG&E
Location: San Francisco, California
Contractor: Cascade Drilling
Drilling Method: Direct Push
Logged By: S. Martin

Date Started: 10/13/2016
Date Completed: 10/13/2016
Total Depth: 19 feet
Borehole Diameter: 2"
Initial Water Level: 11 feet bgs
Notes: Hand augered to 5' bgs. Temporary 3/4" diameter PVC casing installed at bottom of borehole with screen 9-19' bgs. Grab groundwater sample collected.

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations
		0.0			SAND (SP): yellowish brown with some orange mottling/ oxidation-like staining, medium sand, dense, wet.
					AS ABOVE EXCEPT: some fine gravel.
		0.0	SP		
					Total Depth - 19 feet bgs
20					
25					

BOREHOLE TO 15 WC2 - - 11/16/16 14:48 - \\WDWALFS01\CAD\GINT BORING LOGS\MARTIN EXTENSION - 0363086\MARTIN EXTENSION.GPJ

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Phone: (925) 946-0455
Fax: (925) 946-9968

LOG OF BOREHOLE: SB-5

Project Number: 0363086
Project Name: Martin Extension
Client Name: PG&E
Location: San Francisco, California
Contractor: Cascade Drilling
Drilling Method: Direct Push
Logged By: S. Martin

Date Started: 10/13/2016
Date Completed: 10/13/2016
Total Depth: 19 feet
Borehole Diameter: 2"
Initial Water Level: 9.5 feet bgs
Notes: Hand augered to 5' bgs. Temporary 3/4" diameter PVC casing installed at bottom of borehole with screen 9-19' bgs. Grab groundwater sample collected.

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations
					FILL: sand and coarse gravel fill, dark brown, dry.
		12.9			SB-5-1
		9.3			
		31.4			
		110			AS ABOVE EXCEPT: grades to dark gray.
					SB-5-5
5		117			
		73.6	CL-ML		SILTY CLAY (CL-ML): dark gray to brown, cohesive, soft, moist, hydrocarbon-like odor.
		49.6			
		51.3	SC		CLAYEY SAND (SC): orageish brown, 30% clay, dense, moist.
		41.7	SP	▽	SAND (SP): orangeish brown, fine sand, 10% fines, dense, wet, slight hydrocarbon-like odor.
10		17.9			NO recovery.
		30.7	SP		SAND (SP): yellowish brown, fine sand, dense, wet, slight hydrocarbon-like and solvent-like odor.
		97.4			AS ABOVE EXCEPT: some gray mottling.
		99.5			No recovery.

BOREHOLE TO 15 WC2 - - 11/16/16 14:48 - \\WDWALFS01\CAD\GINT BORING LOGS\MARTIN EXTENSION - 0363086\MARTIN EXTENSION.GPJ

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1277 Treat Blvd, Suite 500
Walnut Creek, CA 94597
Phone: (925) 946-0455
Fax: (925) 946-9968

LOG OF BOREHOLE: SB-5

Project Number: 0363086
Project Name: Martin Extension
Client Name: PG&E
Location: San Francisco, California
Contractor: Cascade Drilling
Drilling Method: Direct Push
Logged By: S. Martin

Date Started: 10/13/2016
Date Completed: 10/13/2016
Total Depth: 19 feet
Borehole Diameter: 2"
Initial Water Level: 9.5 feet bgs
Notes: Hand augered to 5' bgs. Temporary 3/4" diameter PVC casing installed at bottom of borehole with screen 9-19' bgs. Grab groundwater sample collected.

Depth (ft)	Sample Interval	PID (ppm)	USCS Code	GRAPHIC LOG	Soil Descriptions and Observations
		112 31.5 39.7 76.6	SP		SAND (SP): yellowish brown with some gray mottling, medium grained sand, dense, wet, slight hydrocaron-like and solvent-like odor.
20					Total Depth - 19 feet bgs
25					

BOREHOLE TO 15 WC2 - - 11/16/16 14:48 - \\WDWALFS01\CAD\GINT BORING LOGS\MARTIN EXTENSION - 0363086\MARTIN EXTENSION.GPJ

Appendix C
QA/QC Review and
Laboratory Reports

Memorandum

Environmental Resources Management

2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
(916) 924-9378
(916) 920-3978 (fax)

To: Shannon Martin

From: Sandra Mulhearn

Date: 10 November 2016

Subject: Data Review of Martin Extension 2016 Soil and Groundwater Monitoring Data

Project Number: 0363086

Data Package: Curtis and Tompkins, Ltd. Data Packages 282148, 282196, 282764, and 282898

The quality of the data was assessed and any necessary qualifiers were applied following the *USEPA National Functional Guidelines for Superfund Organic Methods Data Review,* September 2016 and *USEPA National Functional Guidelines for Inorganic Superfund Data Review,* September 2016.

HOLDING TIME AND PRESERVATION EVALUATION

The samples were prepared and analyzed within the method-prescribed time period from the date of collection with limited exceptions. One sample, SB-5-9, was analyzed for EPA 8015B and 8270C outside of the holding time. The samples were non-detect and have been qualified as estimated (UJ). The qualified samples are listed in Table 1.

The sample shipments were received at the laboratory within the method-prescribed temperature and preservation requirements with limited exceptions. Several samples for metals did not meet the pH requirements and nitric acid was added to achieve the appropriate pH. In addition, several VOA vials had headspace present. However, these affected vials did not represent all of the submitted vials for any one sample, therefore, it was presumed that the laboratory would select a vial that did not have bubbles for analysis. The affected samples are identified in Table 2. None of the data were qualified based on preservation exceedances.

BLANK EVALUATION

The method blank and trip blank sample results were nondetected for each of the target analytes with limited exceptions. VOCs and metals

were detected in method blanks, however, no detected results were within five or ten times the blank concentration, respectively. The method blank detections are listed in Table 3.

BLANK SPIKE EVALUATION

The laboratory control sample (LCS) recoveries were within the laboratory's limits of acceptance. The LCS recoveries indicate acceptable laboratory accuracy and precision.

MATRIX SPIKE EVALUATION

The matrix spike (MS) and matrix spike duplicate (MSD) recoveries were within the laboratory's limits of acceptance with limited exceptions. No data were qualified if the sample concentration was greater than four times the spike concentration, if an outlying recovery is accompanied by an in-control recovery, or if the sample used for MS/MSD analysis was a non-project sample. The outliers are listed in Table 4.

SURROGATE SPIKE EVALUATION

The surrogate recoveries were within acceptable limits with several exceptions. The laboratory noted several recoveries were diluted out. No data were qualified if the dilution factor was 10-fold or greater. In addition, one surrogate recovery from an 8270C analysis was below the lower control limit. For the 8270C analysis, no samples are qualified if only one surrogate recovery is outside control limits. The outliers are presented in Table 5.

FIELD DUPLICATE EVALUATION

No samples were submitted in duplicate.

TPH EVALUATION

The laboratory noted that the hydrocarbon patterns present in several samples were atypical of a standard fuel pattern. ERM qualified the affected sample as tentatively identified and estimated (NJ) as shown in Table 6.

COLUMN DIFFERENCES

The laboratory noted that there were significant differences between the concentrations reported on the two columns for two samples. These results have been qualified as estimated (J). The qualified results are presented in Table 7.

CONTINUING CALIBRATION VERIFICATION EXCEEDENCES

The laboratory reported a drift in the continuing calibration verification (CCV) associated with several analytes for one sample. The affected results are qualified as estimated (UJ). The associated results are presented in Table 8.

OVERALL ASSESSMENT

No data were determined to be unusable. All of the data, including qualified data, can be used for decision-making purposes. The quality of the data generated during this investigation is acceptable for the preparation of technically-defensible documents.

Table 1
Samples with Exceeded Holding Times
PG&E Martin Extension
San Jose, California

Lab Package	Sample ID	Method	Holding Time	# of Days Exceeded	ERM Qualifier
282764	SB-5-9	EPA 8015B	14 days to extraction	5	UJ
282764	SB-5-9	EPA 8270C	14 days to extraction	5	UJ

Key:
UJ = Nondetected, estimated report limit

Table 2
Samples with Headspace
PG&E Martin Extension
San Jose, California

Lab Package	Sample ID	Analysis Method	# of Affected Containers	Bubble Size	ERM Qualifier
282148	SB-1-GW	EPA 8260B	3 of 6 VOAs	>6mm	--
282148	TRIP BLANK	EPA 8260B	1 of 3 VOAs	>6mm	--
282196	TRIP BLANK	EPA 8260B	1 of 3 VOAs	>6mm	--

Key:
mm = millimeter

Table 3
Blank and Associated Suspect Sample Detections
PG&E Martin Extension
San Jose, California

Lab Package	Blank ID	Associated Samples	Detected Compound	Reported Concentration	Report Limit	Units	ERM Qualifier
282148	BLANK (QC856190)	--	1,3-Dichlorobenzene	0.1	0.5	ug/L	--
282148	BLANK (QC856190)	--	1,4-Dichlorobenzene	0.2	0.5	ug/L	--
282148	BLANK (QC856190)	--	n-Butylbenzene	0.9	0.5	ug/L	--
282148	BLANK (QC856190)	--	1,2-Dichlorobenzene	0.1	0.5	ug/L	--
282148	BLANK (QC856190)	--	1,2,4-Trichlorobenzene	0.2	0.5	ug/L	--
282148	BLANK (QC856190)	--	Naphthalene	0.2	2.0	ug/L	--
282148	BLANK (QC856190)	--	1,2,3-Trichlorobenzene	0.2	0.5	ug/L	--
282196	BLANK (QC856386)	--	Nickel	0.081	0.26	mg/kg	--
282196	BLANK (QC856386)	--	Silver	0.05	0.26	mg/kg	--
282196	BLANK (QC856386)	--	Zinc	1.1	1.0	mg/kg	--

Key:
µg/L = Micrograms per liter
mg/kg = Milligrams per kilogram

Table 4
Spike Recoveries Outside of Acceptable Limits
PG&E Martin Extension
San Jose, California

Lab Package	Spike Sample ID	Associated Sample	Compound	Recovery (%)	Limit (%)	RPD	RPD Limit	Result	ERM Qualifier
			MS/MSD						
282148	282150-001 MS/MSD	--	Trichloroethene	142/156	49-145	9	46	--	--
282148	SB-1-1 MS/MSD	--	Mercury	68/108	69-142	14	36	--	--
282148	281918-005 MS/MSD	--	Mercury	246/129	69-142	46	36	--	--
282196	SB-5-1 MS/MSD	--	Antimony	113/47	35-154	56	41	--	--
282196	SB-5-1 MS/MSD	--	Barium	177/51	35-154	18	36	4X	--
282196	SB-5-1 MS/MSD	--	Copper	136/164	54-144	8	38	--	--
282196	SB-5-1 MS/MSD	--	Lead	327/212	53-125	NC	42	4X	--
282196	SB-5-1 MS/MSD	--	Zinc	817/111	45-145	NC	39	4X	--
282196	SB-1-1 MS/MSD	--	Mercury	68/108	69-142	14	36	--	--

Key:
RPD = Relative percent difference
4X = sample concentration was greater than four times the spike concentration

Table 5
Surrogate Recovery Results out of Acceptable Limits
PG&E Martin Extension
San Jose, California

Lab Package	Sample ID	Method	Surrogate	Recovery (%)	Limit (%)	Note	ERM Qualifier
282148	SB-1-GW	EPA 8270C	Terphenyl-d14	15	21-120	DF = 1	--
282148	SB-1-1	EPA 8270C	2-Fluorophenol	DO	25-120	DF = 100	--
282148	SB-1-1	EPA 8270C	Phenol-d5	DO	36-120	DF = 100	--
282148	SB-1-1	EPA 8270C	2,4,6-Tribromophenol	DO	27-120	DF = 100	--
282148	SB-1-1	EPA 8270C	Nitrobenzene-d5	DO	44-120	DF = 100	--
282148	SB-1-1	EPA 8270C	2-Fluorobiphenyl	DO	47-120	DF = 100	--
282148	SB-1-1	EPA 8270C	Terphenyl-d14	DO	49-120	DF = 100	--
282148	SB-1-5	EPA 8270C	2-Fluorophenol	DO	25-120	DF = 100	--
282148	SB-1-5	EPA 8270C	Phenol-d5	DO	36-120	DF = 100	--
282148	SB-1-5	EPA 8270C	2,4,6-Tribromophenol	DO	27-120	DF = 100	--
282148	SB-1-5	EPA 8270C	Nitrobenzene-d5	DO	44-120	DF = 100	--
282148	SB-1-5	EPA 8270C	2-Fluorobiphenyl	DO	47-120	DF = 100	--
282148	SB-1-5	EPA 8270C	Terphenyl-d14	DO	49-120	DF = 100	--
282148	SB-3-5	EPA 8270C	2-Fluorophenol	DO	25-120	DF = 100	--
282148	SB-3-5	EPA 8270C	Phenol-d5	DO	36-120	DF = 100	--
282148	SB-3-5	EPA 8270C	2,4,6-Tribromophenol	DO	27-120	DF = 100	--
282148	SB-3-5	EPA 8270C	Nitrobenzene-d5	DO	44-120	DF = 100	--
282148	SB-3-5	EPA 8270C	2-Fluorobiphenyl	DO	47-120	DF = 100	--
282148	SB-3-5	EPA 8270C	Terphenyl-d14	DO	49-120	DF = 100	--
282148	SB-4-1	EPA 8270C	2-Fluorophenol	DO	25-120	DF = 100	--
282148	SB-4-1	EPA 8270C	Phenol-d5	DO	36-120	DF = 100	--
282148	SB-4-1	EPA 8270C	2,4,6-Tribromophenol	DO	27-120	DF = 100	--
282148	SB-4-1	EPA 8270C	Nitrobenzene-d5	DO	44-120	DF = 100	--
282148	SB-4-1	EPA 8270C	2-Fluorobiphenyl	DO	47-120	DF = 100	--
282148	SB-4-1	EPA 8270C	Terphenyl-d14	DO	49-120	DF = 100	--

Table 5
Surrogate Recovery Results out of Acceptable Limits
PG&E Martin Extension
San Jose, California

Lab Package	Sample ID	Method	Surrogate	Recovery (%)	Limit (%)	Note	ERM Qualifier
282148	SB-1-1	EPA 8081A	TCMX	DO	44-125	DF = 20	--
282148	SB-1-1	EPA 8081A	Decachlorobiphenyl	DO	39-121	DF = 20	--
282148	SB-4-1	EPA 8081A	TCMX	DO	44-125	DF = 200	--
282148	SB-4-1	EPA 8081A	Decachlorobiphenyl	DO	39-121	DF = 200	--
282148	SB-4-1	EPA 8082	Decachlorobiphenyl	DO	25-135	DF = 10	--
282196	SB-2-GW	EPA 8015B	o-Terphenyl	DO	67-136	DF = 10	--
282196	SB-5-5	EPA 8015B	o-Terphenyl	DO	67-136	DF = 10	--
282196	SB-2-1	EPA 8015B	o-Terphenyl	DO	67-136	DF = 20	--
282196	SB-5-GW	EPA 8270C	2-Fluorophenol	DO	38-120	DF = 20	--
282196	SB-5-GW	EPA 8270C	Phenol-d5	DO	38-120	DF = 20	--
282196	SB-5-GW	EPA 8270C	2,4,6-Tribromophenol	DO	46-120	DF = 20	--
282196	SB-5-GW	EPA 8270C	Nitrobenzene-d5	DO	51-120	DF = 20	--
282196	SB-5-GW	EPA 8270C	2-Fluorobiphenyl	DO	54-120	DF = 20	--
282196	SB-5-GW	EPA 8270C	Terphenyl-d14	DO	21-120	DF = 20	--
282196	SB-2-GW	EPA 8270C	2-Fluorophenol	DO	38-120	DF = 10	--
282196	SB-2-GW	EPA 8270C	Phenol-d5	DO	38-120	DF = 10	--
282196	SB-2-GW	EPA 8270C	2,4,6-Tribromophenol	DO	46-120	DF = 10	--
282196	SB-2-GW	EPA 8270C	Nitrobenzene-d5	DO	51-120	DF = 10	--
282196	SB-2-GW	EPA 8270C	2-Fluorobiphenyl	DO	54-120	DF = 10	--
282196	SB-2-GW	EPA 8270C	Terphenyl-d14	DO	21-120	DF = 10	--
282196	SB-5-5	EPA 8270C	2-Fluorophenol	DO	25-120	DF = 100	--
282196	SB-5-5	EPA 8270C	Phenol-d5	DO	36-120	DF = 100	--
282196	SB-5-5	EPA 8270C	2,4,6-Tribromophenol	DO	27-120	DF = 100	--
282196	SB-5-5	EPA 8270C	Nitrobenzene-d5	DO	44-120	DF = 100	--

Table 5
Surrogate Recovery Results out of Acceptable Limits
PG&E Martin Extension
San Jose, California

Lab Package	Sample ID	Method	Surrogate	Recovery (%)	Limit (%)	Note	ERM Qualifier
282196	SB-5-5	EPA 8270C	2-Fluorobiphenyl	DO	47-120	DF = 100	--
282196	SB-5-5	EPA 8270C	Terphenyl-d14	DO	49-120	DF = 100	--
282196	SB-5-1	EPA 8081A	TCMX	DO	44-125	DF = 200	--
282196	SB-5-1	EPA 8081A	Decachlorobiphenyl	DO	39-121	DF = 200	--
282196	SB-2-1	EPA 8081A	TCMX	DO	44-125	DF = 100	--
282196	SB-2-1	EPA 8081A	Decachlorobiphenyl	DO	39-121	DF = 100	--
282196	SB-2-3	EPA 8081A	TCMX	DO	44-125	DF = 100	--
282196	SB-2-3	EPA 8081A	Decachlorobiphenyl	DO	39-121	DF = 100	--

Key:
DO = diluted out
DF = Dilution factor

Table 6
Suspect TPH Results
PG&E Martin Extension
San Jose, California

Lab Package	Sample ID	Compound	Reported Concentration	ERM Qualifier	Notes
282148	SB-3-GW	Diesel C10-C24	150 ug/L	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282148	SB-1-1	Diesel C10-C24	15 mg/kg	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282148	SB-1-5	Diesel C10-C24	26 mg/kg	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282148	SB-3-1	Diesel C10-C24	2.1 mg/kg	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282148	SB-3-5	Diesel C10-C24	65 mg/kg	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282148	SB-4-1	Diesel C10-C24	81 mg/kg	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282196	SB-5-GW	Diesel C10-C24	270 ug/L	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282196	SB-2-GW	Diesel C10-C24	16000 ug/L	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282196	SB-5-1	Diesel C10-C24	32 mg/kg	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282196	SB-5-5	Diesel C10-C24	43 mg/kg	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282196	SB-2-1	Diesel C10-C24	100 mg/kg	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.
282196	SB-2-3	Diesel C10-C24	12 mg/kg	NJ	Sample exhibits chromatographic pattern which does not resemble the standard.

Table 6
Suspect TPH Results
PG&E Martin Extension
San Jose, California

Lab Package	Sample ID	Compound	Reported Concentration	ERM Qualifier	Notes

Key:
µg/L = Micrograms per liter
mg/kg = Milligrams per kilogram
NJ = Estimated value - chromatogram did not resemble the standard hydrocarbon pattern
TPH = Total petroleum hydrocarbons

Table 7
Column Differences Outside of Acceptable Limits
PG&E Martin Extension
San Jose, California

Lab Package	Sample ID	Method	Compound	Reported Concentration	Units	ERM Qualifier
282148	SB-1-1	EPA 8081A	gamma-Chlordane	12	ug/kg	J
282196	SB-5-1	EPA 8081A	4,4'-DDD	130	ug/kg	J
282196	SB-5-1	EPA 8081A	gamma-Chlordane	26	ug/kg	J

Key:
J = Estimated detected result
ug/kg = micrograms per kilogram

Table 8
Calibration Verification Recoveries Outside of Acceptable Limits
PG&E Martin Extension
San Jose, California

Lab Package	Sample ID	Compound	CCV Recovery	Reported Concentration	Units	ERM Qualifier
282148	SB-4-1	beta-BHC	Drift	ND	ug/kg	UJ
282148	SB-4-1	Heptachlor	Drift	ND	ug/kg	UJ
282148	SB-4-1	4,4'-DDE	Drift	ND	ug/kg	UJ
282148	SB-4-1	Endosulfan sulfate	Drift	ND	ug/kg	UJ
282148	SB-4-1	4,4'-DDD	Drift	ND	ug/kg	UJ
282148	SB-4-1	4,4'-DDT	Drift	ND	ug/kg	UJ
282148	SB-4-1	Methoxychlor	Drift	ND	ug/kg	UJ

Key:
UJ = Nondetected, estimated report limit
CCV = Continuing calibration verification
ug/kg = micrograms per kilogram


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 282148
ANALYTICAL REPORT

ERM	Project : 0363086
1277 Treat Blvd.	Location : Martin Extension
Walnut Creek, CA 94597	Level : II

Sample ID	Lab ID
SB-1-1	282148-001
SB-1-5	282148-002
SB-1-10	282148-003
SB-1-11.5	282148-004
SB-3-1	282148-005
SB-3-5	282148-006
SB-3-7	282148-007
SB-3-10	282148-008
SB-4-1	282148-009
SB-4-5	282148-010
SB-4-8	282148-011
SB-4-9.5	282148-012
SB-1-GW	282148-013
SB-3-GW	282148-014
SB-4-GW	282148-015
TRIP BLANK	282148-016

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 11/01/2016

Dina Ali
Project Manager
dina.ali@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**282148**
Client:	**ERM**
Project:	**0363086**
Location:	**Martin Extension**
Request Date:	**10/13/16**
Samples Received:	**10/13/16**

This data package contains sample and QC results for six soil samples and four water samples, requested for the above referenced project on 10/13/16. The samples were received on ice and intact, directly from the field.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
Gasoline C7-C12 was detected between the MDL and the RL in the method blank for batch 240171; this analyte was not detected in samples at or above the RL. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Soil:
A number of samples were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
N-butylbenzene was detected above the RL in the method blank for batch 240282; this analyte was not detected in the sample at or above the RL. Many analytes were detected between the MDL and the RL in the method blank for batch 240282; these analytes were not detected in the sample at or above the RL. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
High recovery was observed for trichloroethene in the MSD for batch 240161; the parent sample was not a project sample, the BS/BSD were within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples. No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C) Water:
Low surrogate recovery was observed for terphenyl-d14 in SB-1-GW (lab # 282148-013). No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C) Soil:
Matrix spikes QC855939,QC855940 (batch 240222) were not reported because the parent sample required a dilution that would have diluted out the spikes. A number of samples were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**282148**
Client:	**ERM**
Project:	**0363086**
Location:	**Martin Extension**
Request Date:	**10/13/16**
Samples Received:	**10/13/16**

Pesticides (EPA 8081A):

All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. All samples underwent florisil cleanup using EPA Method 3620C. Matrix spikes QC855949,QC855950 (batch 240225) were not reported because the parent sample required a dilution that would have diluted out the spikes. SB-1-1 (lab # 282148-001), SB-3-1 (lab # 282148-005), and SB-4-1 (lab # 282148-009) were diluted due to the color of the sample extracts. No other analytical problems were encountered.

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. SB-4-1 (lab # 282148-009) was diluted due to foaming. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

High recovery was observed for mercury in the MS for batch 240776; the parent sample was not a project sample, and the BS/BSD were within limits. High RPD was also observed for mercury in the MS/MSD for batch 240776; the RPD was acceptable in the BS/BSD. Low recovery was observed for mercury in the MS of SB-1-1 (lab # 282148-001); the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.

CHAIN OF CUSTODY

Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
In Business Since 1878

2323 Fifth Street
Berkeley, CA 94710

Phone (510) 486-0900
Fax (510) 486-0532

Chain of Custody # _____

C&T LOGIN # 282148

Project No: 03630886
Project Name: Martin Extension
Project P. O. No:
EDD Format: Report Level ☐ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH ☒ Standard

Sampler: S. Martin
Report To: Chimi Yi / John Lucio
Company: ERM
Telephone: 925-946-0455
Email: chimi.yi@erm.com, john.lucio@erm.com

Lab No.	Sample ID.	SAMPLING		MATRIX				# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST																		
		Date Collected	Time Collected	Water	Solid				HCl	H2SO4	HNO3	NaOH	None	TPH-d, TPH-mo 8015M	VOCs, TPH-g, 8020	SVOCs 8270C	Title 22 Metals	PCBs 8082	Pesticides 8081	HOLD												
	SB-1-1	10/13/16	0811		X			1					X	X	X	X	X	X	X	X												
	SB-1-5		0900		X			1					X	X	X	X	X															
	SB-1-10		0920		X			1					X							X											
	SB-1-11.5		0935		X			1					X							X											
	SB-3-1		1245	X				1					X	X	X	X	X	X	X												
	SB-3-5		1316	X				1					X	X	X	X	X														
	SB-3-7		1345	X				1					X							X											
	SB-3-10		1350	X				1					X							X											
	SB-4-1		1048	X				1					X	X	X	X	X	X	X	[redacted]											
	SB-4-5		1100	X				1					X	X	X	X	X														
	SB-4-8		1111	X				1					X							X											
	SB-4-9.5		1115	X				1					X							X											
	SB-1-GW		1000	X				11	X				X	X	X	X															

Notes:
~~* Metals samples field filtered SW~~
Metals samples NOT field filtered. Please preserve upon receipt!

SAMPLE RECEIPT
☐ Intact
☐ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
DATE: 10/13/16 TIME: 1450
DATE: 10/13/16 TIME: 1753
DATE: TIME:

RECEIVED BY:
DATE: 10/13/16 TIME: 1450
DATE: 10.13.16 TIME: 17.53
DATE: TIME:

* No SGCU or TPH-d/-mo

CHAIN OF CUSTODY

Chain of Custody # _____

Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
In Business Since 1878

2323 Fifth Street
Berkeley, CA 94710

Phone (510) 486-0900
Fax (510) 486-0532

C&T LOGIN # 282148

Project No: 0363086
Project Name: Marin Extension
Project P. O. No:
EDD Format: Report Level ☐ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH ☒ Standard

Sampler: S. Martin
Report To: Chimi Yi / John Lucio
Company: ERM
Telephone:
Email:

Lab No.	Sample ID.	SAMPLING		MATRIX				# of Containers	CHEMICAL PRESERVATIVE				
		Date Collected	Time Collected	Water	Solid				HCl	H2SO4	HNO3	NaOH	None
	SB-3-GW	10/13/16	1400	X				11	X				X
	SB-4-GW	10/13/16	1130	X				11	X				X
	Trip Blank	10/13/16	1030	X				3	X				

ANALYTICAL REQUEST

TPH-d, TPH-mo 8015M	VOCs, TPH-g 8260	SVOCs 8270C	PCBs 8082	Pesticides 8081
X	X	X	X	X
X	X	X		
X	X			

Notes:

SAMPLE RECEIPT
☐ Intact
☐ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
DATE: 10/13/16 TIME: 1458
DATE: 10/13/16 TIME: 1753
DATE: TIME:

RECEIVED BY:
DATE: 10/13/16 TIME: 1450
DATE: 10.13.16 TIME: 17.53
DATE: TIME:

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 282148 Date Received 10/13/16 Number of coolers 2
Client ERM Project Martin Extension

Date Opened 10/13 By (print) DTN (sign) dnguyen
Date Logged in ↓ By (print) ↓ (sign) ↓
Date Labeled ↓ By (print) CB (sign) Chemmm

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
Shipping info _____

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
How many _____ Name _____ Date _____
2B. Were custody seals intact upon arrival? _____ YES NO (N/A)
3. Were custody papers dry and intact when received? _____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) ___ (YES) NO
6. Indicate the packing in cooler: (if other, describe) _____

☐ Bubble Wrap ☒ Foam blocks ☒ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) 5.8, 5.1

☐ Temperature blank(s) included? ☐ Thermometer# _____ ☒ IR Gun# A

☒ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ (YES) NO
10. Are there any missing / extra samples? _____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
12. Are sample labels present, in good condition and complete? _____ (YES) NO
13. Do the sample labels agree with custody papers? _____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
15. Are the samples appropriately preserved? _____ YES (NO) N/A
16. Did you check preservatives for all bottles for each sample? _____ (YES) NO N/A
17. Did you document your preservative check? (pH strip lot# 80BD#1461) (YES) NO N/A
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? _____ YES (NO) N/A
21. Was the client contacted concerning this sample delivery? _____ YES (NO)
If YES, Who was called? _____ By _____ Date: _____

COMMENTS

15 Added HNO3 (#140712) to pH <2 on 10/13/16 @ 20:30 for sample 13, 14, 15

20. 3/6 VOAs received w/ bubble >6mm for sample 13
1/3 " 16

Curtis & Tompkins, Ltd.

Detections Summary for 282148

Results for any subcontracted analyses are not included in this summary.

Client : ERM
Project : 0363086
Location : Martin Extension

Client Sample ID : SB-1-1 Laboratory Sample ID : 282148-001

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.23	J	0.98	0.063	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	15	Y	5.0	1.5	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	190		25	7.5	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Acetone	4.8	J	19	3.1	ug/Kg	As Recd	0.9398	EPA 8260B	EPA 5030B
4,4'-DDE	370		66	12	ug/Kg	As Recd	20.00	EPA 8081A	EPA 3550B
4,4'-DDT	480		66	9.4	ug/Kg	As Recd	20.00	EPA 8081A	EPA 3550B
gamma-Chlordane	12	C,J	34	4.9	ug/Kg	As Recd	20.00	EPA 8081A	EPA 3550B
Aroclor-1254	54		12	3.1	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Aroclor-1260	60		12	2.0	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Antimony	4.0		2.0	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	5.3		0.27	0.078	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	240		0.27	0.058	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.39		0.11	0.013	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.61		0.27	0.027	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	51		0.27	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	12		0.27	0.032	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	42		0.27	0.090	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	99		0.27	0.075	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.43		0.016	0.0029	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.83		0.27	0.053	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	45		0.27	0.071	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	53		0.27	0.061	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	130		1.1	0.22	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

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Client Sample ID : SB-1-5 Laboratory Sample ID : 282148-002

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.23	J	1.0	0.066	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	26	Y	10	3.1	mg/Kg	As Recd	10.00	EPA 8015B	EPA 3550B
Motor Oil C24-C36	510		50	15	mg/Kg	As Recd	10.00	EPA 8015B	EPA 3550B
Antimony	3.3		1.8	0.14	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	3.5		0.23	0.066	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	220		0.23	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.42		0.091	0.011	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.48		0.23	0.023	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	42		0.23	0.057	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	21		0.23	0.027	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	48		0.23	0.076	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	16		0.23	0.063	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.056		0.015	0.0028	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.27		0.23	0.044	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	21		0.23	0.060	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	41		0.23	0.052	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	34		0.91	0.18	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SB-3-1 Laboratory Sample ID : 282148-005

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.13	J	1.0	0.065	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	2.1	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	28		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Benzo(b)fluoranthene	30	J	200	25	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
Benzo(a)pyrene	38	J	200	25	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
Indeno(1,2,3-cd)pyrene	130	J	200	25	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
Benzo(g,h,i)perylene	29	J	200	25	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
4,4'-DDE	59		16	2.9	ug/Kg	As Recd	5.000	EPA 8081A	EPA 3550B
4,4'-DDT	13	J	16	2.4	ug/Kg	As Recd	5.000	EPA 8081A	EPA 3550B
gamma-Chlordane	2.6	J	8.5	1.2	ug/Kg	As Recd	5.000	EPA 8081A	EPA 3550B
Aroclor-1260	150		12	1.9	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Antimony	2.8		1.9	0.14	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	19		0.24	0.069	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	110		0.24	0.051	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.26		0.095	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.75		0.24	0.024	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	72		0.24	0.060	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	7.7		0.24	0.029	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	9.6		0.24	0.079	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	35		0.24	0.066	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.11		0.017	0.0031	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.37		0.24	0.047	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	21		0.24	0.063	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	52		0.24	0.054	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	66		0.95	0.19	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

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Client Sample ID : SB-3-5 Laboratory Sample ID : 282148-006

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.25	J	1.0	0.065	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	65	Y	20	6.1	mg/Kg	As Recd	20.00	EPA 8015B	EPA 3550B
Motor Oil C24-C36	730		99	30	mg/Kg	As Recd	20.00	EPA 8015B	EPA 3550B
Antimony	2.7		1.9	0.14	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	3.1		0.24	0.069	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	150		0.24	0.051	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.27		0.094	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.38		0.24	0.024	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	52		0.24	0.059	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	7.6		0.24	0.028	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	27		0.24	0.079	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	53		0.24	0.066	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.40		0.015	0.0028	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.81		0.24	0.046	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	27		0.24	0.062	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	44		0.24	0.054	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	48		0.94	0.19	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SB-4-1 Laboratory Sample ID : 282148-009

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.22	J	0.98	0.063	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	81	Y	20	6.1	mg/Kg	As Recd	20.00	EPA 8015B	EPA 3550B
Motor Oil C24-C36	1,200		100	30	mg/Kg	As Recd	20.00	EPA 8015B	EPA 3550B
Acetone	20		19	3.1	ug/Kg	As Recd	0.9381	EPA 8260B	EPA 5030B
2-Butanone	2.7	J	9.4	1.2	ug/Kg	As Recd	0.9381	EPA 8260B	EPA 5030B
Antimony	2.7		2.0	0.15	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	0.82		0.25	0.071	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	43		0.25	0.053	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.088	J	0.098	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.42		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	6.2		0.25	0.062	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	8.0		0.25	0.029	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	46		0.25	0.082	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	3.3		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.074		0.017	0.0031	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.12	J	0.25	0.048	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	13		0.25	0.065	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Thallium	0.42	J	0.49	0.14	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	57		0.25	0.056	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	33		0.98	0.20	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

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Client Sample ID : SB-4-5 Laboratory Sample ID : 282148-010

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.20	J	0.98	0.063	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	0.44	J	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	5.9		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Antimony	2.7		1.9	0.15	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	2.7		0.24	0.071	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	63		0.24	0.052	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.26		0.097	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.32		0.24	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	50		0.24	0.061	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	7.1		0.24	0.029	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	5.8		0.24	0.081	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	9.3		0.24	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.044		0.017	0.0030	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.27		0.24	0.047	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	25		0.24	0.064	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Thallium	0.35	J	0.49	0.14	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	50		0.24	0.055	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	29		0.97	0.19	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SB-1-GW Laboratory Sample ID : 282148-013

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	32	J	50	16	ug/L	As Recd	1.000	EPA 8015B	EPA 3520C
Carbon Disulfide	0.3	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
MTBE	0.8		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
cis-1,2-Dichloroethene	0.2	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Trichloroethene	0.2	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Toluene	0.1	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Tetrachloroethene	0.2	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B

Client Sample ID : SB-3-GW Laboratory Sample ID : 282148-014

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	150	Y	50	16	ug/L	As Recd	1.000	EPA 8015B	EPA 3520C
Motor Oil C24-C36	400		300	96	ug/L	As Recd	1.000	EPA 8015B	EPA 3520C
MTBE	560		5.0	1.0	ug/L	As Recd	10.00	EPA 8260B	EPA 5030B
1,2-Dichloroethane	0.4	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B

Client Sample ID : SB-4-GW Laboratory Sample ID : 282148-015

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	39	J	50	16	ug/L	As Recd	1.000	EPA 8015B	EPA 3520C
MTBE	710		6.3	1.3	ug/L	As Recd	12.50	EPA 8260B	EPA 5030B
1,2-Dichloroethane	0.3	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B

Client Sample ID : TRIP BLANK Laboratory Sample ID : 282148-016

No Detections

C = Presence confirmed, but RPD between columns exceeds 40%
J = Estimated value
Y = Sample exhibits chromatographic pattern which does not resemble standard

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Total Volatile Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	240171
Units:	mg/Kg	Sampled:	10/13/16
Basis:	as received	Received:	10/13/16
Diln Fac:	1.000	Analyzed:	10/14/16

Field ID: SB-1-1 Lab ID: 282148-001
Type: SAMPLE

Analyte	Result	RL	MDL
Gasoline C7-C12	0.23 J	0.98	0.063

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	108	78-138

Field ID: SB-1-5 Lab ID: 282148-002
Type: SAMPLE

Analyte	Result	RL	MDL
Gasoline C7-C12	0.23 J	1.0	0.066

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	78-138

Field ID: SB-3-1 Lab ID: 282148-005
Type: SAMPLE

Analyte	Result	RL	MDL
Gasoline C7-C12	0.13 J	1.0	0.065

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	78-138

Field ID: SB-3-5 Lab ID: 282148-006
Type: SAMPLE

Analyte	Result	RL	MDL
Gasoline C7-C12	0.25 J	1.0	0.065

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	108	78-138

Field ID: SB-4-1 Lab ID: 282148-009
Type: SAMPLE

Analyte	Result	RL	MDL
Gasoline C7-C12	0.22 J	0.98	0.063

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	78-138

J= Estimated value
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	240171
Units:	mg/Kg	Sampled:	10/13/16
Basis:	as received	Received:	10/13/16
Diln Fac:	1.000	Analyzed:	10/14/16

Field ID: SB-4-5 Lab ID: 282148-010
Type: SAMPLE

Analyte	Result	RL	MDL
Gasoline C7-C12	0.20 J	0.98	0.063

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	78-138

Type: BLANK Lab ID: QC855733

Analyte	Result	RL	MDL
Gasoline C7-C12	0.24 J	1.0	0.064

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	78-138

J= Estimated value
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC855730	Batch#:	240171
Matrix:	Soil	Analyzed:	10/14/16
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.068	107	80-121

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	78-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8015B
Field ID:	SB-1-1	Diln Fac:	1.000
MSS Lab ID:	282148-001	Batch#:	240171
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/15/16

Type: MS Lab ID: QC855731

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.2291	10.10	6.845	65	50-120

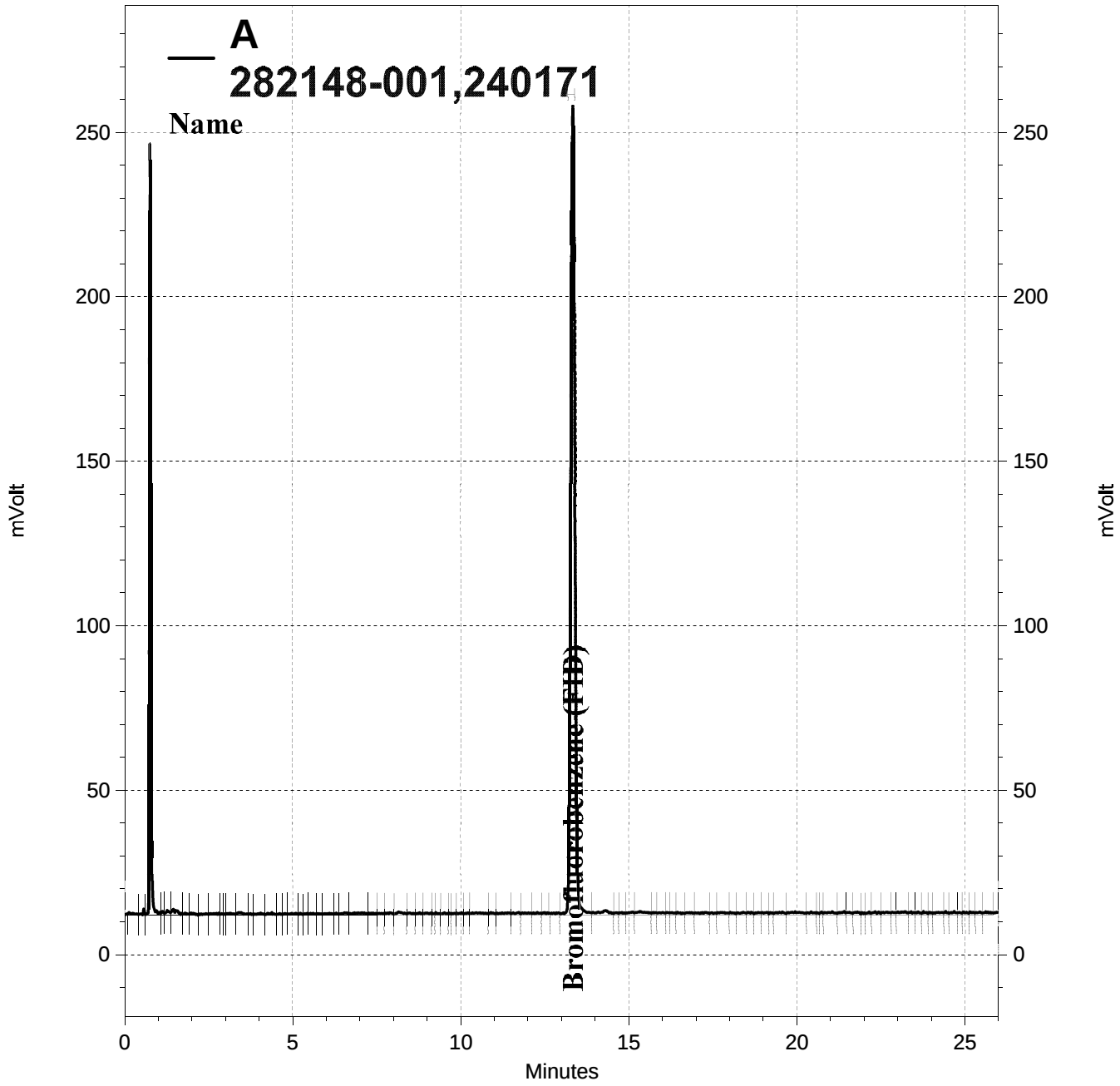
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	109	78-138

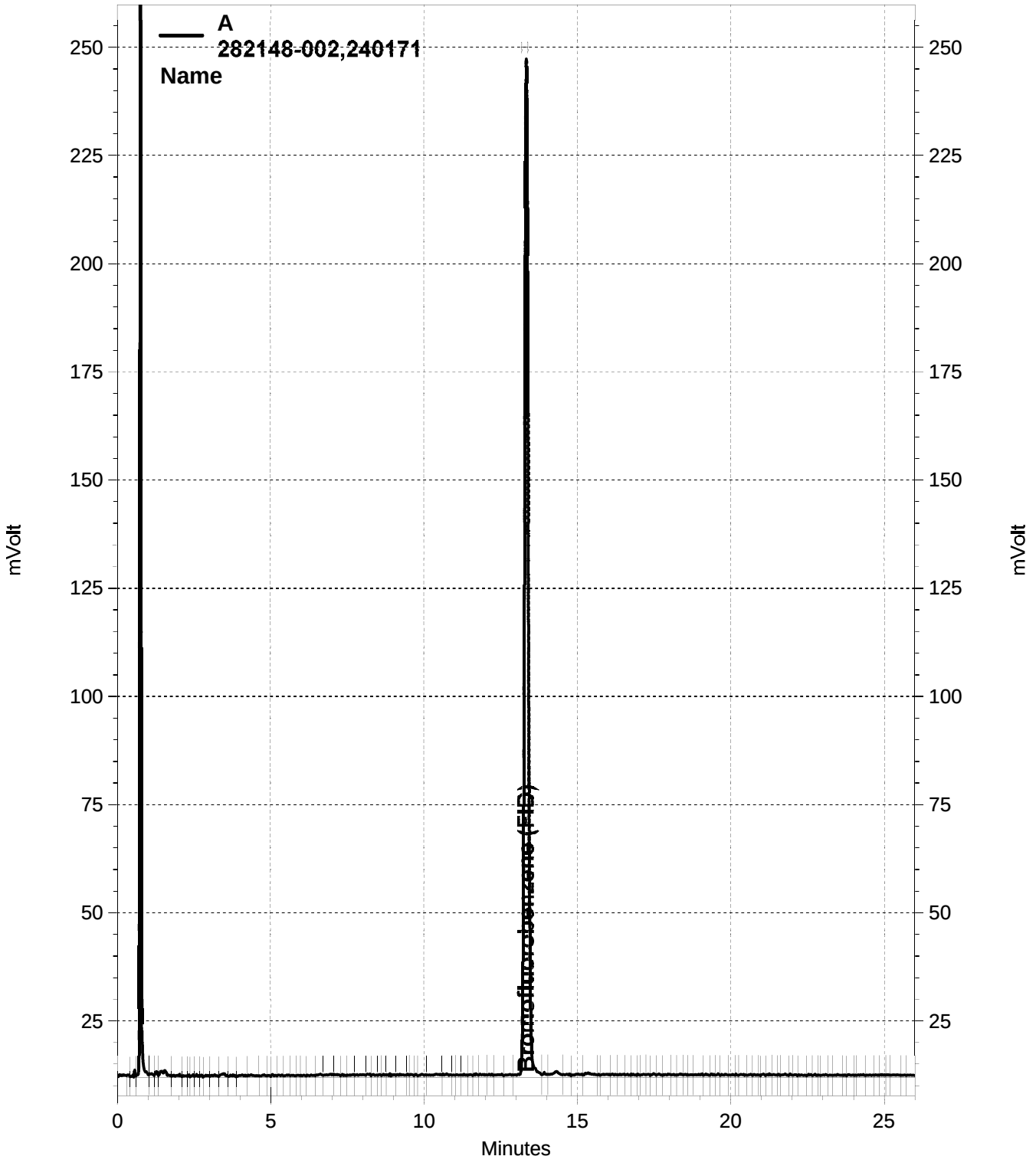
Type: MSD Lab ID: QC855732

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.00	7.059	68	50-120	4	31

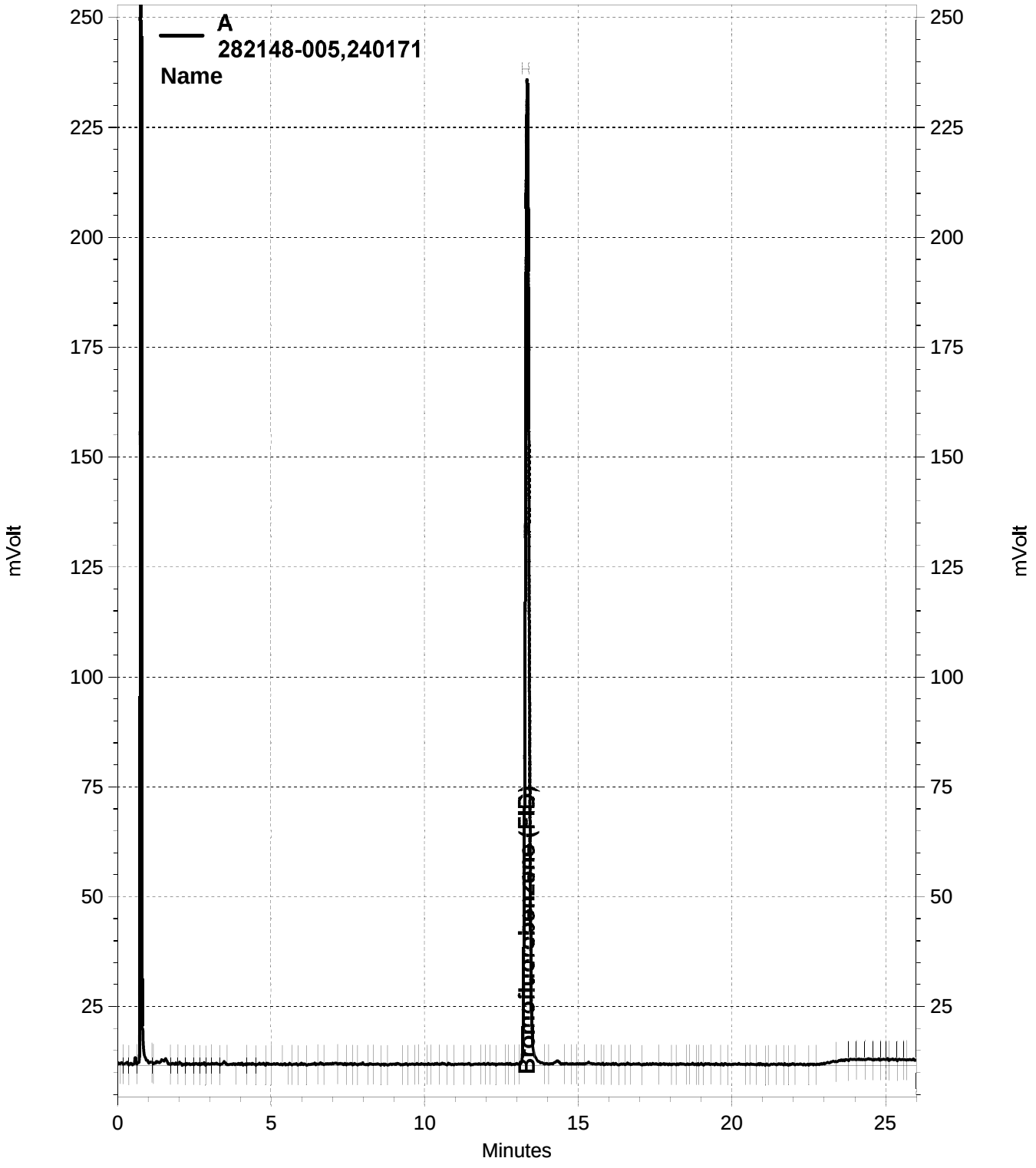
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	107	78-138

RPD= Relative Percent Difference

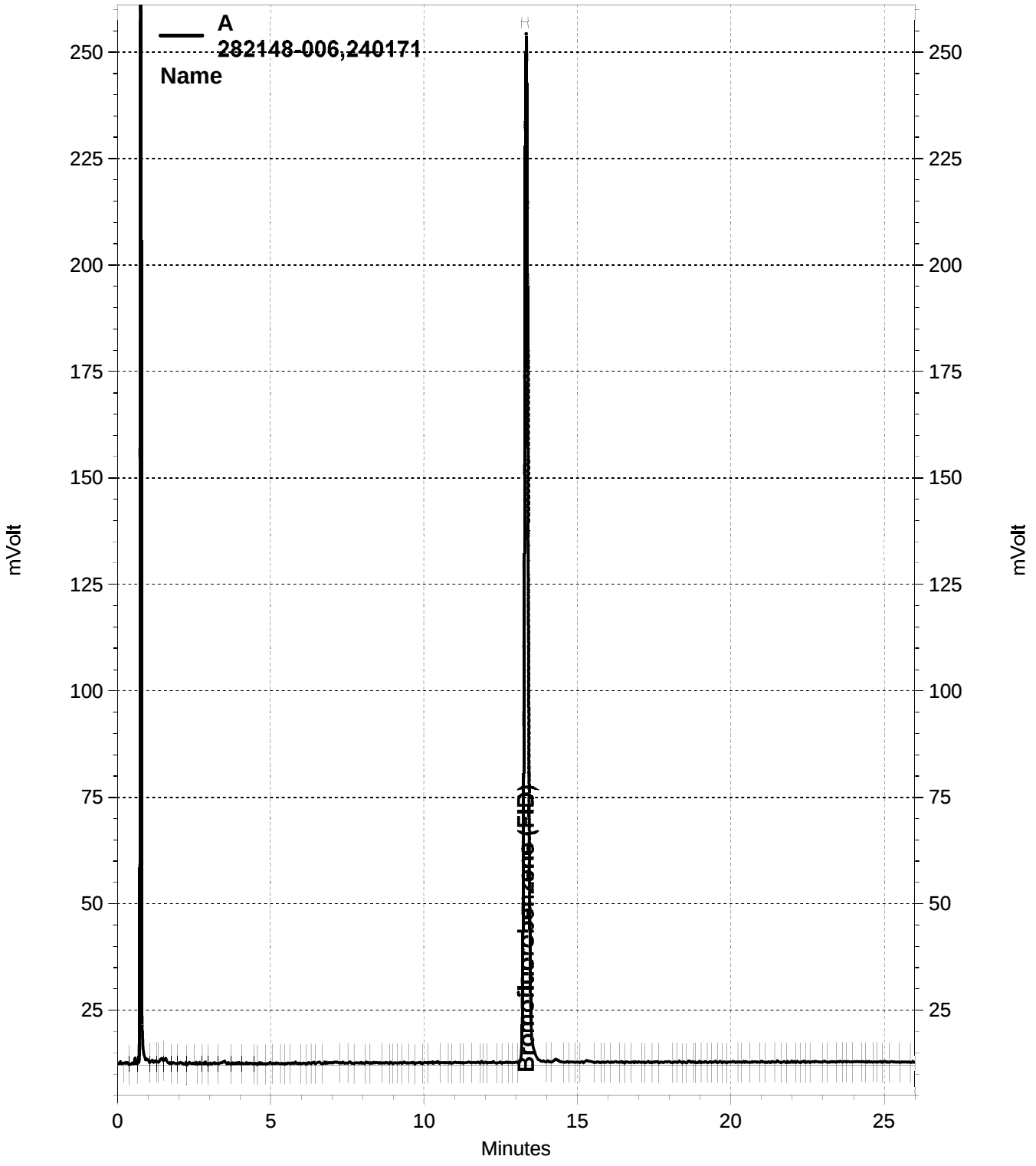

A
282148-001,240171
Name
Bromofluorobenzene (FID)
mVolt
mVolt
250
200
150
100
50
0
0
5
10
15
20
25
Minutes
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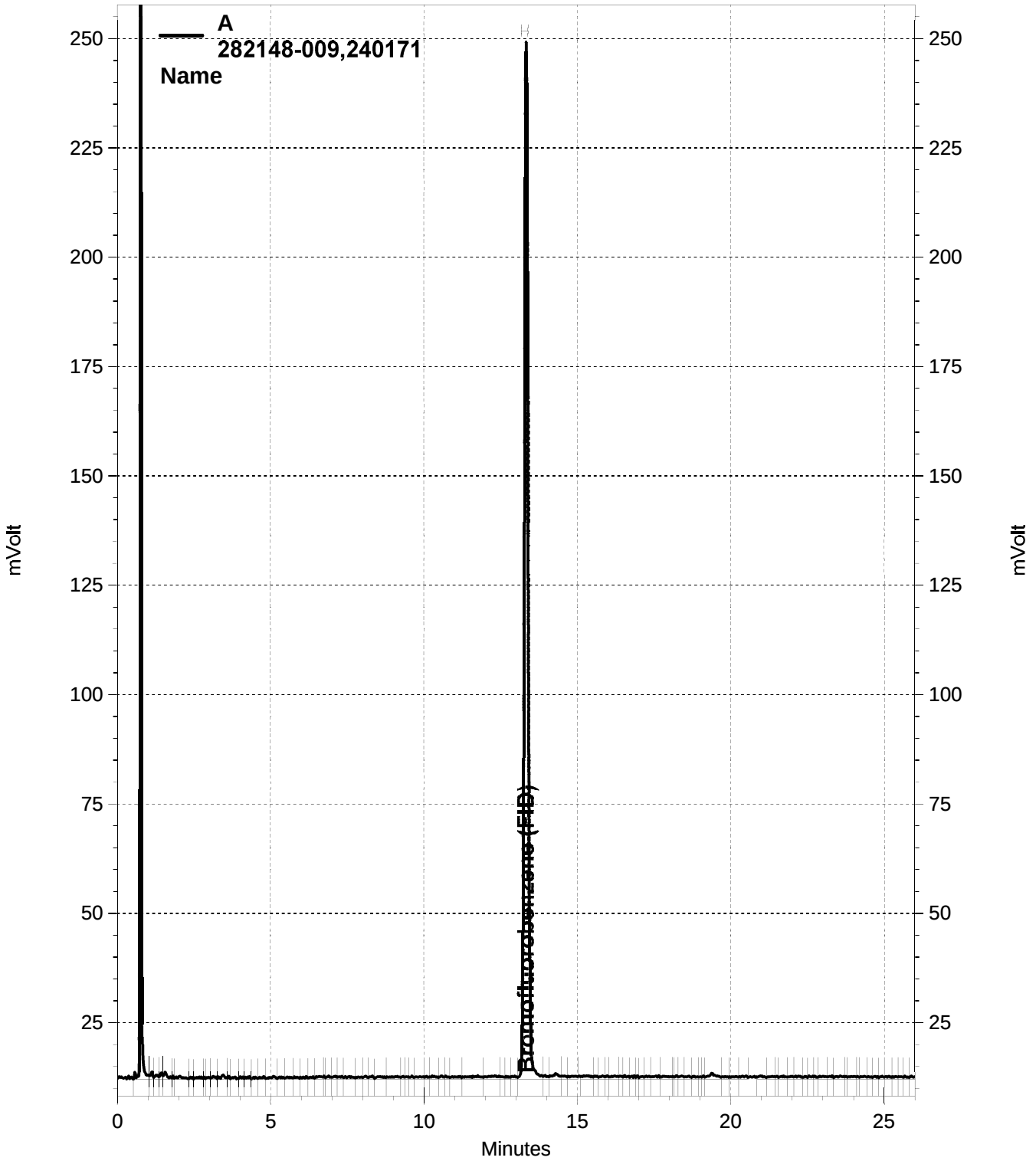
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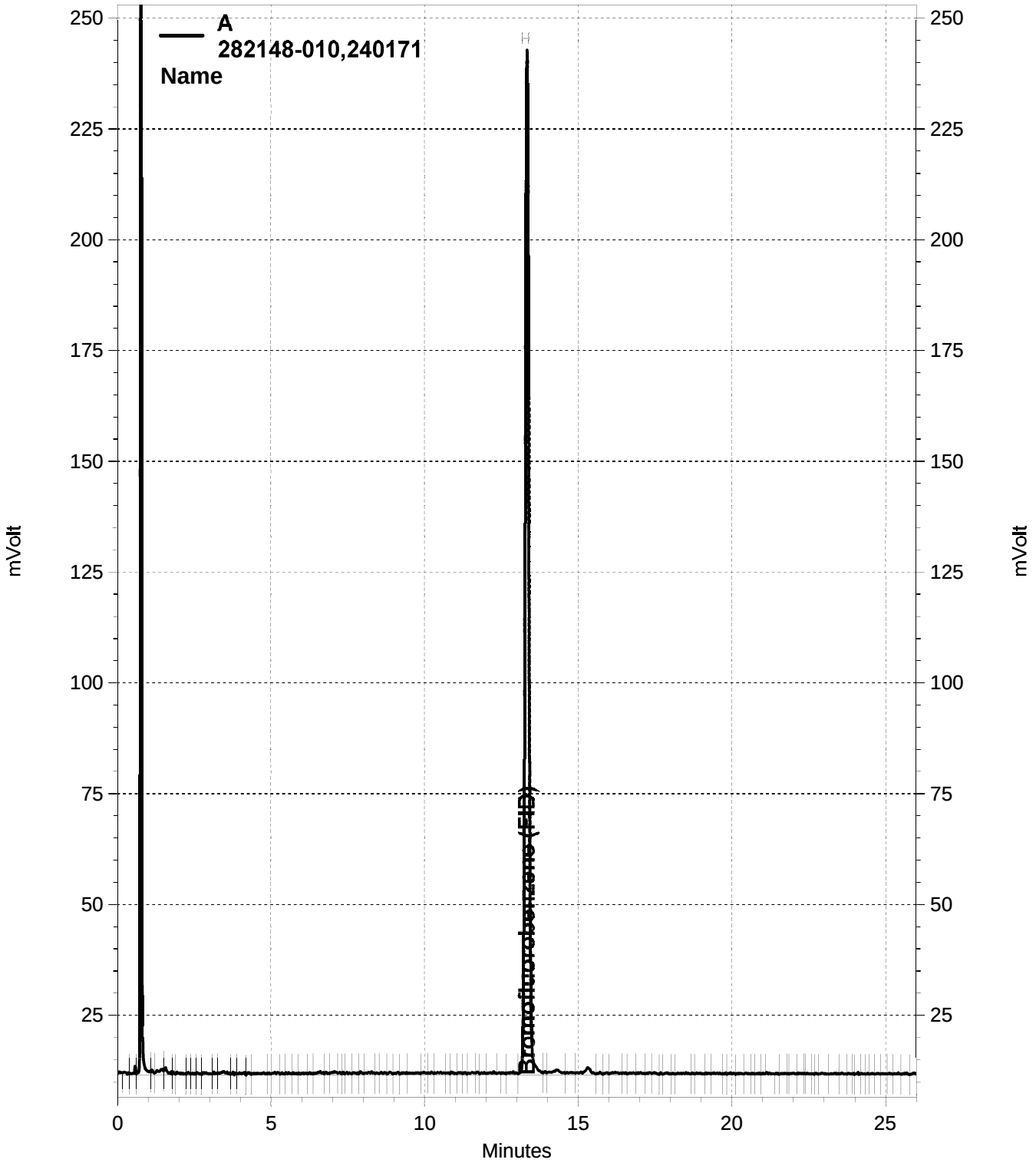
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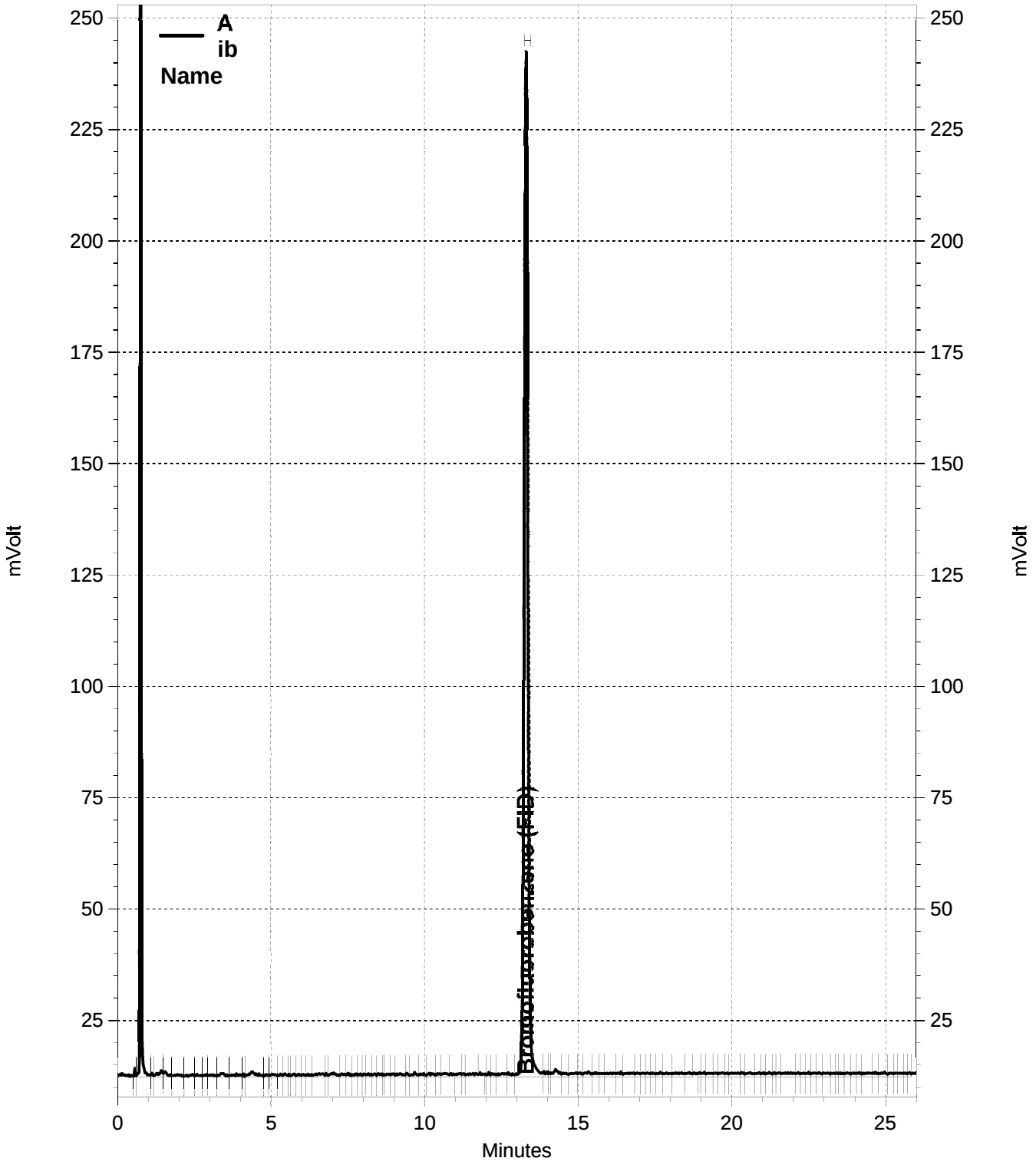
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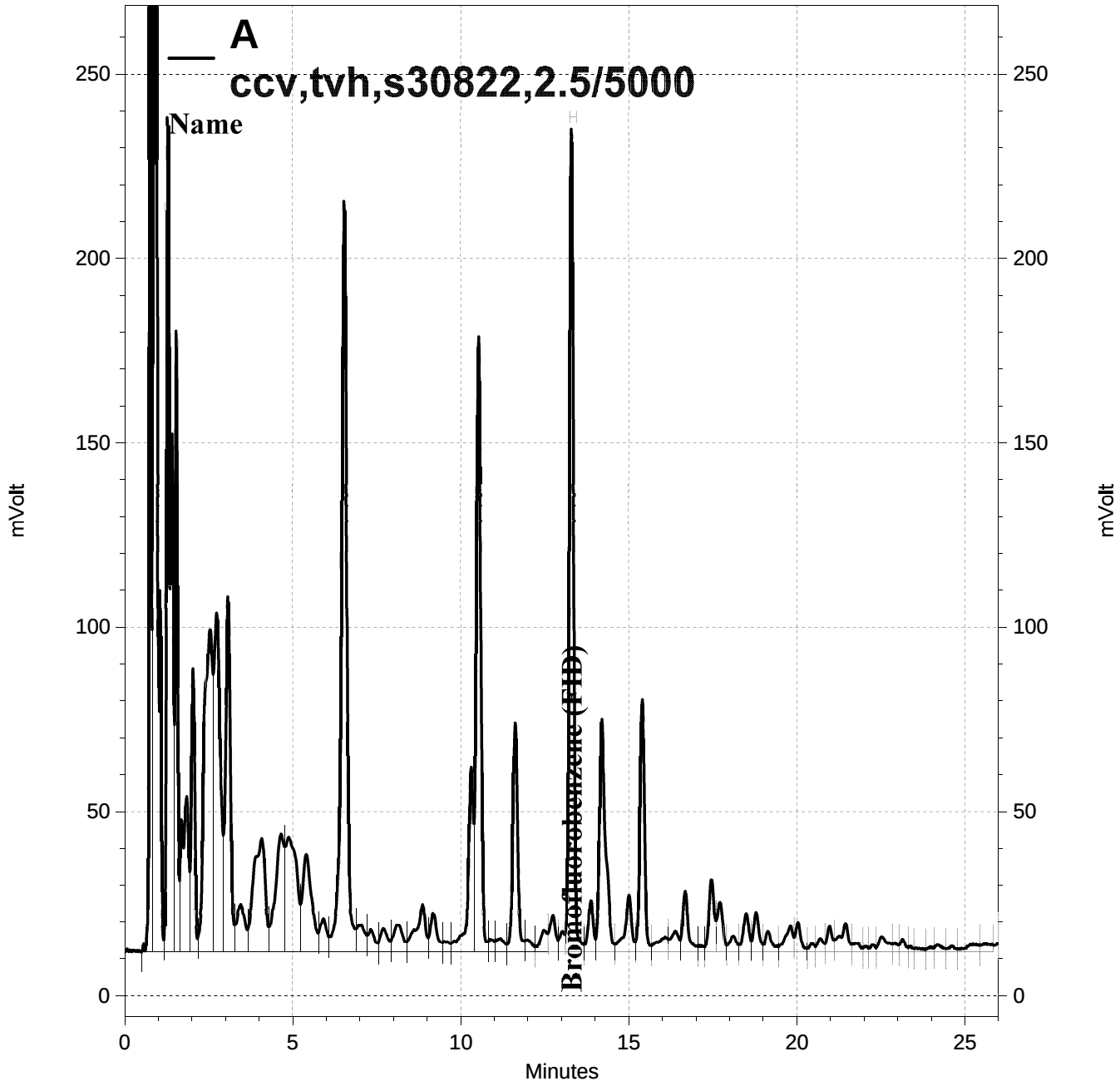


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A
ib
Name
250
225
200
175
150
125
100
75
50
25
mVolt
0
5
10
15
20
25
Minutes
Bromofluorobenzene (FID)
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A
ccv,tvh,s30822,2.5/5000
Name
Bromofluorobenzene (FID)
mVolt
mVolt
Minutes
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50
100
150
200
250
0
5
10
15
20
25
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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	10/13/16
Units:	ug/L	Received:	10/13/16
Diln Fac:	1.000	Analyzed:	10/19/16
Batch#:	240251		

Field ID: SB-1-GW
Type: SAMPLE
Lab ID: 282148-013
Prepared: 10/18/16

Analyte	Result	RL	MDL
Diesel C10-C24	32 J	50	16
Motor Oil C24-C36	ND	300	96

Surrogate	%REC	Limits
o-Terphenyl	100	67-136

Field ID: SB-3-GW
Type: SAMPLE
Lab ID: 282148-014
Prepared: 10/18/16

Analyte	Result	RL	MDL
Diesel C10-C24	150 Y	50	16
Motor Oil C24-C36	400	300	96

Surrogate	%REC	Limits
o-Terphenyl	97	67-136

Field ID: SB-4-GW
Type: SAMPLE
Lab ID: 282148-015
Prepared: 10/18/16

Analyte	Result	RL	MDL
Diesel C10-C24	39 J	50	16
Motor Oil C24-C36	ND	300	96

Surrogate	%REC	Limits
o-Terphenyl	98	67-136

Type: BLANK
Lab ID: QC856058
Prepared: 10/17/16

Analyte	Result	RL	MDL
Diesel C10-C24	ND	50	16
Motor Oil C24-C36	ND	300	96

Surrogate	%REC	Limits
o-Terphenyl	94	67-136

J= Estimated value
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	240251
Units:	ug/L	Prepared:	10/17/16
Diln Fac:	1.000	Analyzed:	10/18/16

Type: BS Cleanup Method: EPA 3630C
Lab ID: QC856059

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	1,618	65	60-121

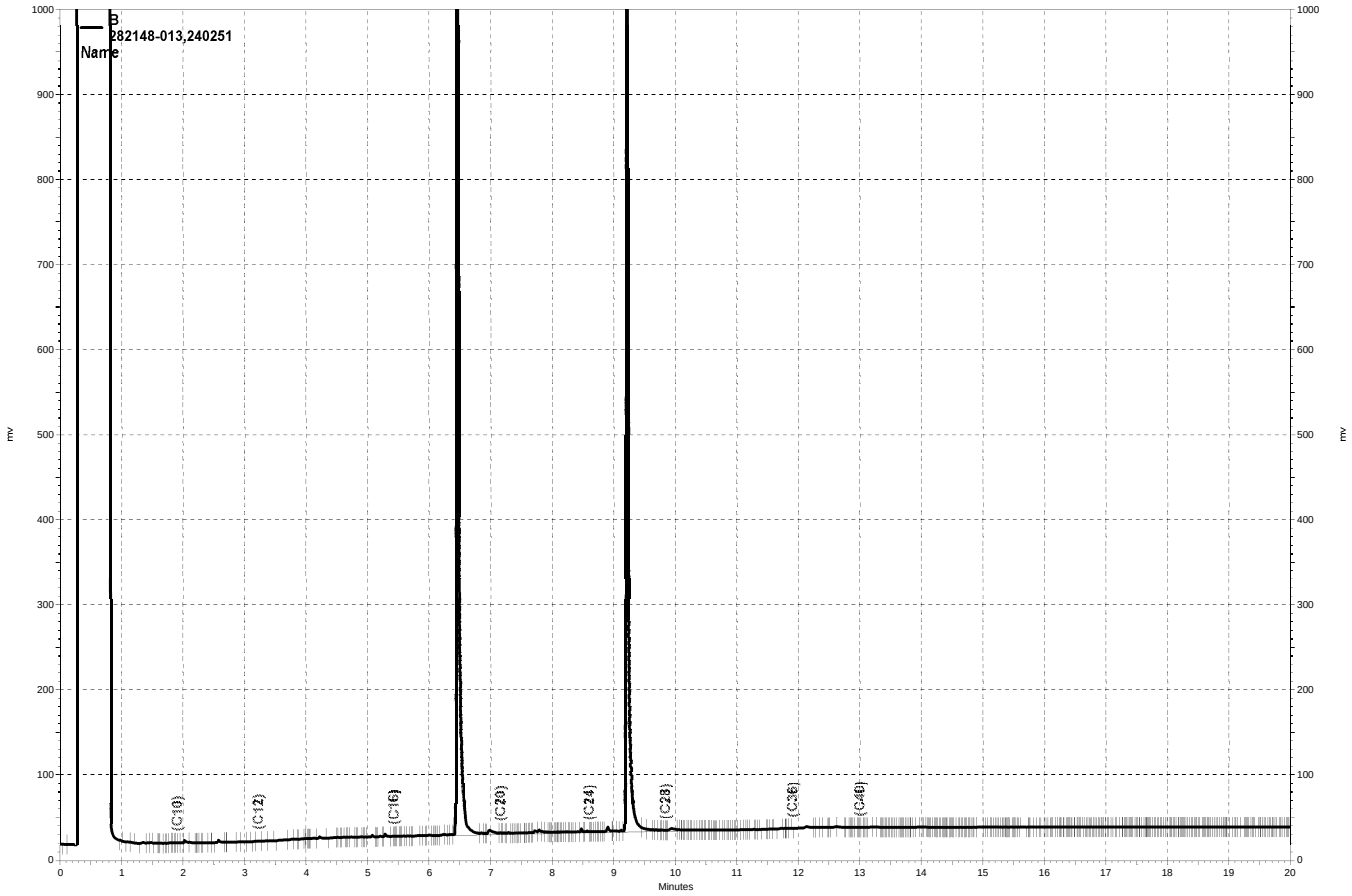
Surrogate	%REC	Limits
o-Terphenyl	76	67-136

Type: BSD Cleanup Method: EPA 3630C
Lab ID: QC856060

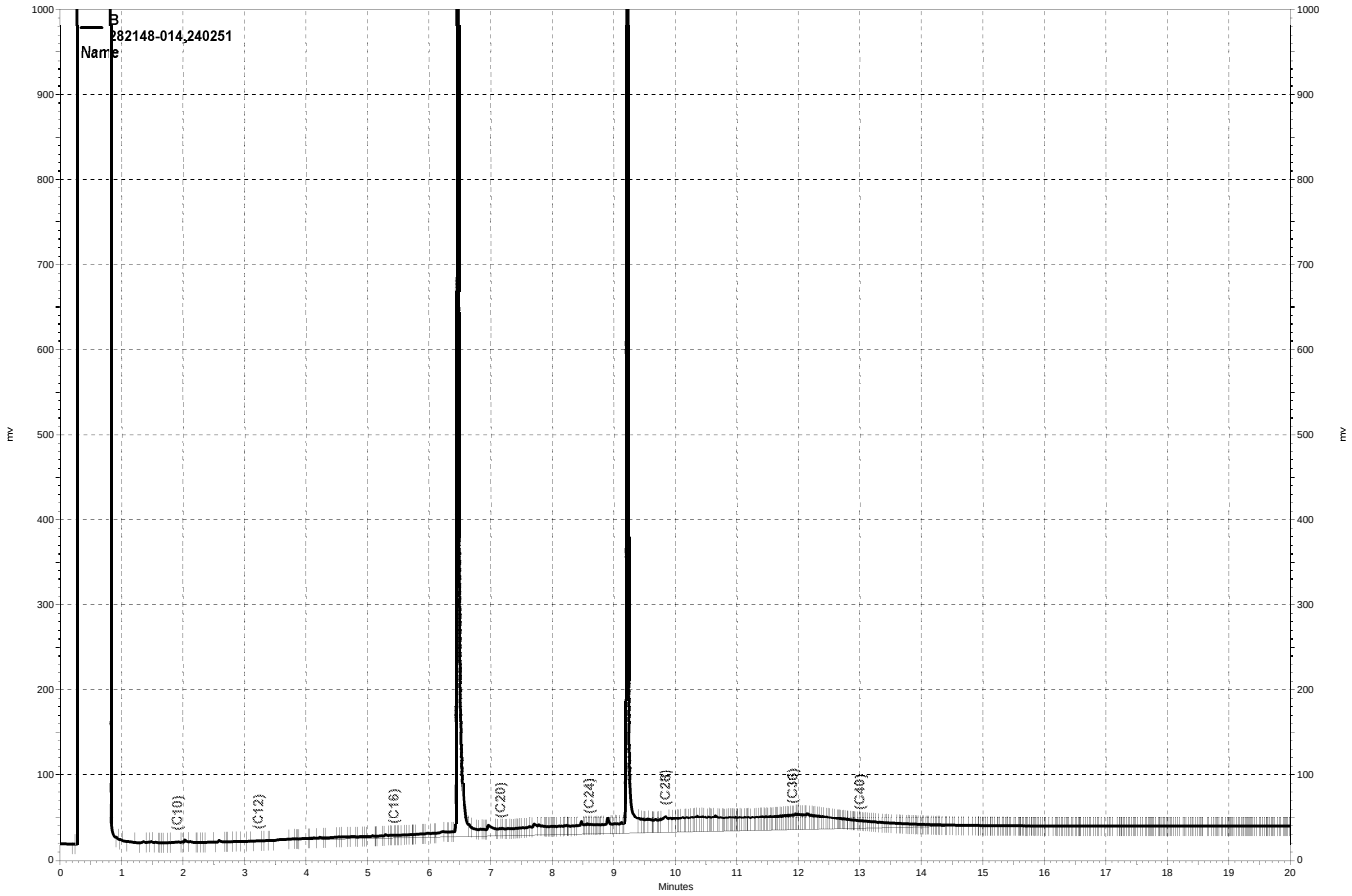
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	1,707	68	60-121	5	32

Surrogate	%REC	Limits
o-Terphenyl	80	67-136

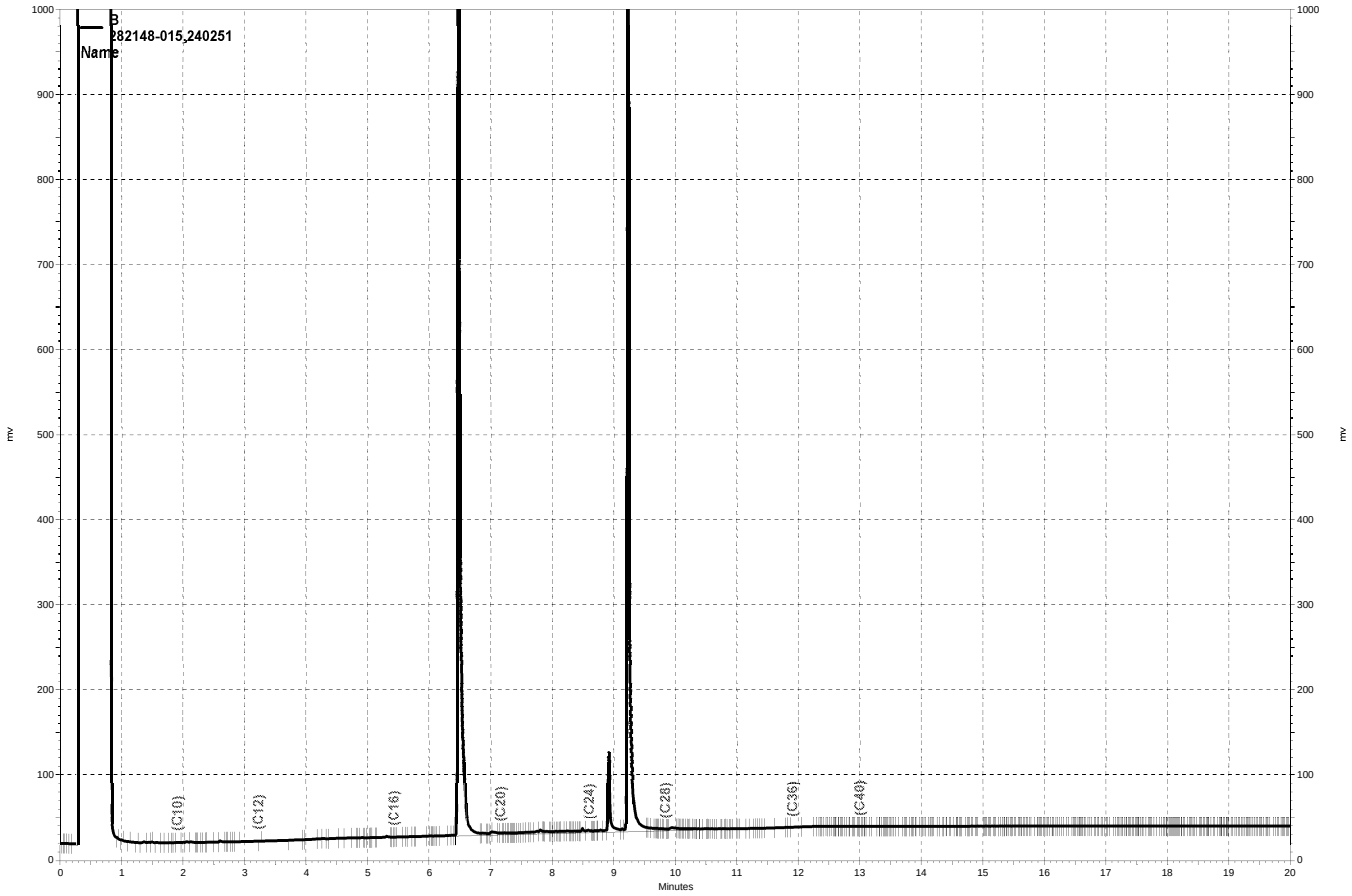
RPD= Relative Percent Difference



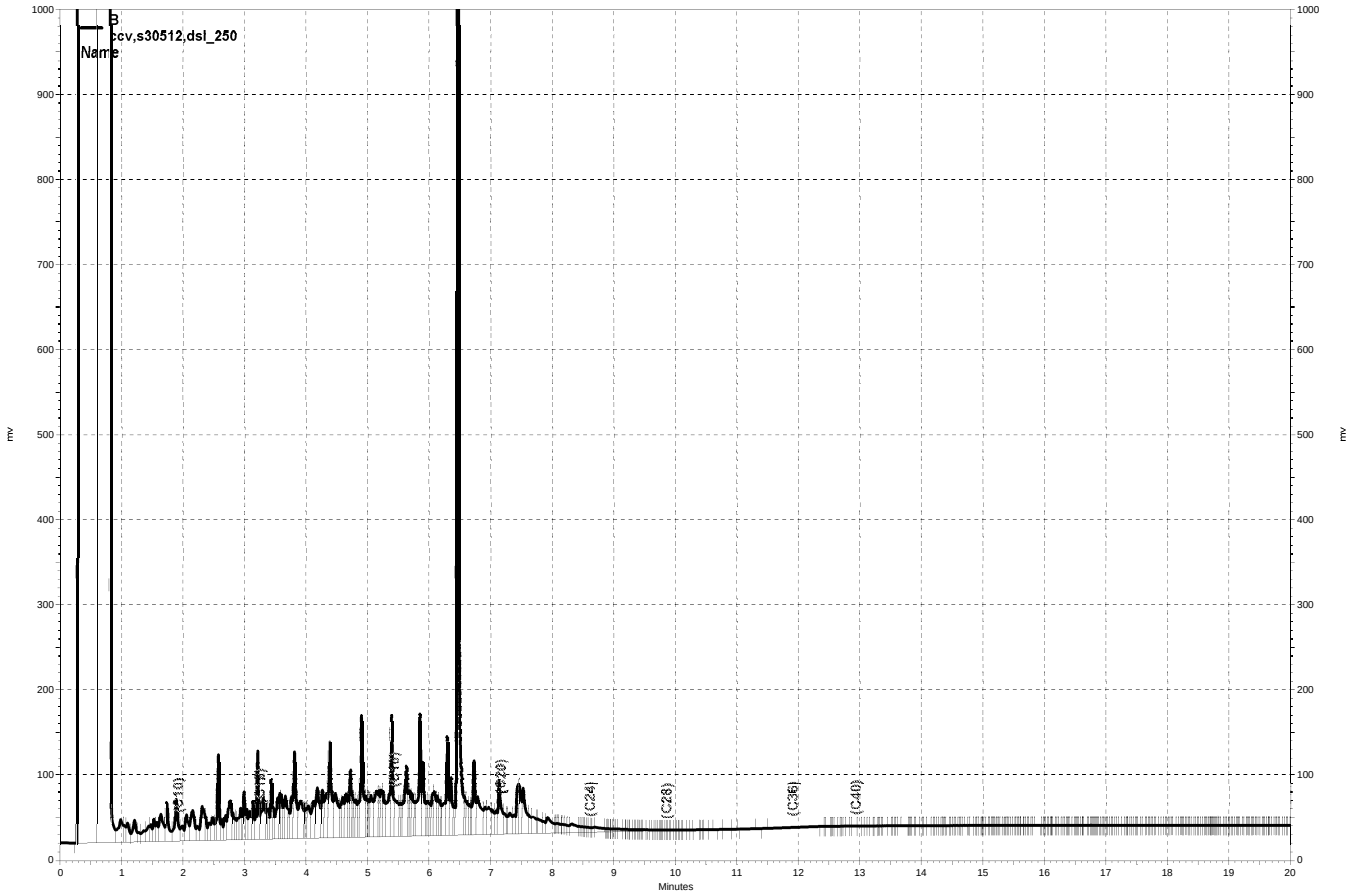
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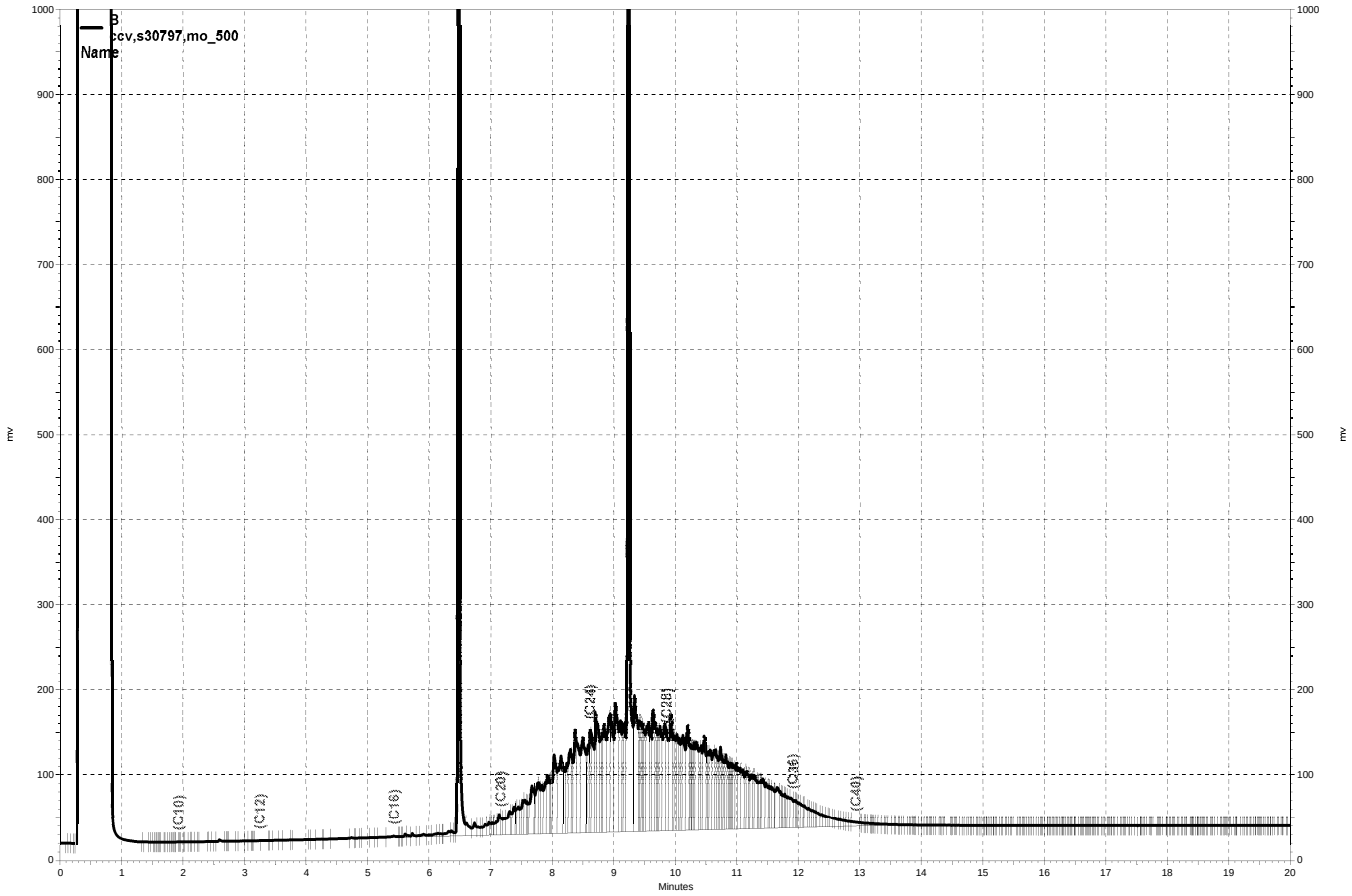
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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/13/16
Basis:	as received	Prepared:	10/14/16
Batch#:	240178	Analyzed:	10/15/16

Field ID: SB-1-1 Lab ID: 282148-001
Type: SAMPLE Diln Fac: 5.000

Analyte	Result	RL	MDL
Diesel C10-C24	15 Y	5.0	1.5
Motor Oil C24-C36	190	25	7.5

Surrogate	%REC	Limits
o-Terphenyl	87	59-140

Field ID: SB-1-5 Lab ID: 282148-002
Type: SAMPLE Diln Fac: 10.00

Analyte	Result	RL	MDL
Diesel C10-C24	26 Y	10	3.1
Motor Oil C24-C36	510	50	15

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID: SB-3-1 Lab ID: 282148-005
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL	MDL
Diesel C10-C24	2.1 Y	1.0	0.31
Motor Oil C24-C36	28	5.0	1.5

Surrogate	%REC	Limits
o-Terphenyl	82	59-140

Field ID: SB-3-5 Lab ID: 282148-006
Type: SAMPLE Diln Fac: 20.00

Analyte	Result	RL	MDL
Diesel C10-C24	65 Y	20	6.1
Motor Oil C24-C36	730	99	30

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

J= Estimated value
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/13/16
Basis:	as received	Prepared:	10/14/16
Batch#:	240178	Analyzed:	10/15/16

Field ID: SB-4-1 Lab ID: 282148-009
Type: SAMPLE Diln Fac: 20.00

Analyte	Result	RL	MDL
Diesel C10-C24	81 Y	20	6.1
Motor Oil C24-C36	1,200	100	30

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID: SB-4-5 Lab ID: 282148-010
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL	MDL
Diesel C10-C24	0.44 J	1.0	0.31
Motor Oil C24-C36	5.9	5.0	1.5

Surrogate	%REC	Limits
o-Terphenyl	83	59-140

Type: BLANK Diln Fac: 1.000
Lab ID: QC855764

Analyte	Result	RL	MDL
Diesel C10-C24	ND	1.0	0.31
Motor Oil C24-C36	ND	5.0	1.5

Surrogate	%REC	Limits
o-Terphenyl	95	59-140

J= Estimated value
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC855765	Batch#:	240178
Matrix:	Soil	Prepared:	10/14/16
Units:	mg/Kg	Analyzed:	10/15/16

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.17	37.97	76	58-137

Surrogate	%REC	Limits
o-Terphenyl	78	59-140

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Field ID:	SB-1-1	Batch#:	240178
MSS Lab ID:	282148-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	mg/Kg	Prepared:	10/14/16
Basis:	as received	Analyzed:	10/15/16
Diln Fac:	5.000		

Type: MS Lab ID: QC855766

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	15.27	49.74	41.45	53	46-154

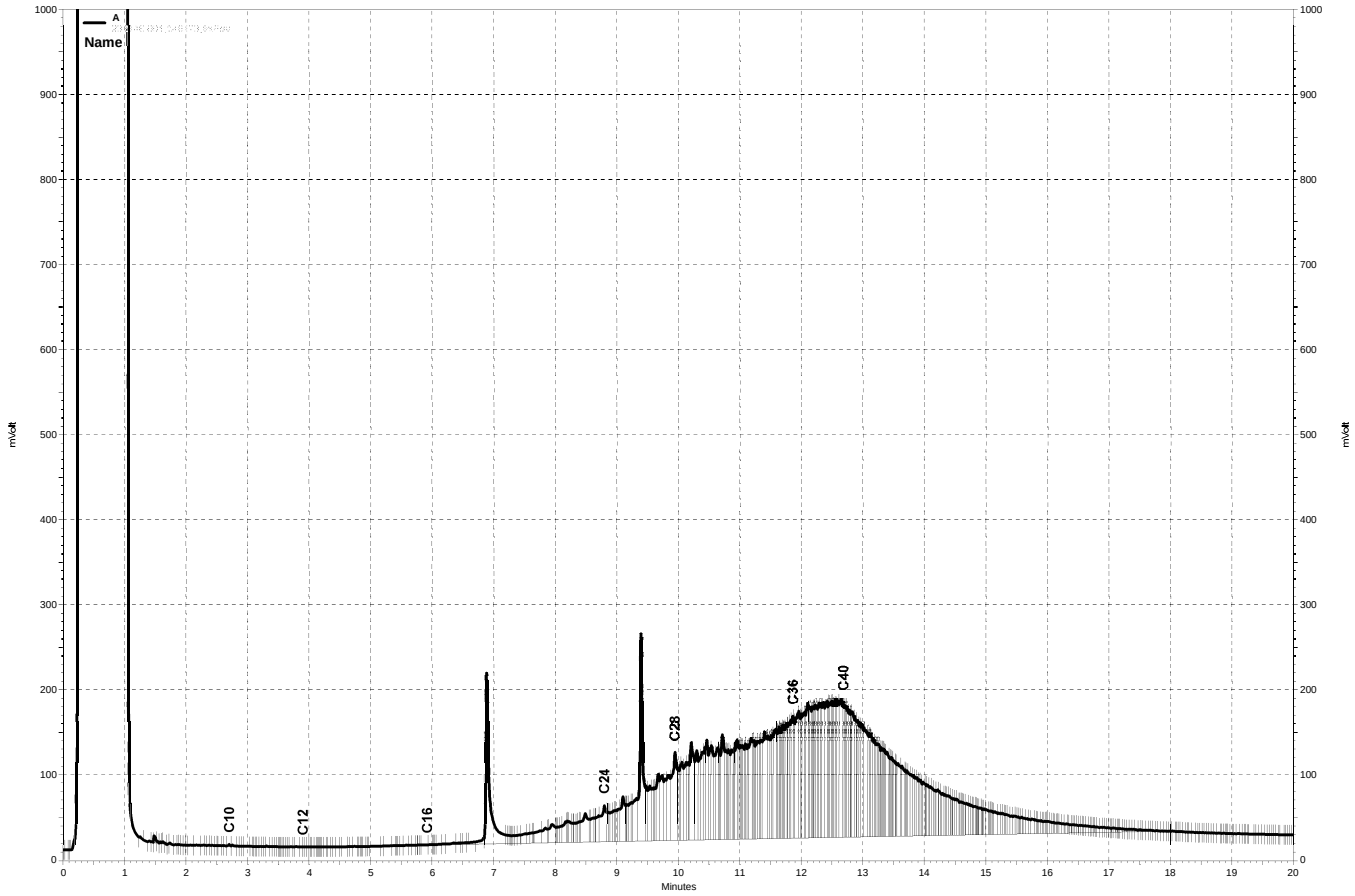
Surrogate	%REC	Limits
o-Terphenyl	74	59-140

Type: MSD Lab ID: QC855767

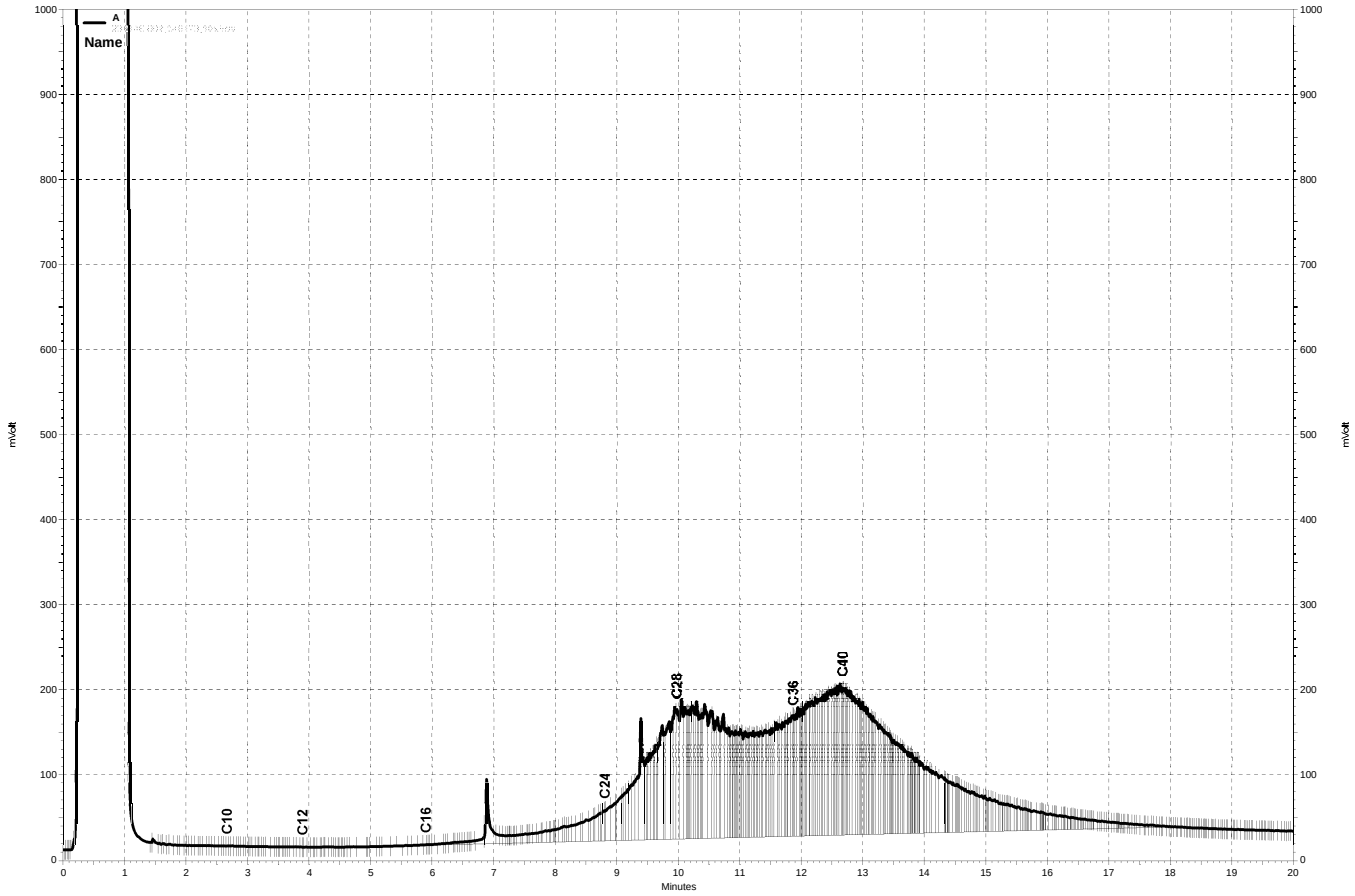
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.41	40.12	49	46-154	4	50

Surrogate	%REC	Limits
o-Terphenyl	71	59-140

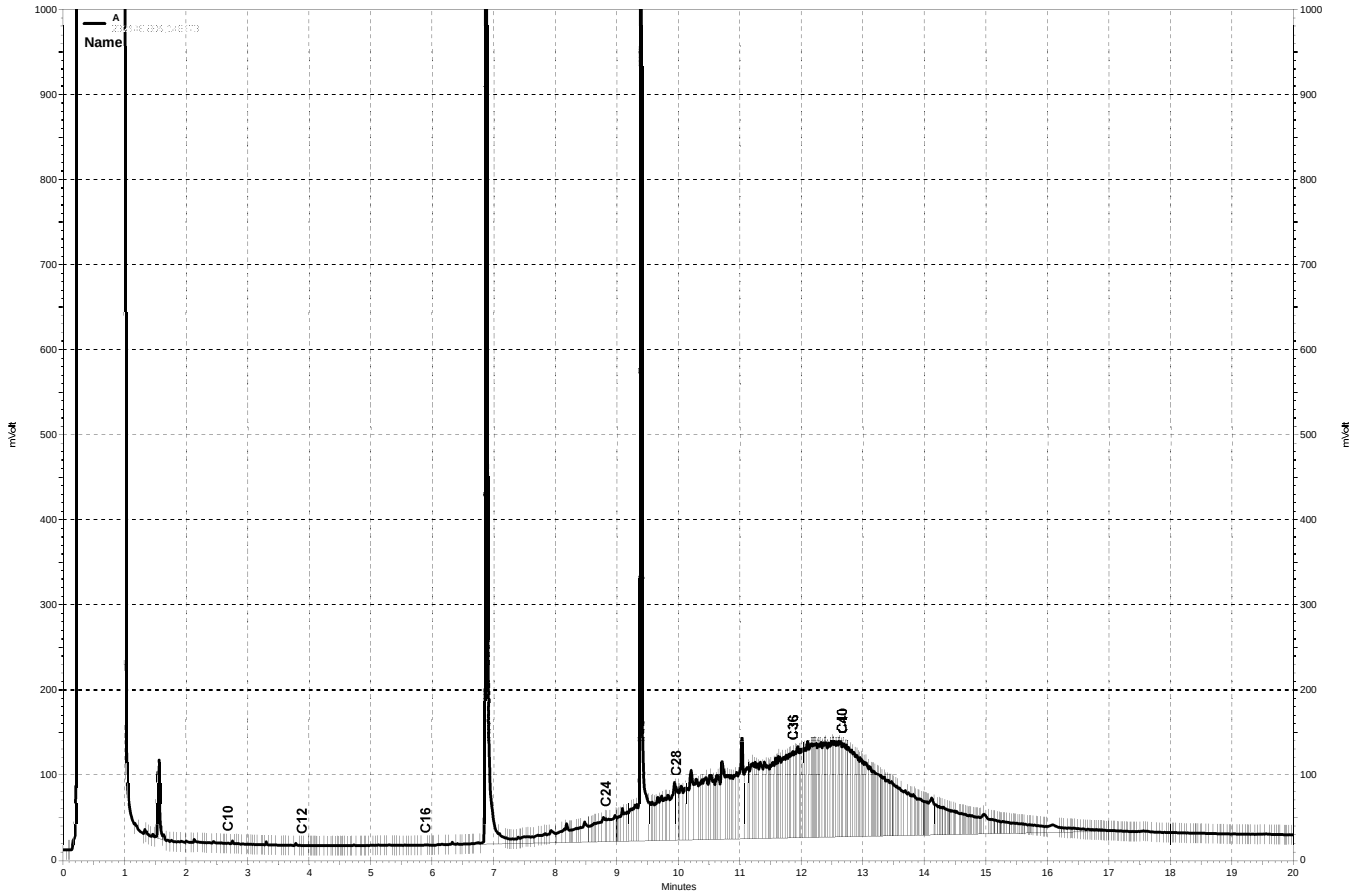
RPD= Relative Percent Difference



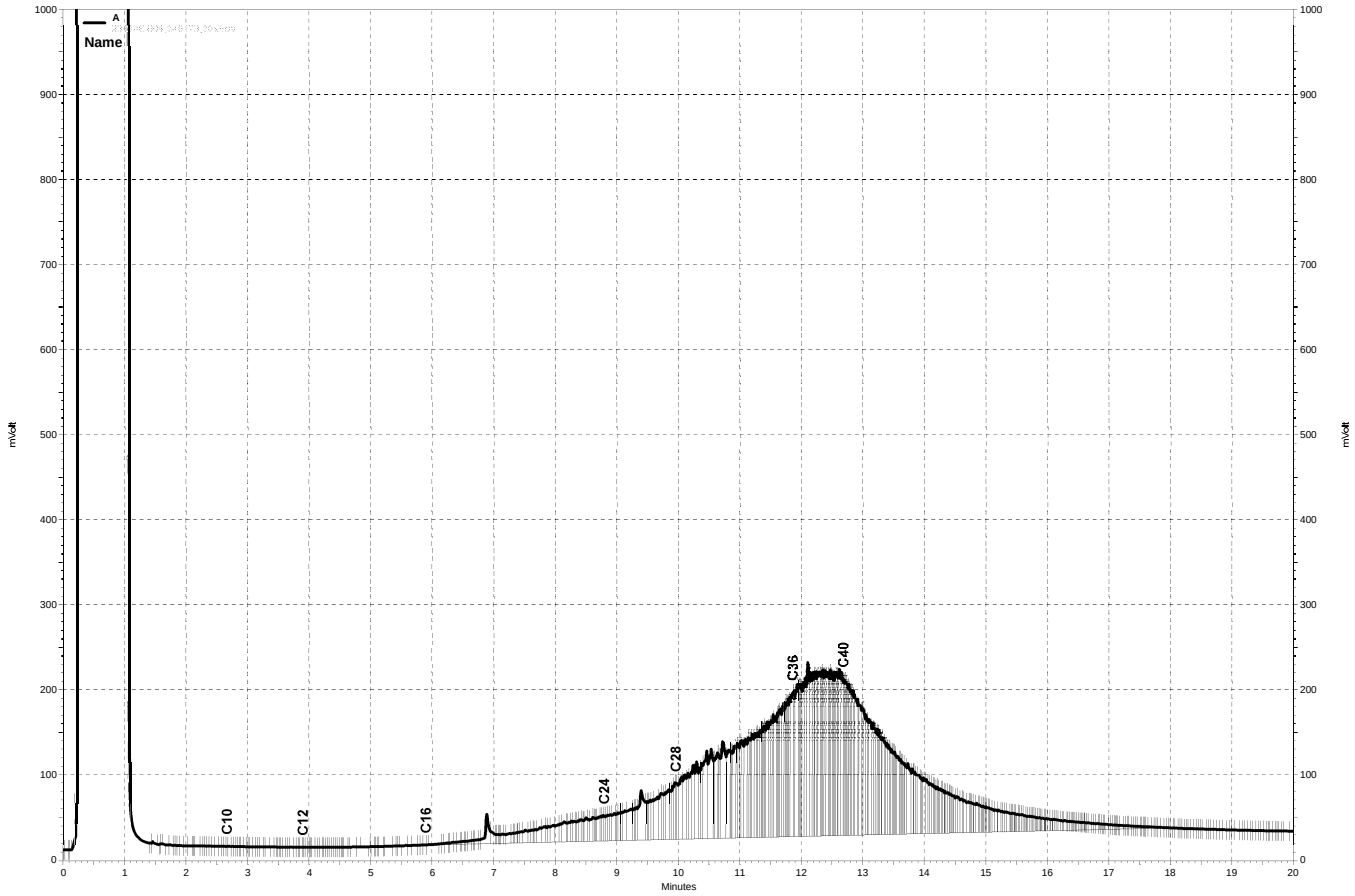
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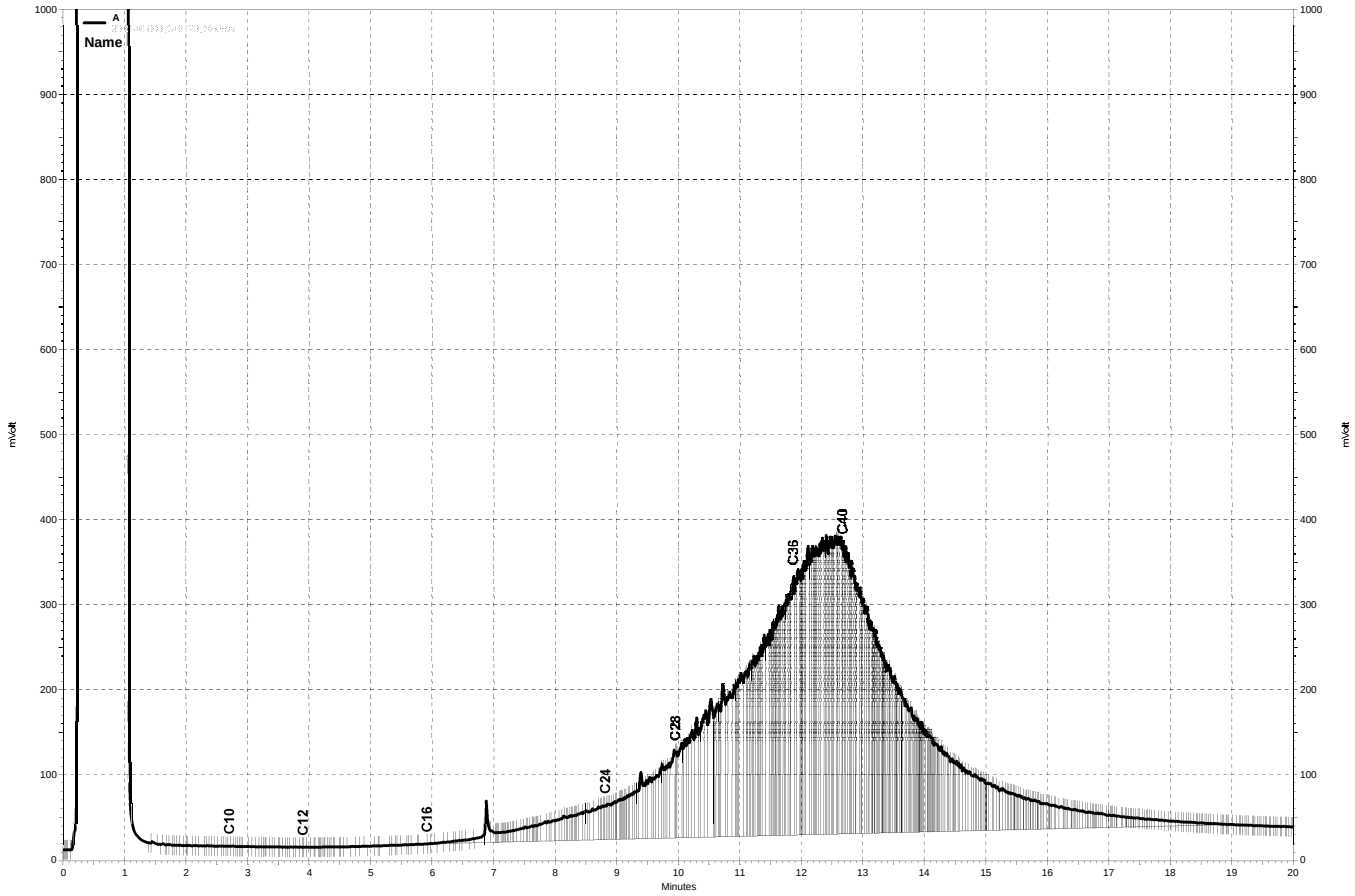
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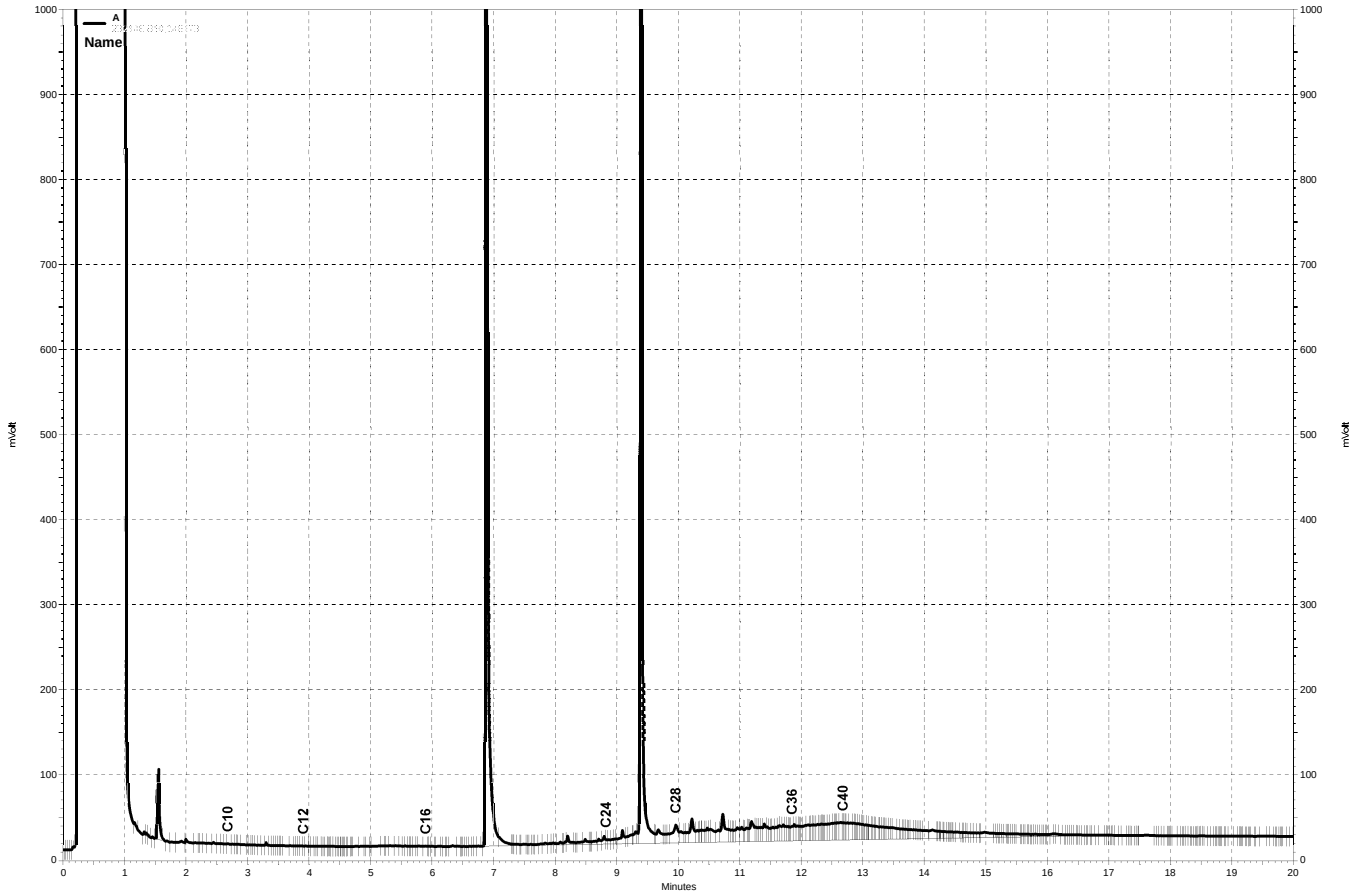
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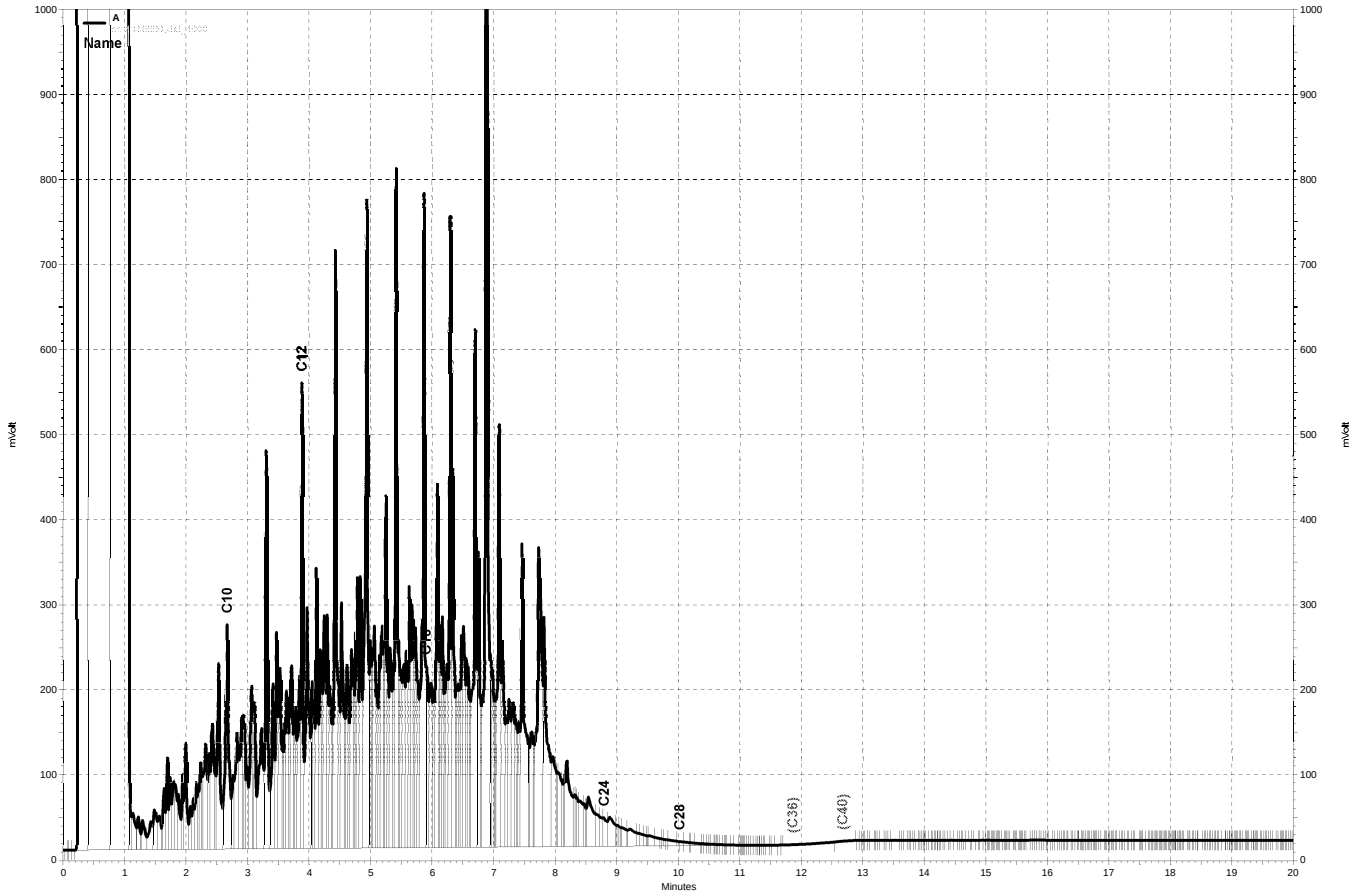
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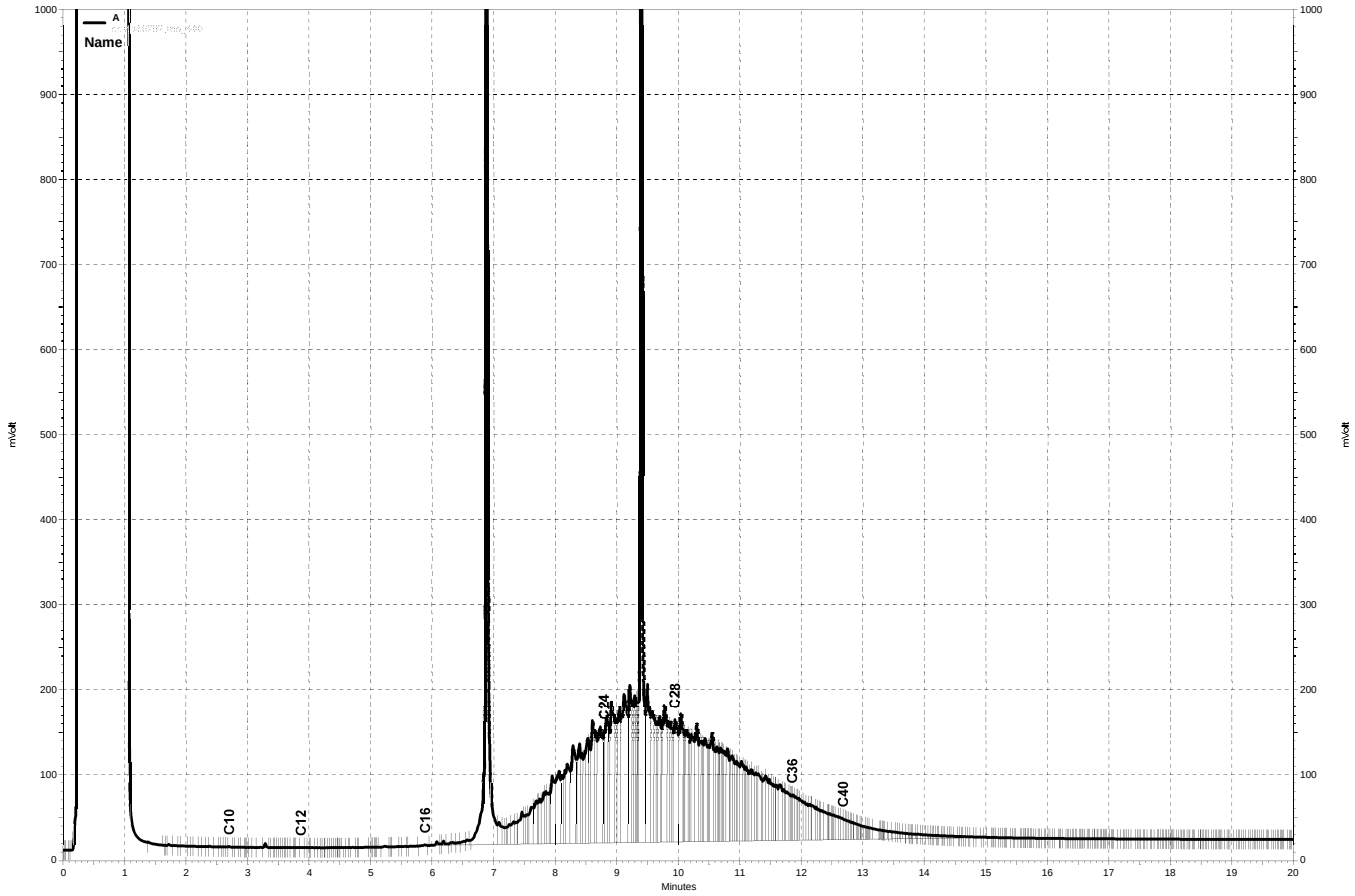
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Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-1-GW	Batch#:	240209
Lab ID:	282148-013	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Gasoline C7-C12	ND	50	6.4
Freon 12	ND	1.0	0.1
Chloromethane	ND	1.0	0.3
Vinyl Chloride	ND	0.5	0.1
Bromomethane	ND	1.0	0.2
Chloroethane	ND	1.0	0.3
Trichlorofluoromethane	ND	1.0	0.2
Acetone	ND	10	3.3
Freon 113	ND	2.0	0.1
1,1-Dichloroethene	ND	0.5	0.2
Methylene Chloride	ND	10	0.2
Carbon Disulfide	0.3 J	0.5	0.1
MTBE	0.8	0.5	0.1
trans-1,2-Dichloroethene	ND	0.5	0.2
Vinyl Acetate	ND	10	1.1
1,1-Dichloroethane	ND	0.5	0.2
2-Butanone	ND	10	0.5
cis-1,2-Dichloroethene	0.2 J	0.5	0.1
2,2-Dichloropropane	ND	0.5	0.1
Chloroform	ND	0.5	0.1
Bromochloromethane	ND	0.5	0.1
1,1,1-Trichloroethane	ND	0.5	0.1
1,1-Dichloropropene	ND	0.5	0.1
Carbon Tetrachloride	ND	0.5	0.1
1,2-Dichloroethane	ND	0.5	0.1
Benzene	ND	0.5	0.1
Trichloroethene	0.2 J	0.5	0.1
1,2-Dichloropropane	ND	0.5	0.1
Bromodichloromethane	ND	0.5	0.1
Dibromomethane	ND	0.5	0.1
4-Methyl-2-Pentanone	ND	10	0.7
cis-1,3-Dichloropropene	ND	0.5	0.1
Toluene	0.1 J	0.5	0.1
trans-1,3-Dichloropropene	ND	0.5	0.1
1,1,2-Trichloroethane	ND	0.5	0.2
2-Hexanone	ND	10	0.5
1,3-Dichloropropane	ND	0.5	0.1
Tetrachloroethene	0.2 J	0.5	0.1
Dibromochloromethane	ND	0.5	0.1
1,2-Dibromoethane	ND	0.5	0.1
Chlorobenzene	ND	0.5	0.1
1,1,1,2-Tetrachloroethane	ND	0.5	0.1
Ethylbenzene	ND	0.5	0.1
m,p-Xylenes	ND	0.5	0.1
o-Xylene	ND	0.5	0.1
Styrene	ND	0.5	0.1
Bromoform	ND	1.0	0.1
Isopropylbenzene	ND	0.5	0.1
1,1,2,2-Tetrachloroethane	ND	0.5	0.1
1,2,3-Trichloropropane	ND	0.5	0.2
Propylbenzene	ND	0.5	0.1
Bromobenzene	ND	0.5	0.1

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-1-GW	Batch#:	240209
Lab ID:	282148-013	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
1,3,5-Trimethylbenzene	ND	0.5	0.1
2-Chlorotoluene	ND	0.5	0.1
4-Chlorotoluene	ND	0.5	0.1
tert-Butylbenzene	ND	0.5	0.1
1,2,4-Trimethylbenzene	ND	0.5	0.1
sec-Butylbenzene	ND	0.5	0.1
para-Isopropyl Toluene	ND	0.5	0.1
1,3-Dichlorobenzene	ND	0.5	0.1
1,4-Dichlorobenzene	ND	0.5	0.1
n-Butylbenzene	ND	0.5	0.1
1,2-Dichlorobenzene	ND	0.5	0.1
1,2-Dibromo-3-Chloropropane	ND	2.0	0.3
1,2,4-Trichlorobenzene	ND	0.5	0.1
Hexachlorobutadiene	ND	2.0	0.1
Naphthalene	ND	2.0	0.1
1,2,3-Trichlorobenzene	ND	0.5	0.1

Surrogate	%REC	Limits
Dibromofluoromethane	91	80-128
1,2-Dichloroethane-d4	102	75-139
Toluene-d8	95	80-120
Bromofluorobenzene	89	80-120

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-3-GW	Units:	ug/L
Lab ID:	282148-014	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16

Analyte	Result	RL	MDL	Diln Fac	Batch#	Analyzed
Gasoline C7-C12	ND	50	6.4	1.000	240209	10/17/16
Freon 12	ND	1.0	0.1	1.000	240209	10/17/16
Chloromethane	ND	1.0	0.3	1.000	240209	10/17/16
Vinyl Chloride	ND	0.5	0.1	1.000	240209	10/17/16
Bromomethane	ND	1.0	0.2	1.000	240209	10/17/16
Chloroethane	ND	1.0	0.3	1.000	240209	10/17/16
Trichlorofluoromethane	ND	1.0	0.2	1.000	240209	10/17/16
Acetone	ND	10	3.3	1.000	240209	10/17/16
Freon 113	ND	2.0	0.1	1.000	240209	10/17/16
1,1-Dichloroethene	ND	0.5	0.2	1.000	240209	10/17/16
Methylene Chloride	ND	10	0.2	1.000	240209	10/17/16
Carbon Disulfide	ND	0.5	0.1	1.000	240209	10/17/16
MTBE	560	5.0	1.0	10.00	240282	10/18/16
trans-1,2-Dichloroethene	ND	0.5	0.2	1.000	240209	10/17/16
Vinyl Acetate	ND	10	1.1	1.000	240209	10/17/16
1,1-Dichloroethane	ND	0.5	0.2	1.000	240209	10/17/16
2-Butanone	ND	10	0.5	1.000	240209	10/17/16
cis-1,2-Dichloroethene	ND	0.5	0.1	1.000	240209	10/17/16
2,2-Dichloropropane	ND	0.5	0.1	1.000	240209	10/17/16
Chloroform	ND	0.5	0.1	1.000	240209	10/17/16
Bromochloromethane	ND	0.5	0.1	1.000	240209	10/17/16
1,1,1-Trichloroethane	ND	0.5	0.1	1.000	240209	10/17/16
1,1-Dichloropropene	ND	0.5	0.1	1.000	240209	10/17/16
Carbon Tetrachloride	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dichloroethane	0.4 J	0.5	0.1	1.000	240209	10/17/16
Benzene	ND	0.5	0.1	1.000	240209	10/17/16
Trichloroethene	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dichloropropane	ND	0.5	0.1	1.000	240209	10/17/16
Bromodichloromethane	ND	0.5	0.1	1.000	240209	10/17/16
Dibromomethane	ND	0.5	0.1	1.000	240209	10/17/16
4-Methyl-2-Pentanone	ND	10	0.7	1.000	240209	10/17/16
cis-1,3-Dichloropropene	ND	0.5	0.1	1.000	240209	10/17/16
Toluene	ND	0.5	0.1	1.000	240209	10/17/16
trans-1,3-Dichloropropene	ND	0.5	0.1	1.000	240209	10/17/16
1,1,2-Trichloroethane	ND	0.5	0.2	1.000	240209	10/17/16
2-Hexanone	ND	10	0.5	1.000	240209	10/17/16
1,3-Dichloropropane	ND	0.5	0.1	1.000	240209	10/17/16

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-3-GW	Units:	ug/L
Lab ID:	282148-014	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16

Analyte	Result	RL	MDL	Diln Fac	Batch#	Analyzed
Tetrachloroethene	ND	0.5	0.1	1.000	240209	10/17/16
Dibromochloromethane	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dibromoethane	ND	0.5	0.1	1.000	240209	10/17/16
Chlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,1,1,2-Tetrachloroethane	ND	0.5	0.1	1.000	240209	10/17/16
Ethylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
m,p-Xylenes	ND	0.5	0.1	1.000	240209	10/17/16
o-Xylene	ND	0.5	0.1	1.000	240209	10/17/16
Styrene	ND	0.5	0.1	1.000	240209	10/17/16
Bromoform	ND	1.0	0.1	1.000	240209	10/17/16
Isopropylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,1,2,2-Tetrachloroethane	ND	0.5	0.1	1.000	240209	10/17/16
1,2,3-Trichloropropane	ND	0.5	0.2	1.000	240209	10/17/16
Propylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
Bromobenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,3,5-Trimethylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
2-Chlorotoluene	ND	0.5	0.1	1.000	240209	10/17/16
4-Chlorotoluene	ND	0.5	0.1	1.000	240209	10/17/16
tert-Butylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,2,4-Trimethylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
sec-Butylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
para-Isopropyl Toluene	ND	0.5	0.1	1.000	240209	10/17/16
1,3-Dichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,4-Dichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
n-Butylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dibromo-3-Chloropropane	ND	2.0	0.3	1.000	240209	10/17/16
1,2,4-Trichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
Hexachlorobutadiene	ND	2.0	0.1	1.000	240209	10/17/16
Naphthalene	ND	2.0	0.1	1.000	240209	10/17/16
1,2,3-Trichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	91	80-128	1.000	240209	10/17/16
1,2-Dichloroethane-d4	102	75-139	1.000	240209	10/17/16
Toluene-d8	93	80-120	1.000	240209	10/17/16
Bromofluorobenzene	88	80-120	1.000	240209	10/17/16

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-4-GW	Units:	ug/L
Lab ID:	282148-015	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16

Analyte	Result	RL	MDL	Diln Fac	Batch#	Analyzed
Gasoline C7-C12	ND	50	6.4	1.000	240209	10/17/16
Freon 12	ND	1.0	0.1	1.000	240209	10/17/16
Chloromethane	ND	1.0	0.3	1.000	240209	10/17/16
Vinyl Chloride	ND	0.5	0.1	1.000	240209	10/17/16
Bromomethane	ND	1.0	0.2	1.000	240209	10/17/16
Chloroethane	ND	1.0	0.3	1.000	240209	10/17/16
Trichlorofluoromethane	ND	1.0	0.2	1.000	240209	10/17/16
Acetone	ND	10	3.3	1.000	240209	10/17/16
Freon 113	ND	2.0	0.1	1.000	240209	10/17/16
1,1-Dichloroethene	ND	0.5	0.2	1.000	240209	10/17/16
Methylene Chloride	ND	10	0.2	1.000	240209	10/17/16
Carbon Disulfide	ND	0.5	0.1	1.000	240209	10/17/16
MTBE	710	6.3	1.3	12.50	240282	10/18/16
trans-1,2-Dichloroethene	ND	0.5	0.2	1.000	240209	10/17/16
Vinyl Acetate	ND	10	1.1	1.000	240209	10/17/16
1,1-Dichloroethane	ND	0.5	0.2	1.000	240209	10/17/16
2-Butanone	ND	10	0.5	1.000	240209	10/17/16
cis-1,2-Dichloroethene	ND	0.5	0.1	1.000	240209	10/17/16
2,2-Dichloropropane	ND	0.5	0.1	1.000	240209	10/17/16
Chloroform	ND	0.5	0.1	1.000	240209	10/17/16
Bromochloromethane	ND	0.5	0.1	1.000	240209	10/17/16
1,1,1-Trichloroethane	ND	0.5	0.1	1.000	240209	10/17/16
1,1-Dichloropropene	ND	0.5	0.1	1.000	240209	10/17/16
Carbon Tetrachloride	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dichloroethane	0.3 J	0.5	0.1	1.000	240209	10/17/16
Benzene	ND	0.5	0.1	1.000	240209	10/17/16
Trichloroethene	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dichloropropane	ND	0.5	0.1	1.000	240209	10/17/16
Bromodichloromethane	ND	0.5	0.1	1.000	240209	10/17/16
Dibromomethane	ND	0.5	0.1	1.000	240209	10/17/16
4-Methyl-2-Pentanone	ND	10	0.7	1.000	240209	10/17/16
cis-1,3-Dichloropropene	ND	0.5	0.1	1.000	240209	10/17/16
Toluene	ND	0.5	0.1	1.000	240209	10/17/16
trans-1,3-Dichloropropene	ND	0.5	0.1	1.000	240209	10/17/16
1,1,2-Trichloroethane	ND	0.5	0.2	1.000	240209	10/17/16
2-Hexanone	ND	10	0.5	1.000	240209	10/17/16
1,3-Dichloropropane	ND	0.5	0.1	1.000	240209	10/17/16

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-4-GW	Units:	ug/L
Lab ID:	282148-015	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16

Analyte	Result	RL	MDL	Diln Fac	Batch#	Analyzed
Tetrachloroethene	ND	0.5	0.1	1.000	240209	10/17/16
Dibromochloromethane	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dibromoethane	ND	0.5	0.1	1.000	240209	10/17/16
Chlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,1,1,2-Tetrachloroethane	ND	0.5	0.1	1.000	240209	10/17/16
Ethylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
m,p-Xylenes	ND	0.5	0.1	1.000	240209	10/17/16
o-Xylene	ND	0.5	0.1	1.000	240209	10/17/16
Styrene	ND	0.5	0.1	1.000	240209	10/17/16
Bromoform	ND	1.0	0.1	1.000	240209	10/17/16
Isopropylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,1,2,2-Tetrachloroethane	ND	0.5	0.1	1.000	240209	10/17/16
1,2,3-Trichloropropane	ND	0.5	0.2	1.000	240209	10/17/16
Propylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
Bromobenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,3,5-Trimethylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
2-Chlorotoluene	ND	0.5	0.1	1.000	240209	10/17/16
4-Chlorotoluene	ND	0.5	0.1	1.000	240209	10/17/16
tert-Butylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,2,4-Trimethylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
sec-Butylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
para-Isopropyl Toluene	ND	0.5	0.1	1.000	240209	10/17/16
1,3-Dichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,4-Dichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
n-Butylbenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
1,2-Dibromo-3-Chloropropane	ND	2.0	0.3	1.000	240209	10/17/16
1,2,4-Trichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16
Hexachlorobutadiene	ND	2.0	0.1	1.000	240209	10/17/16
Naphthalene	ND	2.0	0.1	1.000	240209	10/17/16
1,2,3-Trichlorobenzene	ND	0.5	0.1	1.000	240209	10/17/16

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	91	80-128	1.000	240209	10/17/16
1,2-Dichloroethane-d4	100	75-139	1.000	240209	10/17/16
Toluene-d8	92	80-120	1.000	240209	10/17/16
Bromofluorobenzene	89	80-120	1.000	240209	10/17/16

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	TRIP BLANK	Batch#:	240209
Lab ID:	282148-016	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Gasoline C7-C12	ND	50	6.4
Freon 12	ND	1.0	0.1
Chloromethane	ND	1.0	0.3
Vinyl Chloride	ND	0.5	0.1
Bromomethane	ND	1.0	0.2
Chloroethane	ND	1.0	0.3
Trichlorofluoromethane	ND	1.0	0.2
Acetone	ND	10	3.3
Freon 113	ND	2.0	0.1
1,1-Dichloroethene	ND	0.5	0.2
Methylene Chloride	ND	10	0.2
Carbon Disulfide	ND	0.5	0.1
MTBE	ND	0.5	0.1
trans-1,2-Dichloroethene	ND	0.5	0.2
Vinyl Acetate	ND	10	1.1
1,1-Dichloroethane	ND	0.5	0.2
2-Butanone	ND	10	0.5
cis-1,2-Dichloroethene	ND	0.5	0.1
2,2-Dichloropropane	ND	0.5	0.1
Chloroform	ND	0.5	0.1
Bromochloromethane	ND	0.5	0.1
1,1,1-Trichloroethane	ND	0.5	0.1
1,1-Dichloropropene	ND	0.5	0.1
Carbon Tetrachloride	ND	0.5	0.1
1,2-Dichloroethane	ND	0.5	0.1
Benzene	ND	0.5	0.1
Trichloroethene	ND	0.5	0.1
1,2-Dichloropropane	ND	0.5	0.1
Bromodichloromethane	ND	0.5	0.1
Dibromomethane	ND	0.5	0.1
4-Methyl-2-Pentanone	ND	10	0.7
cis-1,3-Dichloropropene	ND	0.5	0.1
Toluene	ND	0.5	0.1
trans-1,3-Dichloropropene	ND	0.5	0.1
1,1,2-Trichloroethane	ND	0.5	0.2
2-Hexanone	ND	10	0.5
1,3-Dichloropropane	ND	0.5	0.1
Tetrachloroethene	ND	0.5	0.1
Dibromochloromethane	ND	0.5	0.1
1,2-Dibromoethane	ND	0.5	0.1
Chlorobenzene	ND	0.5	0.1
1,1,1,2-Tetrachloroethane	ND	0.5	0.1
Ethylbenzene	ND	0.5	0.1
m,p-Xylenes	ND	0.5	0.1
o-Xylene	ND	0.5	0.1
Styrene	ND	0.5	0.1
Bromoform	ND	1.0	0.1
Isopropylbenzene	ND	0.5	0.1
1,1,2,2-Tetrachloroethane	ND	0.5	0.1
1,2,3-Trichloropropane	ND	0.5	0.2
Propylbenzene	ND	0.5	0.1
Bromobenzene	ND	0.5	0.1
1,3,5-Trimethylbenzene	ND	0.5	0.1

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	TRIP BLANK	Batch#:	240209
Lab ID:	282148-016	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	0.5	0.1
4-Chlorotoluene	ND	0.5	0.1
tert-Butylbenzene	ND	0.5	0.1
1,2,4-Trimethylbenzene	ND	0.5	0.1
sec-Butylbenzene	ND	0.5	0.1
para-Isopropyl Toluene	ND	0.5	0.1
1,3-Dichlorobenzene	ND	0.5	0.1
1,4-Dichlorobenzene	ND	0.5	0.1
n-Butylbenzene	ND	0.5	0.1
1,2-Dichlorobenzene	ND	0.5	0.1
1,2-Dibromo-3-Chloropropane	ND	2.0	0.3
1,2,4-Trichlorobenzene	ND	0.5	0.1
Hexachlorobutadiene	ND	2.0	0.1
Naphthalene	ND	2.0	0.1
1,2,3-Trichlorobenzene	ND	0.5	0.1

Surrogate	%REC	Limits
Dibromofluoromethane	91	80-128
1,2-Dichloroethane-d4	95	75-139
Toluene-d8	93	80-120
Bromofluorobenzene	89	80-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	240209
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Type: BS Lab ID: QC855877

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	12.50	11.40	91	66-135
Benzene	12.50	12.73	102	80-123
Trichloroethene	12.50	11.89	95	80-123
Toluene	12.50	12.32	99	80-121
Chlorobenzene	12.50	12.83	103	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-128
1,2-Dichloroethane-d4	96	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	90	80-120

Type: BSD Lab ID: QC855878

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	12.50	10.51	84	66-135	8	24
Benzene	12.50	11.89	95	80-123	7	20
Trichloroethene	12.50	11.24	90	80-123	6	20
Toluene	12.50	11.38	91	80-121	8	20
Chlorobenzene	12.50	12.04	96	80-123	6	20

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-128
1,2-Dichloroethane-d4	95	75-139
Toluene-d8	93	80-120
Bromofluorobenzene	89	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC855879	Batch#:	240209
Matrix:	Water	Analyzed:	10/17/16
Units:	ug/L		

Analyte	Result	RL	MDL
Gasoline C7-C12	ND	50	6.4
Freon 12	ND	1.0	0.1
Chloromethane	ND	1.0	0.3
Vinyl Chloride	ND	0.5	0.1
Bromomethane	ND	1.0	0.2
Chloroethane	ND	1.0	0.3
Trichlorofluoromethane	ND	1.0	0.2
Acetone	ND	10	3.3
Freon 113	ND	2.0	0.1
1,1-Dichloroethene	ND	0.5	0.2
Methylene Chloride	ND	10	0.2
Carbon Disulfide	ND	0.5	0.1
MTBE	ND	0.5	0.1
trans-1,2-Dichloroethene	ND	0.5	0.2
Vinyl Acetate	ND	10	1.1
1,1-Dichloroethane	ND	0.5	0.2
2-Butanone	ND	10	0.5
cis-1,2-Dichloroethene	ND	0.5	0.1
2,2-Dichloropropane	ND	0.5	0.1
Chloroform	ND	0.5	0.1
Bromochloromethane	ND	0.5	0.1
1,1,1-Trichloroethane	ND	0.5	0.1
1,1-Dichloropropene	ND	0.5	0.1
Carbon Tetrachloride	ND	0.5	0.1
1,2-Dichloroethane	ND	0.5	0.1
Benzene	ND	0.5	0.1
Trichloroethene	ND	0.5	0.1
1,2-Dichloropropane	ND	0.5	0.1
Bromodichloromethane	ND	0.5	0.1
Dibromomethane	ND	0.5	0.1
4-Methyl-2-Pentanone	ND	10	0.7
cis-1,3-Dichloropropene	ND	0.5	0.1
Toluene	ND	0.5	0.1
trans-1,3-Dichloropropene	ND	0.5	0.1
1,1,2-Trichloroethane	ND	0.5	0.2
2-Hexanone	ND	10	0.5
1,3-Dichloropropane	ND	0.5	0.1
Tetrachloroethene	ND	0.5	0.1
Dibromochloromethane	ND	0.5	0.1
1,2-Dibromoethane	ND	0.5	0.1
Chlorobenzene	ND	0.5	0.1
1,1,1,2-Tetrachloroethane	ND	0.5	0.1
Ethylbenzene	ND	0.5	0.1
m,p-Xylenes	ND	0.5	0.1
o-Xylene	ND	0.5	0.1
Styrene	ND	0.5	0.1
Bromoform	ND	1.0	0.1
Isopropylbenzene	ND	0.5	0.1
1,1,2,2-Tetrachloroethane	ND	0.5	0.1
1,2,3-Trichloropropane	ND	0.5	0.2
Propylbenzene	ND	0.5	0.1
Bromobenzene	ND	0.5	0.1
1,3,5-Trimethylbenzene	ND	0.5	0.1

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855879	Batch#:	240209
Matrix:	Water	Analyzed:	10/17/16
Units:	ug/L		

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	0.5	0.1
4-Chlorotoluene	ND	0.5	0.1
tert-Butylbenzene	ND	0.5	0.1
1,2,4-Trimethylbenzene	ND	0.5	0.1
sec-Butylbenzene	ND	0.5	0.1
para-Isopropyl Toluene	ND	0.5	0.1
1,3-Dichlorobenzene	ND	0.5	0.1
1,4-Dichlorobenzene	ND	0.5	0.1
n-Butylbenzene	ND	0.5	0.1
1,2-Dichlorobenzene	ND	0.5	0.1
1,2-Dibromo-3-Chloropropane	ND	2.0	0.3
1,2,4-Trichlorobenzene	ND	0.5	0.1
Hexachlorobutadiene	ND	2.0	0.1
Naphthalene	ND	2.0	0.1
1,2,3-Trichlorobenzene	ND	0.5	0.1

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	95	80-120
Bromofluorobenzene	89	80-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	240209
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Type: BS Lab ID: QC855890

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,114	111	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	94	80-120
Bromofluorobenzene	90	80-120

Type: BSD Lab ID: QC855891

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,000	1,074	107	70-130	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	94	80-120
Bromofluorobenzene	90	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	240282
Units:	ug/L	Analyzed:	10/18/16
Diln Fac:	1.000		

Type: BS Lab ID: QC856188

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	12.50	12.20	98	66-135
Benzene	12.50	11.82	95	80-123
Trichloroethene	12.50	11.99	96	80-123
Toluene	12.50	12.83	103	80-121
Chlorobenzene	12.50	12.58	101	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-128
1,2-Dichloroethane-d4	87	75-139
Toluene-d8	100	80-120
Bromofluorobenzene	105	80-120

Type: BSD Lab ID: QC856189

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	12.50	11.79	94	66-135	3	24
Benzene	12.50	11.74	94	80-123	1	20
Trichloroethene	12.50	11.63	93	80-123	3	20
Toluene	12.50	12.00	96	80-121	7	20
Chlorobenzene	12.50	12.01	96	80-123	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-128
1,2-Dichloroethane-d4	89	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	104	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC856190	Batch#:	240282
Matrix:	Water	Analyzed:	10/18/16
Units:	ug/L		

Analyte	Result	RL	MDL
Gasoline C7-C12	NA		
Freon 12	ND	1.0	0.2
Chloromethane	ND	1.0	0.2
Vinyl Chloride	ND	0.5	0.1
Bromomethane	ND	1.0	0.2
Chloroethane	ND	1.0	0.2
Trichlorofluoromethane	ND	1.0	0.2
Acetone	ND	10	3.3
Freon 113	ND	2.0	0.3
1,1-Dichloroethene	ND	0.5	0.1
Methylene Chloride	ND	10	0.1
Carbon Disulfide	ND	0.5	0.1
MTBE	ND	0.5	0.1
trans-1,2-Dichloroethene	ND	0.5	0.1
Vinyl Acetate	ND	10	0.5
1,1-Dichloroethane	ND	0.5	0.1
2-Butanone	ND	10	0.5
cis-1,2-Dichloroethene	ND	0.5	0.1
2,2-Dichloropropane	ND	0.5	0.1
Chloroform	ND	0.5	0.1
Bromochloromethane	ND	0.5	0.2
1,1,1-Trichloroethane	ND	0.5	0.1
1,1-Dichloropropene	ND	0.5	0.1
Carbon Tetrachloride	ND	0.5	0.1
1,2-Dichloroethane	ND	0.5	0.1
Benzene	ND	0.5	0.1
Trichloroethene	ND	0.5	0.1
1,2-Dichloropropane	ND	0.5	0.2
Bromodichloromethane	ND	0.5	0.1
Dibromomethane	ND	0.5	0.1
4-Methyl-2-Pentanone	ND	10	0.2
cis-1,3-Dichloropropene	ND	0.5	0.1
Toluene	ND	0.5	0.1
trans-1,3-Dichloropropene	ND	0.5	0.1
1,1,2-Trichloroethane	ND	0.5	0.2
2-Hexanone	ND	10	0.2
1,3-Dichloropropane	ND	0.5	0.1
Tetrachloroethene	ND	0.5	0.1
Dibromochloromethane	ND	0.5	0.1
1,2-Dibromoethane	ND	0.5	0.1
Chlorobenzene	ND	0.5	0.1
1,1,1,2-Tetrachloroethane	ND	0.5	0.1
Ethylbenzene	ND	0.5	0.2
m,p-Xylenes	ND	0.5	0.1
o-Xylene	ND	0.5	0.1
Styrene	ND	0.5	0.1
Bromoform	ND	1.0	0.1
Isopropylbenzene	ND	0.5	0.1
1,1,2,2-Tetrachloroethane	ND	0.5	0.1
1,2,3-Trichloropropane	ND	0.5	0.1

J= Estimated value
b= See narrative
NA= Not Analyzed
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856190	Batch#:	240282
Matrix:	Water	Analyzed:	10/18/16
Units:	ug/L		

Analyte	Result	RL	MDL
Propylbenzene	ND	0.5	0.1
Bromobenzene	ND	0.5	0.1
1,3,5-Trimethylbenzene	ND	0.5	0.1
2-Chlorotoluene	ND	0.5	0.1
4-Chlorotoluene	ND	0.5	0.2
tert-Butylbenzene	ND	0.5	0.1
1,2,4-Trimethylbenzene	ND	0.5	0.2
sec-Butylbenzene	ND	0.5	0.1
para-Isopropyl Toluene	ND	0.5	0.1
1,3-Dichlorobenzene	0.1 J	0.5	0.1
1,4-Dichlorobenzene	0.2 J	0.5	0.1
n-Butylbenzene	0.9 b	0.5	0.1
1,2-Dichlorobenzene	0.1 J	0.5	0.1
1,2-Dibromo-3-Chloropropane	ND	2.0	0.2
1,2,4-Trichlorobenzene	0.2 J	0.5	0.1
Hexachlorobutadiene	ND	2.0	0.3
Naphthalene	0.2 J	2.0	0.1
1,2,3-Trichlorobenzene	0.2 J	0.5	0.1

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-128
1,2-Dichloroethane-d4	88	75-139
Toluene-d8	99	80-120
Bromofluorobenzene	106	80-120

J= Estimated value
b= See narrative
NA= Not Analyzed
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-1-1	Diln Fac:	0.9398
Lab ID:	282148-001	Batch#:	240202
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/16/16

Analyte	Result	RL	MDL
Freon 12	ND	9.4	0.6
Chloromethane	ND	9.4	0.5
Vinyl Chloride	ND	9.4	0.4
Bromomethane	ND	9.4	0.3
Chloroethane	ND	9.4	0.4
Trichlorofluoromethane	ND	4.7	0.3
Acetone	4.8 J	19	3.1
Freon 113	ND	4.7	0.5
1,1-Dichloroethene	ND	4.7	0.6
Methylene Chloride	ND	19	1.0
Carbon Disulfide	ND	4.7	0.6
MTBE	ND	4.7	0.5
trans-1,2-Dichloroethene	ND	4.7	0.6
Vinyl Acetate	ND	47	0.5
1,1-Dichloroethane	ND	4.7	0.7
2-Butanone	ND	9.4	1.2
cis-1,2-Dichloroethene	ND	4.7	0.5
2,2-Dichloropropane	ND	4.7	0.6
Chloroform	ND	4.7	0.7
Bromochloromethane	ND	4.7	0.2
1,1,1-Trichloroethane	ND	4.7	0.6
1,1-Dichloropropene	ND	4.7	0.6
Carbon Tetrachloride	ND	4.7	0.6
1,2-Dichloroethane	ND	4.7	0.6
Benzene	ND	4.7	0.7
Trichloroethene	ND	4.7	0.7
1,2-Dichloropropane	ND	4.7	0.6
Bromodichloromethane	ND	4.7	0.5
Dibromomethane	ND	4.7	0.2
4-Methyl-2-Pentanone	ND	9.4	0.6
cis-1,3-Dichloropropene	ND	4.7	0.4
Toluene	ND	4.7	0.7
trans-1,3-Dichloropropene	ND	4.7	0.4
1,1,2-Trichloroethane	ND	4.7	0.5
2-Hexanone	ND	9.4	0.6
1,3-Dichloropropane	ND	4.7	0.5
Tetrachloroethene	ND	4.7	0.6
Dibromochloromethane	ND	4.7	0.5
1,2-Dibromoethane	ND	4.7	0.5
Chlorobenzene	ND	4.7	0.6
1,1,1,2-Tetrachloroethane	ND	4.7	0.5
Ethylbenzene	ND	4.7	0.7
m,p-Xylenes	ND	4.7	1.3
o-Xylene	ND	4.7	0.6
Styrene	ND	4.7	0.5
Bromoform	ND	4.7	0.5
Isopropylbenzene	ND	4.7	0.6
1,1,2,2-Tetrachloroethane	ND	4.7	0.5
1,2,3-Trichloropropane	ND	4.7	0.6
Propylbenzene	ND	4.7	0.6
Bromobenzene	ND	4.7	0.2
1,3,5-Trimethylbenzene	ND	4.7	0.6

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-1-1	Dil'n Fac:	0.9398
Lab ID:	282148-001	Batch#:	240202
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/16/16

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	4.7	0.6
4-Chlorotoluene	ND	4.7	0.6
tert-Butylbenzene	ND	4.7	0.7
1,2,4-Trimethylbenzene	ND	4.7	0.6
sec-Butylbenzene	ND	4.7	0.6
para-Isopropyl Toluene	ND	4.7	0.6
1,3-Dichlorobenzene	ND	4.7	0.5
1,4-Dichlorobenzene	ND	4.7	0.4
n-Butylbenzene	ND	4.7	0.6
1,2-Dichlorobenzene	ND	4.7	0.4
1,2-Dibromo-3-Chloropropane	ND	4.7	0.7
1,2,4-Trichlorobenzene	ND	4.7	0.2
Hexachlorobutadiene	ND	4.7	0.6
Naphthalene	ND	4.7	0.9
1,2,3-Trichlorobenzene	ND	4.7	0.2

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-134
1,2-Dichloroethane-d4	119	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	114	78-123

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-1-5	Diln Fac:	0.9398
Lab ID:	282148-002	Batch#:	240202
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/16/16

Analyte	Result	RL	MDL
Freon 12	ND	9.4	0.6
Chloromethane	ND	9.4	0.5
Vinyl Chloride	ND	9.4	0.4
Bromomethane	ND	9.4	0.3
Chloroethane	ND	9.4	0.4
Trichlorofluoromethane	ND	4.7	0.3
Acetone	ND	19	3.1
Freon 113	ND	4.7	0.5
1,1-Dichloroethene	ND	4.7	0.6
Methylene Chloride	ND	19	1.0
Carbon Disulfide	ND	4.7	0.6
MTBE	ND	4.7	0.5
trans-1,2-Dichloroethene	ND	4.7	0.6
Vinyl Acetate	ND	47	0.5
1,1-Dichloroethane	ND	4.7	0.7
2-Butanone	ND	9.4	1.2
cis-1,2-Dichloroethene	ND	4.7	0.5
2,2-Dichloropropane	ND	4.7	0.6
Chloroform	ND	4.7	0.7
Bromochloromethane	ND	4.7	0.2
1,1,1-Trichloroethane	ND	4.7	0.6
1,1-Dichloropropene	ND	4.7	0.6
Carbon Tetrachloride	ND	4.7	0.6
1,2-Dichloroethane	ND	4.7	0.6
Benzene	ND	4.7	0.7
Trichloroethene	ND	4.7	0.7
1,2-Dichloropropane	ND	4.7	0.6
Bromodichloromethane	ND	4.7	0.5
Dibromomethane	ND	4.7	0.2
4-Methyl-2-Pentanone	ND	9.4	0.6
cis-1,3-Dichloropropene	ND	4.7	0.4
Toluene	ND	4.7	0.7
trans-1,3-Dichloropropene	ND	4.7	0.4
1,1,2-Trichloroethane	ND	4.7	0.5
2-Hexanone	ND	9.4	0.6
1,3-Dichloropropane	ND	4.7	0.5
Tetrachloroethene	ND	4.7	0.6
Dibromochloromethane	ND	4.7	0.5
1,2-Dibromoethane	ND	4.7	0.5
Chlorobenzene	ND	4.7	0.6
1,1,1,2-Tetrachloroethane	ND	4.7	0.5
Ethylbenzene	ND	4.7	0.7
m,p-Xylenes	ND	4.7	1.3
o-Xylene	ND	4.7	0.6
Styrene	ND	4.7	0.5
Bromoform	ND	4.7	0.5
Isopropylbenzene	ND	4.7	0.6
1,1,2,2-Tetrachloroethane	ND	4.7	0.5
1,2,3-Trichloropropane	ND	4.7	0.6
Propylbenzene	ND	4.7	0.6
Bromobenzene	ND	4.7	0.2
1,3,5-Trimethylbenzene	ND	4.7	0.6
2-Chlorotoluene	ND	4.7	0.6

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-1-5	Dil'n Fac:	0.9398
Lab ID:	282148-002	Batch#:	240202
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/16/16

Analyte	Result	RL	MDL
4-Chlorotoluene	ND	4.7	0.6
tert-Butylbenzene	ND	4.7	0.7
1,2,4-Trimethylbenzene	ND	4.7	0.6
sec-Butylbenzene	ND	4.7	0.6
para-Isopropyl Toluene	ND	4.7	0.6
1,3-Dichlorobenzene	ND	4.7	0.5
1,4-Dichlorobenzene	ND	4.7	0.4
n-Butylbenzene	ND	4.7	0.6
1,2-Dichlorobenzene	ND	4.7	0.4
1,2-Dibromo-3-Chloropropane	ND	4.7	0.7
1,2,4-Trichlorobenzene	ND	4.7	0.2
Hexachlorobutadiene	ND	4.7	0.6
Naphthalene	ND	4.7	0.9
1,2,3-Trichlorobenzene	ND	4.7	0.2

Surrogate	%REC	Limits
Dibromofluoromethane	105	78-134
1,2-Dichloroethane-d4	118	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	112	78-123

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-3-1	Diln Fac:	0.9091
Lab ID:	282148-005	Batch#:	240161
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/14/16

Analyte	Result	RL	MDL
Freon 12	ND	9.1	0.6
Chloromethane	ND	9.1	0.4
Vinyl Chloride	ND	9.1	0.4
Bromomethane	ND	9.1	0.3
Chloroethane	ND	9.1	0.4
Trichlorofluoromethane	ND	4.5	0.3
Acetone	ND	18	3.0
Freon 113	ND	4.5	0.5
1,1-Dichloroethene	ND	4.5	0.5
Methylene Chloride	ND	18	1.0
Carbon Disulfide	ND	4.5	0.6
MTBE	ND	4.5	0.4
trans-1,2-Dichloroethene	ND	4.5	0.6
Vinyl Acetate	ND	45	0.5
1,1-Dichloroethane	ND	4.5	0.7
2-Butanone	ND	9.1	1.2
cis-1,2-Dichloroethene	ND	4.5	0.5
2,2-Dichloropropane	ND	4.5	0.5
Chloroform	ND	4.5	0.6
Bromochloromethane	ND	4.5	0.2
1,1,1-Trichloroethane	ND	4.5	0.6
1,1-Dichloropropene	ND	4.5	0.6
Carbon Tetrachloride	ND	4.5	0.5
1,2-Dichloroethane	ND	4.5	0.6
Benzene	ND	4.5	0.6
Trichloroethene	ND	4.5	0.7
1,2-Dichloropropane	ND	4.5	0.5
Bromodichloromethane	ND	4.5	0.5
Dibromomethane	ND	4.5	0.2
4-Methyl-2-Pentanone	ND	9.1	0.5
cis-1,3-Dichloropropene	ND	4.5	0.4
Toluene	ND	4.5	0.7
trans-1,3-Dichloropropene	ND	4.5	0.4
1,1,2-Trichloroethane	ND	4.5	0.4
2-Hexanone	ND	9.1	0.6
1,3-Dichloropropane	ND	4.5	0.5
Tetrachloroethene	ND	4.5	0.6
Dibromochloromethane	ND	4.5	0.4
1,2-Dibromoethane	ND	4.5	0.5
Chlorobenzene	ND	4.5	0.6
1,1,1,2-Tetrachloroethane	ND	4.5	0.5
Ethylbenzene	ND	4.5	0.6
m,p-Xylenes	ND	4.5	1.3
o-Xylene	ND	4.5	0.5
Styrene	ND	4.5	0.5
Bromoform	ND	4.5	0.5
Isopropylbenzene	ND	4.5	0.6
1,1,2,2-Tetrachloroethane	ND	4.5	0.5
1,2,3-Trichloropropane	ND	4.5	0.6
Propylbenzene	ND	4.5	0.6
Bromobenzene	ND	4.5	0.2
1,3,5-Trimethylbenzene	ND	4.5	0.6
2-Chlorotoluene	ND	4.5	0.6

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-3-1	Dil'n Fac:	0.9091
Lab ID:	282148-005	Batch#:	240161
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/14/16

Analyte	Result	RL	MDL
4-Chlorotoluene	ND	4.5	0.6
tert-Butylbenzene	ND	4.5	0.6
1,2,4-Trimethylbenzene	ND	4.5	0.6
sec-Butylbenzene	ND	4.5	0.6
para-Isopropyl Toluene	ND	4.5	0.6
1,3-Dichlorobenzene	ND	4.5	0.5
1,4-Dichlorobenzene	ND	4.5	0.4
n-Butylbenzene	ND	4.5	0.5
1,2-Dichlorobenzene	ND	4.5	0.4
1,2-Dibromo-3-Chloropropane	ND	4.5	0.7
1,2,4-Trichlorobenzene	ND	4.5	0.2
Hexachlorobutadiene	ND	4.5	0.6
Naphthalene	ND	4.5	0.9
1,2,3-Trichlorobenzene	ND	4.5	0.2

Surrogate	%REC	Limits
Dibromofluoromethane	105	78-134
1,2-Dichloroethane-d4	121	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	112	78-123

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-3-5	Diln Fac:	0.9747
Lab ID:	282148-006	Batch#:	240161
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/14/16

Analyte	Result	RL	MDL
Freon 12	ND	9.7	0.6
Chloromethane	ND	9.7	0.5
Vinyl Chloride	ND	9.7	0.4
Bromomethane	ND	9.7	0.4
Chloroethane	ND	9.7	0.4
Trichlorofluoromethane	ND	4.9	0.3
Acetone	ND	19	3.2
Freon 113	ND	4.9	0.5
1,1-Dichloroethene	ND	4.9	0.6
Methylene Chloride	ND	19	1.0
Carbon Disulfide	ND	4.9	0.6
MTBE	ND	4.9	0.5
trans-1,2-Dichloroethene	ND	4.9	0.7
Vinyl Acetate	ND	49	0.5
1,1-Dichloroethane	ND	4.9	0.7
2-Butanone	ND	9.7	1.3
cis-1,2-Dichloroethene	ND	4.9	0.6
2,2-Dichloropropane	ND	4.9	0.6
Chloroform	ND	4.9	0.7
Bromochloromethane	ND	4.9	0.2
1,1,1-Trichloroethane	ND	4.9	0.6
1,1-Dichloropropene	ND	4.9	0.6
Carbon Tetrachloride	ND	4.9	0.6
1,2-Dichloroethane	ND	4.9	0.6
Benzene	ND	4.9	0.7
Trichloroethene	ND	4.9	0.7
1,2-Dichloropropane	ND	4.9	0.6
Bromodichloromethane	ND	4.9	0.5
Dibromomethane	ND	4.9	0.2
4-Methyl-2-Pentanone	ND	9.7	0.6
cis-1,3-Dichloropropene	ND	4.9	0.4
Toluene	ND	4.9	0.7
trans-1,3-Dichloropropene	ND	4.9	0.4
1,1,2-Trichloroethane	ND	4.9	0.5
2-Hexanone	ND	9.7	0.6
1,3-Dichloropropane	ND	4.9	0.5
Tetrachloroethene	ND	4.9	0.6
Dibromochloromethane	ND	4.9	0.5
1,2-Dibromoethane	ND	4.9	0.5
Chlorobenzene	ND	4.9	0.6
1,1,1,2-Tetrachloroethane	ND	4.9	0.5
Ethylbenzene	ND	4.9	0.7
m,p-Xylenes	ND	4.9	1.3
o-Xylene	ND	4.9	0.6
Styrene	ND	4.9	0.5
Bromoform	ND	4.9	0.5
Isopropylbenzene	ND	4.9	0.6
1,1,2,2-Tetrachloroethane	ND	4.9	0.5
1,2,3-Trichloropropane	ND	4.9	0.6
Propylbenzene	ND	4.9	0.6
Bromobenzene	ND	4.9	0.2
1,3,5-Trimethylbenzene	ND	4.9	0.6
2-Chlorotoluene	ND	4.9	0.7

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-3-5	Dil'n Fac:	0.9747
Lab ID:	282148-006	Batch#:	240161
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/14/16

Analyte	Result	RL	MDL
4-Chlorotoluene	ND	4.9	0.6
tert-Butylbenzene	ND	4.9	0.7
1,2,4-Trimethylbenzene	ND	4.9	0.6
sec-Butylbenzene	ND	4.9	0.6
para-Isopropyl Toluene	ND	4.9	0.6
1,3-Dichlorobenzene	ND	4.9	0.5
1,4-Dichlorobenzene	ND	4.9	0.5
n-Butylbenzene	ND	4.9	0.6
1,2-Dichlorobenzene	ND	4.9	0.5
1,2-Dibromo-3-Chloropropane	ND	4.9	0.8
1,2,4-Trichlorobenzene	ND	4.9	0.2
Hexachlorobutadiene	ND	4.9	0.6
Naphthalene	ND	4.9	1.0
1,2,3-Trichlorobenzene	ND	4.9	0.2

Surrogate	%REC	Limits
Dibromofluoromethane	105	78-134
1,2-Dichloroethane-d4	121	80-138
Toluene-d8	106	80-120
Bromofluorobenzene	112	78-123

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-4-1	Diln Fac:	0.9381
Lab ID:	282148-009	Batch#:	240161
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/14/16

Analyte	Result	RL	MDL
Freon 12	ND	9.4	0.6
Chloromethane	ND	9.4	0.5
Vinyl Chloride	ND	9.4	0.4
Bromomethane	ND	9.4	0.3
Chloroethane	ND	9.4	0.4
Trichlorofluoromethane	ND	4.7	0.3
Acetone	20	19	3.1
Freon 113	ND	4.7	0.5
1,1-Dichloroethene	ND	4.7	0.6
Methylene Chloride	ND	19	1.0
Carbon Disulfide	ND	4.7	0.6
MTBE	ND	4.7	0.5
trans-1,2-Dichloroethene	ND	4.7	0.6
Vinyl Acetate	ND	47	0.5
1,1-Dichloroethane	ND	4.7	0.7
2-Butanone	2.7 J	9.4	1.2
cis-1,2-Dichloroethene	ND	4.7	0.5
2,2-Dichloropropane	ND	4.7	0.6
Chloroform	ND	4.7	0.6
Bromochloromethane	ND	4.7	0.2
1,1,1-Trichloroethane	ND	4.7	0.6
1,1-Dichloropropene	ND	4.7	0.6
Carbon Tetrachloride	ND	4.7	0.6
1,2-Dichloroethane	ND	4.7	0.6
Benzene	ND	4.7	0.7
Trichloroethene	ND	4.7	0.7
1,2-Dichloropropane	ND	4.7	0.5
Bromodichloromethane	ND	4.7	0.5
Dibromomethane	ND	4.7	0.2
4-Methyl-2-Pentanone	ND	9.4	0.6
cis-1,3-Dichloropropene	ND	4.7	0.4
Toluene	ND	4.7	0.7
trans-1,3-Dichloropropene	ND	4.7	0.4
1,1,2-Trichloroethane	ND	4.7	0.5
2-Hexanone	ND	9.4	0.6
1,3-Dichloropropane	ND	4.7	0.5
Tetrachloroethene	ND	4.7	0.6
Dibromochloromethane	ND	4.7	0.5
1,2-Dibromoethane	ND	4.7	0.5
Chlorobenzene	ND	4.7	0.6
1,1,1,2-Tetrachloroethane	ND	4.7	0.5
Ethylbenzene	ND	4.7	0.7
m,p-Xylenes	ND	4.7	1.3
o-Xylene	ND	4.7	0.6
Styrene	ND	4.7	0.5
Bromoform	ND	4.7	0.5
Isopropylbenzene	ND	4.7	0.6
1,1,2,2-Tetrachloroethane	ND	4.7	0.5
1,2,3-Trichloropropane	ND	4.7	0.6
Propylbenzene	ND	4.7	0.6
Bromobenzene	ND	4.7	0.2
1,3,5-Trimethylbenzene	ND	4.7	0.6

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-4-1	Dil'n Fac:	0.9381
Lab ID:	282148-009	Batch#:	240161
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/14/16

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	4.7	0.6
4-Chlorotoluene	ND	4.7	0.6
tert-Butylbenzene	ND	4.7	0.7
1,2,4-Trimethylbenzene	ND	4.7	0.6
sec-Butylbenzene	ND	4.7	0.6
para-Isopropyl Toluene	ND	4.7	0.6
1,3-Dichlorobenzene	ND	4.7	0.5
1,4-Dichlorobenzene	ND	4.7	0.4
n-Butylbenzene	ND	4.7	0.6
1,2-Dichlorobenzene	ND	4.7	0.4
1,2-Dibromo-3-Chloropropane	ND	4.7	0.7
1,2,4-Trichlorobenzene	ND	4.7	0.2
Hexachlorobutadiene	ND	4.7	0.6
Naphthalene	ND	4.7	0.9
1,2,3-Trichlorobenzene	ND	4.7	0.2

Surrogate	%REC	Limits
Dibromofluoromethane	108	78-134
1,2-Dichloroethane-d4	122	80-138
Toluene-d8	105	80-120
Bromofluorobenzene	115	78-123

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-4-5	Diln Fac:	0.9671
Lab ID:	282148-010	Batch#:	240161
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/14/16

Analyte	Result	RL	MDL
Freon 12	ND	9.7	0.6
Chloromethane	ND	9.7	0.5
Vinyl Chloride	ND	9.7	0.4
Bromomethane	ND	9.7	0.3
Chloroethane	ND	9.7	0.4
Trichlorofluoromethane	ND	4.8	0.3
Acetone	ND	19	3.2
Freon 113	ND	4.8	0.5
1,1-Dichloroethene	ND	4.8	0.6
Methylene Chloride	ND	19	1.0
Carbon Disulfide	ND	4.8	0.6
MTBE	ND	4.8	0.5
trans-1,2-Dichloroethene	ND	4.8	0.7
Vinyl Acetate	ND	48	0.5
1,1-Dichloroethane	ND	4.8	0.7
2-Butanone	ND	9.7	1.3
cis-1,2-Dichloroethene	ND	4.8	0.5
2,2-Dichloropropane	ND	4.8	0.6
Chloroform	ND	4.8	0.7
Bromochloromethane	ND	4.8	0.2
1,1,1-Trichloroethane	ND	4.8	0.6
1,1-Dichloropropene	ND	4.8	0.6
Carbon Tetrachloride	ND	4.8	0.6
1,2-Dichloroethane	ND	4.8	0.6
Benzene	ND	4.8	0.7
Trichloroethene	ND	4.8	0.7
1,2-Dichloropropane	ND	4.8	0.6
Bromodichloromethane	ND	4.8	0.5
Dibromomethane	ND	4.8	0.2
4-Methyl-2-Pentanone	ND	9.7	0.6
cis-1,3-Dichloropropene	ND	4.8	0.4
Toluene	ND	4.8	0.7
trans-1,3-Dichloropropene	ND	4.8	0.4
1,1,2-Trichloroethane	ND	4.8	0.5
2-Hexanone	ND	9.7	0.6
1,3-Dichloropropane	ND	4.8	0.5
Tetrachloroethene	ND	4.8	0.6
Dibromochloromethane	ND	4.8	0.5
1,2-Dibromoethane	ND	4.8	0.5
Chlorobenzene	ND	4.8	0.6
1,1,1,2-Tetrachloroethane	ND	4.8	0.5
Ethylbenzene	ND	4.8	0.7
m,p-Xylenes	ND	4.8	1.3
o-Xylene	ND	4.8	0.6
Styrene	ND	4.8	0.5
Bromoform	ND	4.8	0.5
Isopropylbenzene	ND	4.8	0.6
1,1,2,2-Tetrachloroethane	ND	4.8	0.5
1,2,3-Trichloropropane	ND	4.8	0.6
Propylbenzene	ND	4.8	0.6
Bromobenzene	ND	4.8	0.2
1,3,5-Trimethylbenzene	ND	4.8	0.6
2-Chlorotoluene	ND	4.8	0.7

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-4-5	Dil'n Fac:	0.9671
Lab ID:	282148-010	Batch#:	240161
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/14/16

Analyte	Result	RL	MDL
4-Chlorotoluene	ND	4.8	0.6
tert-Butylbenzene	ND	4.8	0.7
1,2,4-Trimethylbenzene	ND	4.8	0.6
sec-Butylbenzene	ND	4.8	0.6
para-Isopropyl Toluene	ND	4.8	0.6
1,3-Dichlorobenzene	ND	4.8	0.5
1,4-Dichlorobenzene	ND	4.8	0.5
n-Butylbenzene	ND	4.8	0.6
1,2-Dichlorobenzene	ND	4.8	0.5
1,2-Dibromo-3-Chloropropane	ND	4.8	0.7
1,2,4-Trichlorobenzene	ND	4.8	0.2
Hexachlorobutadiene	ND	4.8	0.6
Naphthalene	ND	4.8	1.0
1,2,3-Trichlorobenzene	ND	4.8	0.2

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-134
1,2-Dichloroethane-d4	122	80-138
Toluene-d8	105	80-120
Bromofluorobenzene	113	78-123

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	240161
Units:	ug/Kg	Analyzed:	10/14/16
Diln Fac:	1.000		

Type: BS Lab ID: QC855691

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	20.97	84	70-134
Benzene	25.00	24.33	97	80-123
Trichloroethene	25.00	24.46	98	80-128
Toluene	25.00	24.16	97	80-120
Chlorobenzene	25.00	24.11	96	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	99	78-134
1,2-Dichloroethane-d4	105	80-138
Toluene-d8	100	80-120
Bromofluorobenzene	99	78-123

Type: BSD Lab ID: QC855692

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	19.83	79	70-134	6	22
Benzene	25.00	23.56	94	80-123	3	21
Trichloroethene	25.00	23.18	93	80-128	5	23
Toluene	25.00	23.17	93	80-120	4	20
Chlorobenzene	25.00	23.23	93	80-123	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-134
1,2-Dichloroethane-d4	105	80-138
Toluene-d8	101	80-120
Bromofluorobenzene	98	78-123

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Basis:	as received
MSS Lab ID:	282150-001	Batch#:	240161
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16

Type: MS Diln Fac: 0.9881
Lab ID: QC855755 Analyzed: 10/14/16

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5756	49.41	38.97	79	56-133
Benzene	<0.6707	49.41	42.45	86	57-120
Trichloroethene	4.188	49.41	74.46	142	49-145
Toluene	<0.7346	49.41	38.61	78	51-120
Chlorobenzene	<0.6022	49.41	31.58	64	47-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-134
1,2-Dichloroethane-d4	124	80-138
Toluene-d8	105	80-120
Bromofluorobenzene	106	78-123

Type: MSD Diln Fac: 0.9843
Lab ID: QC855756 Analyzed: 10/15/16

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	49.21	42.27	86	56-133	9	46
Benzene	49.21	45.79	93	57-120	8	44
Trichloroethene	49.21	80.87	156 *	49-145	9	46
Toluene	49.21	41.56	84	51-120	8	47
Chlorobenzene	49.21	35.86	73	47-120	13	50

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-134
1,2-Dichloroethane-d4	125	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	101	78-123

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC855794	Batch#:	240161
Matrix:	Soil	Analyzed:	10/14/16
Units:	ug/Kg		

Analyte	Result	RL	MDL
Freon 12	ND	10	0.6
Chloromethane	ND	10	0.5
Vinyl Chloride	ND	10	0.4
Bromomethane	ND	10	0.4
Chloroethane	ND	10	0.4
Trichlorofluoromethane	ND	5.0	0.3
Acetone	ND	20	3.3
Freon 113	ND	5.0	0.5
1,1-Dichloroethene	ND	5.0	0.6
Methylene Chloride	ND	20	1.1
Carbon Disulfide	ND	5.0	0.7
MTBE	ND	5.0	0.5
trans-1,2-Dichloroethene	ND	5.0	0.7
Vinyl Acetate	ND	50	0.5
1,1-Dichloroethane	ND	5.0	0.8
2-Butanone	ND	10	1.3
cis-1,2-Dichloroethene	ND	5.0	0.6
2,2-Dichloropropane	ND	5.0	0.6
Chloroform	ND	5.0	0.7
Bromochloromethane	ND	5.0	0.3
1,1,1-Trichloroethane	ND	5.0	0.7
1,1-Dichloropropene	ND	5.0	0.7
Carbon Tetrachloride	ND	5.0	0.6
1,2-Dichloroethane	ND	5.0	0.6
Benzene	ND	5.0	0.7
Trichloroethene	ND	5.0	0.7
1,2-Dichloropropane	ND	5.0	0.6
Bromodichloromethane	ND	5.0	0.5
Dibromomethane	ND	5.0	0.3
4-Methyl-2-Pentanone	ND	10	0.6
cis-1,3-Dichloropropene	ND	5.0	0.4
Toluene	ND	5.0	0.8
trans-1,3-Dichloropropene	ND	5.0	0.4
1,1,2-Trichloroethane	ND	5.0	0.5
2-Hexanone	ND	10	0.6
1,3-Dichloropropane	ND	5.0	0.5
Tetrachloroethene	ND	5.0	0.6
Dibromochloromethane	ND	5.0	0.5
1,2-Dibromoethane	ND	5.0	0.5
Chlorobenzene	ND	5.0	0.6
1,1,1,2-Tetrachloroethane	ND	5.0	0.5
Ethylbenzene	ND	5.0	0.7
m,p-Xylenes	ND	5.0	1.4
o-Xylene	ND	5.0	0.6
Styrene	ND	5.0	0.5
Bromoform	ND	5.0	0.5
Isopropylbenzene	ND	5.0	0.6
1,1,2,2-Tetrachloroethane	ND	5.0	0.5
1,2,3-Trichloropropane	ND	5.0	0.6
Propylbenzene	ND	5.0	0.7
Bromobenzene	ND	5.0	0.2
1,3,5-Trimethylbenzene	ND	5.0	0.6
2-Chlorotoluene	ND	5.0	0.7

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855794	Batch#:	240161
Matrix:	Soil	Analyzed:	10/14/16
Units:	ug/Kg		

Analyte	Result	RL	MDL
4-Chlorotoluene	ND	5.0	0.6
tert-Butylbenzene	ND	5.0	0.7
1,2,4-Trimethylbenzene	ND	5.0	0.6
sec-Butylbenzene	ND	5.0	0.6
para-Isopropyl Toluene	ND	5.0	0.6
1,3-Dichlorobenzene	ND	5.0	0.5
1,4-Dichlorobenzene	ND	5.0	0.5
n-Butylbenzene	ND	5.0	0.6
1,2-Dichlorobenzene	ND	5.0	0.5
1,2-Dibromo-3-Chloropropane	ND	5.0	0.8
1,2,4-Trichlorobenzene	ND	5.0	0.3
Hexachlorobutadiene	ND	5.0	0.6
Naphthalene	ND	5.0	1.0
1,2,3-Trichlorobenzene	ND	5.0	0.3

Surrogate	%REC	Limits
Dibromofluoromethane	104	78-134
1,2-Dichloroethane-d4	115	80-138
Toluene-d8	105	80-120
Bromofluorobenzene	110	78-123

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	240202
Units:	ug/Kg	Analyzed:	10/16/16
Diln Fac:	1.000		

Type: BS Lab ID: QC855847

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	25.03	100	70-134
Benzene	25.00	25.88	104	80-123
Trichloroethene	25.00	25.04	100	80-128
Toluene	25.00	25.79	103	80-120
Chlorobenzene	25.00	24.23	97	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-134
1,2-Dichloroethane-d4	111	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	102	78-123

Type: BSD Lab ID: QC855848

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	24.52	98	70-134	2	22
Benzene	25.00	26.09	104	80-123	1	21
Trichloroethene	25.00	24.97	100	80-128	0	23
Toluene	25.00	25.59	102	80-120	1	20
Chlorobenzene	25.00	24.17	97	80-123	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-134
1,2-Dichloroethane-d4	111	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	104	78-123

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC855849	Batch#:	240202
Matrix:	Soil	Analyzed:	10/16/16
Units:	ug/Kg		

Analyte	Result	RL	MDL
Freon 12	ND	10	0.6
Chloromethane	ND	10	0.5
Vinyl Chloride	ND	10	0.4
Bromomethane	ND	10	0.4
Chloroethane	ND	10	0.4
Trichlorofluoromethane	ND	5.0	0.3
Acetone	ND	20	3.3
Freon 113	ND	5.0	0.5
1,1-Dichloroethene	ND	5.0	0.6
Methylene Chloride	ND	20	1.1
Carbon Disulfide	ND	5.0	0.7
MTBE	ND	5.0	0.5
trans-1,2-Dichloroethene	ND	5.0	0.7
Vinyl Acetate	ND	50	0.5
1,1-Dichloroethane	ND	5.0	0.8
2-Butanone	ND	10	1.3
cis-1,2-Dichloroethene	ND	5.0	0.6
2,2-Dichloropropane	ND	5.0	0.6
Chloroform	ND	5.0	0.7
Bromochloromethane	ND	5.0	0.3
1,1,1-Trichloroethane	ND	5.0	0.7
1,1-Dichloropropene	ND	5.0	0.7
Carbon Tetrachloride	ND	5.0	0.6
1,2-Dichloroethane	ND	5.0	0.6
Benzene	ND	5.0	0.7
Trichloroethene	ND	5.0	0.7
1,2-Dichloropropane	ND	5.0	0.6
Bromodichloromethane	ND	5.0	0.5
Dibromomethane	ND	5.0	0.3
4-Methyl-2-Pentanone	ND	10	0.6
cis-1,3-Dichloropropene	ND	5.0	0.4
Toluene	ND	5.0	0.8
trans-1,3-Dichloropropene	ND	5.0	0.4
1,1,2-Trichloroethane	ND	5.0	0.5
2-Hexanone	ND	10	0.6
1,3-Dichloropropane	ND	5.0	0.5
Tetrachloroethene	ND	5.0	0.6
Dibromochloromethane	ND	5.0	0.5
1,2-Dibromoethane	ND	5.0	0.5
Chlorobenzene	ND	5.0	0.6
1,1,1,2-Tetrachloroethane	ND	5.0	0.5
Ethylbenzene	ND	5.0	0.7
m,p-Xylenes	ND	5.0	1.4
o-Xylene	ND	5.0	0.6
Styrene	ND	5.0	0.5
Bromoform	ND	5.0	0.5
Isopropylbenzene	ND	5.0	0.6
1,1,2,2-Tetrachloroethane	ND	5.0	0.5
1,2,3-Trichloropropane	ND	5.0	0.6
Propylbenzene	ND	5.0	0.7
Bromobenzene	ND	5.0	0.2
1,3,5-Trimethylbenzene	ND	5.0	0.6
2-Chlorotoluene	ND	5.0	0.7

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855849	Batch#:	240202
Matrix:	Soil	Analyzed:	10/16/16
Units:	ug/Kg		

Analyte	Result	RL	MDL
4-Chlorotoluene	ND	5.0	0.6
tert-Butylbenzene	ND	5.0	0.7
1,2,4-Trimethylbenzene	ND	5.0	0.6
sec-Butylbenzene	ND	5.0	0.6
para-Isopropyl Toluene	ND	5.0	0.6
1,3-Dichlorobenzene	ND	5.0	0.5
1,4-Dichlorobenzene	ND	5.0	0.5
n-Butylbenzene	ND	5.0	0.6
1,2-Dichlorobenzene	ND	5.0	0.5
1,2-Dibromo-3-Chloropropane	ND	5.0	0.8
1,2,4-Trichlorobenzene	ND	5.0	0.3
Hexachlorobutadiene	ND	5.0	0.6
Naphthalene	ND	5.0	1.0
1,2,3-Trichlorobenzene	ND	5.0	0.3

Surrogate	%REC	Limits
Dibromofluoromethane	99	78-134
1,2-Dichloroethane-d4	111	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	110	78-123

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	240202
MSS Lab ID:	282183-003	Sampled:	10/14/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Analyzed:	10/16/16
Basis:	as received		

Type: MS Diln Fac: 0.9940
Lab ID: QC855855

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5916	49.70	50.05	101	56-133
Benzene	<0.6892	49.70	53.52	108	57-120
Trichloroethene	<0.7179	49.70	51.00	103	49-145
Toluene	<0.7549	49.70	51.18	103	51-120
Chlorobenzene	<0.6189	49.70	48.53	98	47-120

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-134
1,2-Dichloroethane-d4	119	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	93	78-123

Type: MSD Diln Fac: 0.9747
Lab ID: QC855856

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.73	44.24	91	56-133	10	46
Benzene	48.73	47.36	97	57-120	10	44
Trichloroethene	48.73	44.66	92	49-145	11	46
Toluene	48.73	44.77	92	51-120	11	47
Chlorobenzene	48.73	41.91	86	47-120	13	50

Surrogate	%REC	Limits
Dibromofluoromethane	104	78-134
1,2-Dichloroethane-d4	120	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	94	78-123

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-1-GW	Batch#:	240351
Lab ID:	282148-013	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Prepared:	10/20/16
Diln Fac:	1.000	Analyzed:	10/21/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	9.4	2.2
Phenol	ND	9.4	1.6
bis(2-Chloroethyl)ether	ND	9.4	1.5
2-Chlorophenol	ND	9.4	1.5
1,3-Dichlorobenzene	ND	9.4	1.5
1,4-Dichlorobenzene	ND	9.4	1.6
Benzyl alcohol	ND	9.4	1.4
1,2-Dichlorobenzene	ND	9.4	1.6
2-Methylphenol	ND	9.4	1.4
bis(2-Chloroisopropyl) ether	ND	9.4	2.6
4-Methylphenol	ND	9.4	1.4
N-Nitroso-di-n-propylamine	ND	9.4	1.9
Hexachloroethane	ND	9.4	1.6
Nitrobenzene	ND	9.4	1.5
Isophorone	ND	9.4	1.8
2-Nitrophenol	ND	19	2.4
2,4-Dimethylphenol	ND	9.4	1.2
Benzoic acid	ND	47	9.6
bis(2-Chloroethoxy)methane	ND	9.4	1.2
2,4-Dichlorophenol	ND	9.4	1.3
1,2,4-Trichlorobenzene	ND	9.4	1.3
Naphthalene	ND	9.4	1.4
4-Chloroaniline	ND	9.4	1.2
Hexachlorobutadiene	ND	9.4	1.3
4-Chloro-3-methylphenol	ND	9.4	1.3
2-Methylnaphthalene	ND	9.4	1.4
Hexachlorocyclopentadiene	ND	19	4.7
2,4,6-Trichlorophenol	ND	9.4	0.93
2,4,5-Trichlorophenol	ND	9.4	0.89
2-Chloronaphthalene	ND	9.4	1.5
2-Nitroaniline	ND	19	1.7
Dimethylphthalate	ND	9.4	1.5
Acenaphthylene	ND	9.4	1.4
2,6-Dinitrotoluene	ND	9.4	1.3
3-Nitroaniline	ND	19	0.98
Acenaphthene	ND	9.4	1.3
2,4-Dinitrophenol	ND	19	2.0
4-Nitrophenol	ND	19	1.1
Dibenzofuran	ND	9.4	1.4
2,4-Dinitrotoluene	ND	9.4	1.4
Diethylphthalate	ND	9.4	1.5
Fluorene	ND	9.4	1.5
4-Chlorophenyl-phenylether	ND	9.4	1.3
4-Nitroaniline	ND	19	1.1
4,6-Dinitro-2-methylphenol	ND	19	1.6
N-Nitrosodiphenylamine	ND	9.4	1.2
Azobenzene	ND	9.4	1.5
4-Bromophenyl-phenylether	ND	9.4	1.1
Hexachlorobenzene	ND	9.4	1.2
Pentachlorophenol	ND	19	1.2
Phenanthrene	ND	9.4	1.2
Anthracene	ND	9.4	1.3

*= Value outside of QC limits; see narrative
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-1-GW	Batch#:	240351
Lab ID:	282148-013	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Prepared:	10/20/16
Diln Fac:	1.000	Analyzed:	10/21/16

Analyte	Result	RL	MDL
Di-n-butylphthalate	ND	9.4	1.1
Fluoranthene	ND	9.4	1.5
Pyrene	ND	9.4	1.2
Butylbenzylphthalate	ND	9.4	1.3
3,3'-Dichlorobenzidine	ND	19	0.59
Benzo(a)anthracene	ND	9.4	1.3
Chrysene	ND	9.4	1.3
bis(2-Ethylhexyl)phthalate	ND	9.4	1.6
Di-n-octylphthalate	ND	9.4	1.2
Benzo(b)fluoranthene	ND	9.4	1.3
Benzo(k)fluoranthene	ND	9.4	1.4
Benzo(a)pyrene	ND	9.4	1.1
Indeno(1,2,3-cd)pyrene	ND	9.4	1.4
Dibenz(a,h)anthracene	ND	9.4	1.3
Benzo(g,h,i)perylene	ND	9.4	1.4

Surrogate	%REC	Limits
2-Fluorophenol	88	38-120
Phenol-d5	85	38-120
2,4,6-Tribromophenol	89	46-120
Nitrobenzene-d5	79	51-120
2-Fluorobiphenyl	71	54-120
Terphenyl-d14	15 *	21-120

*= Value outside of QC limits; see narrative
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-3-GW	Batch#:	240250
Lab ID:	282148-014	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Prepared:	10/18/16
Diln Fac:	1.000	Analyzed:	10/20/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	9.4	2.2
Phenol	ND	9.4	1.6
bis(2-Chloroethyl)ether	ND	9.4	1.5
2-Chlorophenol	ND	9.4	1.5
1,3-Dichlorobenzene	ND	9.4	1.5
1,4-Dichlorobenzene	ND	9.4	1.6
Benzyl alcohol	ND	9.4	1.4
1,2-Dichlorobenzene	ND	9.4	1.6
2-Methylphenol	ND	9.4	1.4
bis(2-Chloroisopropyl) ether	ND	9.4	2.6
4-Methylphenol	ND	9.4	1.4
N-Nitroso-di-n-propylamine	ND	9.4	1.9
Hexachloroethane	ND	9.4	1.6
Nitrobenzene	ND	9.4	1.5
Isophorone	ND	9.4	1.8
2-Nitrophenol	ND	19	2.4
2,4-Dimethylphenol	ND	9.4	1.2
Benzoic acid	ND	47	9.6
bis(2-Chloroethoxy)methane	ND	9.4	1.2
2,4-Dichlorophenol	ND	9.4	1.3
1,2,4-Trichlorobenzene	ND	9.4	1.3
Naphthalene	ND	9.4	1.4
4-Chloroaniline	ND	9.4	1.2
Hexachlorobutadiene	ND	9.4	1.3
4-Chloro-3-methylphenol	ND	9.4	1.3
2-Methylnaphthalene	ND	9.4	1.4
Hexachlorocyclopentadiene	ND	19	4.7
2,4,6-Trichlorophenol	ND	9.4	0.93
2,4,5-Trichlorophenol	ND	9.4	0.89
2-Chloronaphthalene	ND	9.4	1.5
2-Nitroaniline	ND	19	1.7
Dimethylphthalate	ND	9.4	1.5
Acenaphthylene	ND	9.4	1.4
2,6-Dinitrotoluene	ND	9.4	1.3
3-Nitroaniline	ND	19	0.98
Acenaphthene	ND	9.4	1.3
2,4-Dinitrophenol	ND	19	2.0
4-Nitrophenol	ND	19	1.1
Dibenzofuran	ND	9.4	1.4
2,4-Dinitrotoluene	ND	9.4	1.4
Diethylphthalate	ND	9.4	1.5
Fluorene	ND	9.4	1.5
4-Chlorophenyl-phenylether	ND	9.4	1.3
4-Nitroaniline	ND	19	1.1
4,6-Dinitro-2-methylphenol	ND	19	1.6
N-Nitrosodiphenylamine	ND	9.4	1.2
Azobenzene	ND	9.4	1.5
4-Bromophenyl-phenylether	ND	9.4	1.1
Hexachlorobenzene	ND	9.4	1.2
Pentachlorophenol	ND	19	1.2
Phenanthrene	ND	9.4	1.2
Anthracene	ND	9.4	1.3
Di-n-butylphthalate	ND	9.4	1.1

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-3-GW	Batch#:	240250
Lab ID:	282148-014	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Prepared:	10/18/16
Diln Fac:	1.000	Analyzed:	10/20/16

Analyte	Result	RL	MDL
Fluoranthene	ND	9.4	1.5
Pyrene	ND	9.4	1.2
Butylbenzylphthalate	ND	9.4	1.3
3,3'-Dichlorobenzidine	ND	19	0.59
Benzo(a)anthracene	ND	9.4	1.3
Chrysene	ND	9.4	1.3
bis(2-Ethylhexyl)phthalate	ND	9.4	1.6
Di-n-octylphthalate	ND	9.4	1.2
Benzo(b)fluoranthene	ND	9.4	1.3
Benzo(k)fluoranthene	ND	9.4	1.4
Benzo(a)pyrene	ND	9.4	1.1
Indeno(1,2,3-cd)pyrene	ND	9.4	1.4
Dibenz(a,h)anthracene	ND	9.4	1.3
Benzo(g,h,i)perylene	ND	9.4	1.4

Surrogate	%REC	Limits
2-Fluorophenol	79	38-120
Phenol-d5	76	38-120
2,4,6-Tribromophenol	105	46-120
Nitrobenzene-d5	76	51-120
2-Fluorobiphenyl	83	54-120
Terphenyl-d14	23	21-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-4-GW	Batch#:	240250
Lab ID:	282148-015	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Prepared:	10/18/16
Diln Fac:	1.000	Analyzed:	10/19/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	9.4	1.4
Phenol	ND	9.4	0.96
bis(2-Chloroethyl)ether	ND	9.4	1.1
2-Chlorophenol	ND	9.4	0.77
1,3-Dichlorobenzene	ND	9.4	0.97
1,4-Dichlorobenzene	ND	9.4	0.99
Benzyl alcohol	ND	9.4	1.0
1,2-Dichlorobenzene	ND	9.4	2.0
2-Methylphenol	ND	9.4	2.0
bis(2-Chloroisopropyl) ether	ND	9.4	1.4
4-Methylphenol	ND	9.4	1.6
N-Nitroso-di-n-propylamine	ND	9.4	1.1
Hexachloroethane	ND	9.4	1.0
Nitrobenzene	ND	9.4	1.2
Isophorone	ND	9.4	1.2
2-Nitrophenol	ND	19	2.5
2,4-Dimethylphenol	ND	9.4	2.3
Benzoic acid	ND	47	15
bis(2-Chloroethoxy)methane	ND	9.4	1.0
2,4-Dichlorophenol	ND	9.4	2.0
1,2,4-Trichlorobenzene	ND	9.4	2.1
Naphthalene	ND	9.4	1.8
4-Chloroaniline	ND	9.4	1.9
Hexachlorobutadiene	ND	9.4	2.3
4-Chloro-3-methylphenol	ND	9.4	0.99
2-Methylnaphthalene	ND	9.4	1.7
Hexachlorocyclopentadiene	ND	19	4.7
2,4,6-Trichlorophenol	ND	9.4	0.86
2,4,5-Trichlorophenol	ND	9.4	0.80
2-Chloronaphthalene	ND	9.4	1.7
2-Nitroaniline	ND	19	1.1
Dimethylphthalate	ND	9.4	1.9
Acenaphthylene	ND	9.4	1.6
2,6-Dinitrotoluene	ND	9.4	1.7
3-Nitroaniline	ND	19	1.8
Acenaphthene	ND	9.4	1.7
2,4-Dinitrophenol	ND	19	4.7
4-Nitrophenol	ND	19	4.7
Dibenzofuran	ND	9.4	1.8
2,4-Dinitrotoluene	ND	9.4	2.0
Diethylphthalate	ND	9.4	0.96
Fluorene	ND	9.4	1.7
4-Chlorophenyl-phenylether	ND	9.4	1.5
4-Nitroaniline	ND	19	2.3
4,6-Dinitro-2-methylphenol	ND	19	3.8
N-Nitrosodiphenylamine	ND	9.4	1.6
Azobenzene	ND	9.4	1.1
4-Bromophenyl-phenylether	ND	9.4	1.9
Hexachlorobenzene	ND	9.4	1.9
Pentachlorophenol	ND	19	1.8
Phenanthrene	ND	9.4	1.8
Anthracene	ND	9.4	1.7
Di-n-butylphthalate	ND	9.4	1.1

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-4-GW	Batch#:	240250
Lab ID:	282148-015	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L	Prepared:	10/18/16
Diln Fac:	1.000	Analyzed:	10/19/16

Analyte	Result	RL	MDL
Fluoranthene	ND	9.4	1.8
Pyrene	ND	9.4	1.6
Butylbenzylphthalate	ND	9.4	0.95
3,3'-Dichlorobenzidine	ND	19	0.99
Benzo(a)anthracene	ND	9.4	1.5
Chrysene	ND	9.4	1.6
bis(2-Ethylhexyl)phthalate	ND	9.4	1.7
Di-n-octylphthalate	ND	9.4	1.7
Benzo(b)fluoranthene	ND	9.4	1.6
Benzo(k)fluoranthene	ND	9.4	1.8
Benzo(a)pyrene	ND	9.4	1.5
Indeno(1,2,3-cd)pyrene	ND	9.4	1.7
Dibenz(a,h)anthracene	ND	9.4	1.7
Benzo(g,h,i)perylene	ND	9.4	1.8

Surrogate	%REC	Limits
2-Fluorophenol	77	38-120
Phenol-d5	75	38-120
2,4,6-Tribromophenol	71	46-120
Nitrobenzene-d5	68	51-120
2-Fluorobiphenyl	70	54-120
Terphenyl-d14	38	21-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856055	Batch#:	240250
Matrix:	Water	Prepared:	10/17/16
Units:	ug/L	Analyzed:	10/18/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	10	0.76
Phenol	ND	10	0.98
bis(2-Chloroethyl)ether	ND	10	1.8
2-Chlorophenol	ND	10	1.0
1,3-Dichlorobenzene	ND	10	0.67
1,4-Dichlorobenzene	ND	10	0.65
Benzyl alcohol	ND	10	0.59
1,2-Dichlorobenzene	ND	10	0.69
2-Methylphenol	ND	10	0.63
bis(2-Chloroisopropyl) ether	ND	10	0.81
4-Methylphenol	ND	10	0.60
N-Nitroso-di-n-propylamine	ND	10	0.84
Hexachloroethane	ND	10	0.69
Nitrobenzene	ND	10	0.60
Isophorone	ND	10	0.67
2-Nitrophenol	ND	20	3.1
2,4-Dimethylphenol	ND	10	0.69
Benzoic acid	ND	50	15
bis(2-Chloroethoxy)methane	ND	10	0.56
2,4-Dichlorophenol	ND	10	0.73
1,2,4-Trichlorobenzene	ND	10	0.61
Naphthalene	ND	10	0.58
4-Chloroaniline	ND	10	0.65
Hexachlorobutadiene	ND	10	1.0
4-Chloro-3-methylphenol	ND	10	0.82
2-Methylnaphthalene	ND	10	0.70
Hexachlorocyclopentadiene	ND	20	6.7
2,4,6-Trichlorophenol	ND	10	1.1
2,4,5-Trichlorophenol	ND	10	1.1
2-Chloronaphthalene	ND	10	0.70
2-Nitroaniline	ND	20	2.6
Dimethylphthalate	ND	10	0.66
Acenaphthylene	ND	10	0.58
2,6-Dinitrotoluene	ND	10	0.67
3-Nitroaniline	ND	20	0.84
Acenaphthene	ND	10	0.70
2,4-Dinitrophenol	ND	20	6.7
4-Nitrophenol	ND	20	2.0
Dibenzofuran	ND	10	0.57
2,4-Dinitrotoluene	ND	10	0.65
Diethylphthalate	ND	10	0.68
Fluorene	ND	10	0.57
4-Chlorophenyl-phenylether	ND	10	1.0
4-Nitroaniline	ND	20	3.3
4,6-Dinitro-2-methylphenol	ND	20	2.5
N-Nitrosodiphenylamine	ND	10	1.9
Azobenzene	ND	10	0.65
4-Bromophenyl-phenylether	ND	10	1.0
Hexachlorobenzene	ND	10	0.68
Pentachlorophenol	ND	20	2.0
Phenanthrene	ND	10	0.71
Anthracene	ND	10	0.62
Di-n-butylphthalate	ND	10	1.4

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856055	Batch#:	240250
Matrix:	Water	Prepared:	10/17/16
Units:	ug/L	Analyzed:	10/18/16

Analyte	Result	RL	MDL
Fluoranthene	ND	10	0.77
Pyrene	ND	10	0.74
Butylbenzylphthalate	ND	10	0.82
3,3'-Dichlorobenzidine	ND	20	2.5
Benzo(a)anthracene	ND	10	0.75
Chrysene	ND	10	0.70
bis(2-Ethylhexyl)phthalate	ND	10	1.6
Di-n-octylphthalate	ND	10	0.63
Benzo(b)fluoranthene	ND	10	0.71
Benzo(k)fluoranthene	ND	10	0.66
Benzo(a)pyrene	ND	10	0.57
Indeno(1,2,3-cd)pyrene	ND	10	0.77
Dibenz(a,h)anthracene	ND	10	0.79
Benzo(g,h,i)perylene	ND	10	0.87

Surrogate	%REC	Limits
2-Fluorophenol	77	38-120
Phenol-d5	76	38-120
2,4,6-Tribromophenol	75	46-120
Nitrobenzene-d5	82	51-120
2-Fluorobiphenyl	77	54-120
Terphenyl-d14	63	21-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Matrix:	Water	Batch#:	240250
Units:	ug/L	Prepared:	10/17/16
Diln Fac:	1.000	Analyzed:	10/18/16

Type: BS Lab ID: QC856056

Analyte	Spiked	Result	%REC	Limits
Phenol	80.00	67.96	85	46-120
2-Chlorophenol	80.00	68.27	85	48-120
1,4-Dichlorobenzene	80.00	52.64	66	52-120
N-Nitroso-di-n-propylamine	80.00	70.42	88	46-120
1,2,4-Trichlorobenzene	80.00	51.96	65	53-120
4-Chloro-3-methylphenol	80.00	61.10	76	40-120
Acenaphthene	30.00	26.83	89	61-120
4-Nitrophenol	80.00	45.38	57	40-120
2,4-Dinitrotoluene	80.00	68.47	86	64-120
Pentachlorophenol	80.00	63.43	79	47-120
Pyrene	30.00	30.45	101	62-120

Surrogate	%REC	Limits
2-Fluorophenol	80	38-120
Phenol-d5	84	38-120
2,4,6-Tribromophenol	78	46-120
Nitrobenzene-d5	73	51-120
2-Fluorobiphenyl	83	54-120
Terphenyl-d14	93	21-120

Type: BSD Lab ID: QC856057

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	80.00	56.65	71	46-120	18	55
2-Chlorophenol	80.00	57.47	72	48-120	17	54
1,4-Dichlorobenzene	80.00	44.20	55	52-120	17	30
N-Nitroso-di-n-propylamine	80.00	59.70	75	46-120	16	25
1,2,4-Trichlorobenzene	80.00	44.09	55	53-120	16	26
4-Chloro-3-methylphenol	80.00	53.36	67	40-120	14	54
Acenaphthene	30.00	23.35	78	61-120	14	25
4-Nitrophenol	80.00	39.16	49	40-120	15	45
2,4-Dinitrotoluene	80.00	60.66	76	64-120	12	32
Pentachlorophenol	80.00	54.90	69	47-120	14	48
Pyrene	30.00	26.80	89	62-120	13	26

Surrogate	%REC	Limits
2-Fluorophenol	68	38-120
Phenol-d5	71	38-120
2,4,6-Tribromophenol	69	46-120
Nitrobenzene-d5	62	51-120
2-Fluorobiphenyl	72	54-120
Terphenyl-d14	83	21-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856468	Batch#:	240351
Matrix:	Water	Prepared:	10/19/16
Units:	ug/L	Analyzed:	10/20/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	10	2.3
Phenol	ND	10	1.7
bis(2-Chloroethyl)ether	ND	10	1.6
2-Chlorophenol	ND	10	1.6
1,3-Dichlorobenzene	ND	10	1.6
1,4-Dichlorobenzene	ND	10	1.6
Benzyl alcohol	ND	10	1.5
1,2-Dichlorobenzene	ND	10	1.7
2-Methylphenol	ND	10	1.5
bis(2-Chloroisopropyl) ether	ND	10	2.7
4-Methylphenol	ND	10	1.5
N-Nitroso-di-n-propylamine	ND	10	2.0
Hexachloroethane	ND	10	1.7
Nitrobenzene	ND	10	1.6
Isophorone	ND	10	1.9
2-Nitrophenol	ND	20	2.6
2,4-Dimethylphenol	ND	10	1.3
Benzoic acid	ND	50	10
bis(2-Chloroethoxy)methane	ND	10	1.2
2,4-Dichlorophenol	ND	10	1.3
1,2,4-Trichlorobenzene	ND	10	1.4
Naphthalene	ND	10	1.4
4-Chloroaniline	ND	10	1.3
Hexachlorobutadiene	ND	10	1.3
4-Chloro-3-methylphenol	ND	10	1.4
2-Methylnaphthalene	ND	10	1.5
Hexachlorocyclopentadiene	ND	20	5.0
2,4,6-Trichlorophenol	ND	10	0.98
2,4,5-Trichlorophenol	ND	10	0.94
2-Chloronaphthalene	ND	10	1.5
2-Nitroaniline	ND	20	1.8
Dimethylphthalate	ND	10	1.5
Acenaphthylene	ND	10	1.5
2,6-Dinitrotoluene	ND	10	1.4
3-Nitroaniline	ND	20	1.0
Acenaphthene	ND	10	1.4
2,4-Dinitrophenol	ND	20	2.1
4-Nitrophenol	ND	20	1.2
Dibenzofuran	ND	10	1.5
2,4-Dinitrotoluene	ND	10	1.5
Diethylphthalate	ND	10	1.6
Fluorene	ND	10	1.5
4-Chlorophenyl-phenylether	ND	10	1.4
4-Nitroaniline	ND	20	1.2
4,6-Dinitro-2-methylphenol	ND	20	1.7
N-Nitrosodiphenylamine	ND	10	1.2
Azobenzene	ND	10	1.6
4-Bromophenyl-phenylether	ND	10	1.2
Hexachlorobenzene	ND	10	1.2
Pentachlorophenol	ND	20	1.3
Phenanthrene	ND	10	1.3
Anthracene	ND	10	1.3
Di-n-butylphthalate	ND	10	1.2

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856468	Batch#:	240351
Matrix:	Water	Prepared:	10/19/16
Units:	ug/L	Analyzed:	10/20/16

Analyte	Result	RL	MDL
Fluoranthene	ND	10	1.6
Pyrene	ND	10	1.3
Butylbenzylphthalate	ND	10	1.4
3,3'-Dichlorobenzidine	ND	20	0.63
Benzo(a)anthracene	ND	10	1.3
Chrysene	ND	10	1.4
bis(2-Ethylhexyl)phthalate	ND	10	1.7
Di-n-octylphthalate	ND	10	1.3
Benzo(b)fluoranthene	ND	10	1.4
Benzo(k)fluoranthene	ND	10	1.5
Benzo(a)pyrene	ND	10	1.1
Indeno(1,2,3-cd)pyrene	ND	10	1.4
Dibenz(a,h)anthracene	ND	10	1.4
Benzo(g,h,i)perylene	ND	10	1.5

Surrogate	%REC	Limits
2-Fluorophenol	79	38-120
Phenol-d5	77	38-120
2,4,6-Tribromophenol	96	46-120
Nitrobenzene-d5	76	51-120
2-Fluorobiphenyl	88	54-120
Terphenyl-d14	84	21-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Matrix:	Water	Batch#:	240351
Units:	ug/L	Prepared:	10/19/16
Diln Fac:	2.000	Analyzed:	10/20/16

Type: BS Lab ID: QC856469

Analyte	Spiked	Result	%REC	Limits
Phenol	80.00	57.29	72	46-120
2-Chlorophenol	80.00	62.34	78	48-120
1,4-Dichlorobenzene	80.00	61.34	77	52-120
N-Nitroso-di-n-propylamine	80.00	43.54	54	46-120
1,2,4-Trichlorobenzene	80.00	67.36	84	53-120
4-Chloro-3-methylphenol	80.00	65.11	81	40-120
Acenaphthene	30.00	22.94	76	61-120
4-Nitrophenol	80.00	52.91	66	40-120
2,4-Dinitrotoluene	80.00	70.04	88	64-120
Pentachlorophenol	80.00	60.24	75	47-120
Pyrene	30.00	25.57	85	62-120

Surrogate	%REC	Limits
2-Fluorophenol	72	38-120
Phenol-d5	74	38-120
2,4,6-Tribromophenol	93	46-120
Nitrobenzene-d5	70	51-120
2-Fluorobiphenyl	85	54-120
Terphenyl-d14	85	21-120

Type: BSD Lab ID: QC856470

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	80.00	61.34	77	46-120	7	55
2-Chlorophenol	80.00	67.55	84	48-120	8	54
1,4-Dichlorobenzene	80.00	65.22	82	52-120	6	30
N-Nitroso-di-n-propylamine	80.00	47.84	60	46-120	9	25
1,2,4-Trichlorobenzene	80.00	71.64	90	53-120	6	26
4-Chloro-3-methylphenol	80.00	71.03	89	40-120	9	54
Acenaphthene	30.00	25.41	85	61-120	10	25
4-Nitrophenol	80.00	58.40	73	40-120	10	45
2,4-Dinitrotoluene	80.00	76.40	96	64-120	9	32
Pentachlorophenol	80.00	66.47	83	47-120	10	48
Pyrene	30.00	28.53	95	62-120	11	26

Surrogate	%REC	Limits
2-Fluorophenol	74	38-120
Phenol-d5	78	38-120
2,4,6-Tribromophenol	103	46-120
Nitrobenzene-d5	75	51-120
2-Fluorobiphenyl	92	54-120
Terphenyl-d14	96	21-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-1-1	Batch#:	240222
Lab ID:	282148-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/18/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	33,000	3,300
Phenol	ND	33,000	1,700
bis(2-Chloroethyl)ether	ND	33,000	1,200
2-Chlorophenol	ND	33,000	1,600
1,3-Dichlorobenzene	ND	33,000	1,200
1,4-Dichlorobenzene	ND	33,000	1,000
Benzyl alcohol	ND	33,000	1,500
1,2-Dichlorobenzene	ND	33,000	940
2-Methylphenol	ND	33,000	1,500
bis(2-Chloroisopropyl) ether	ND	33,000	1,800
4-Methylphenol	ND	33,000	1,700
N-Nitroso-di-n-propylamine	ND	33,000	3,300
Hexachloroethane	ND	33,000	1,200
Nitrobenzene	ND	33,000	1,200
Isophorone	ND	33,000	1,100
2-Nitrophenol	ND	66,000	1,000
2,4-Dimethylphenol	ND	33,000	1,400
Benzoic acid	ND	170,000	50,000
bis(2-Chloroethoxy)methane	ND	33,000	1,100
2,4-Dichlorophenol	ND	33,000	1,300
1,2,4-Trichlorobenzene	ND	33,000	960
Naphthalene	ND	6,600	870
4-Chloroaniline	ND	33,000	3,300
Hexachlorobutadiene	ND	33,000	6,000
4-Chloro-3-methylphenol	ND	33,000	1,500
2-Methylnaphthalene	ND	6,600	980
Hexachlorocyclopentadiene	ND	66,000	6,000
2,4,6-Trichlorophenol	ND	33,000	1,400
2,4,5-Trichlorophenol	ND	33,000	870
2-Chloronaphthalene	ND	33,000	5,500
2-Nitroaniline	ND	66,000	3,300
Dimethylphthalate	ND	33,000	930
Acenaphthylene	ND	6,600	850
2,6-Dinitrotoluene	ND	33,000	870
3-Nitroaniline	ND	66,000	3,300
Acenaphthene	ND	6,600	1,200
2,4-Dinitrophenol	ND	66,000	16,000
4-Nitrophenol	ND	66,000	6,800
Dibenzofuran	ND	33,000	870
2,4-Dinitrotoluene	ND	33,000	960
Diethylphthalate	ND	33,000	840
Fluorene	ND	6,600	880
4-Chlorophenyl-phenylether	ND	33,000	970
4-Nitroaniline	ND	66,000	3,300
4,6-Dinitro-2-methylphenol	ND	66,000	4,200
N-Nitrosodiphenylamine	ND	33,000	5,500
Azobenzene	ND	33,000	1,200
4-Bromophenyl-phenylether	ND	33,000	5,800
Hexachlorobenzene	ND	33,000	1,200
Pentachlorophenol	ND	66,000	15,000
Phenanthrene	ND	6,600	950

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-1-1	Batch#:	240222
Lab ID:	282148-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/18/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
Anthracene	ND	6,600	1,200
Di-n-butylphthalate	ND	33,000	1,200
Fluoranthene	ND	6,600	860
Pyrene	ND	6,600	930
Butylbenzylphthalate	ND	33,000	1,200
3,3'-Dichlorobenzidine	ND	66,000	4,300
Benzo(a)anthracene	ND	6,600	860
Chrysene	ND	6,600	1,200
bis(2-Ethylhexyl)phthalate	ND	33,000	870
Di-n-octylphthalate	ND	33,000	840
Benzo(b)fluoranthene	ND	6,600	1,200
Benzo(k)fluoranthene	ND	6,600	860
Benzo(a)pyrene	ND	6,600	860
Indeno(1,2,3-cd)pyrene	ND	6,600	1,200
Dibenz(a,h)anthracene	ND	6,600	1,200
Benzo(g,h,i)perylene	ND	6,600	860

Surrogate	%REC	Limits
2-Fluorophenol	DO	25-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	27-120
Nitrobenzene-d5	DO	44-120
2-Fluorobiphenyl	DO	47-120
Terphenyl-d14	DO	49-120

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-1-5	Batch#:	240222
Lab ID:	282148-002	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	83,000	10,000
Phenol	ND	83,000	3,700
bis(2-Chloroethyl)ether	ND	83,000	5,500
2-Chlorophenol	ND	83,000	3,500
1,3-Dichlorobenzene	ND	83,000	10,000
1,4-Dichlorobenzene	ND	83,000	10,000
Benzyl alcohol	ND	83,000	4,100
1,2-Dichlorobenzene	ND	83,000	5,500
2-Methylphenol	ND	83,000	3,600
bis(2-Chloroisopropyl) ether	ND	83,000	4,000
4-Methylphenol	ND	83,000	4,000
N-Nitroso-di-n-propylamine	ND	83,000	3,800
Hexachloroethane	ND	83,000	10,000
Nitrobenzene	ND	83,000	5,500
Isophorone	ND	83,000	2,500
2-Nitrophenol	ND	170,000	9,700
2,4-Dimethylphenol	ND	83,000	4,600
Benzoic acid	ND	420,000	94,000
bis(2-Chloroethoxy)methane	ND	83,000	2,600
2,4-Dichlorophenol	ND	83,000	2,300
1,2,4-Trichlorobenzene	ND	83,000	5,500
Naphthalene	ND	17,000	3,200
4-Chloroaniline	ND	83,000	3,100
Hexachlorobutadiene	ND	83,000	5,500
4-Chloro-3-methylphenol	ND	83,000	2,200
2-Methylnaphthalene	ND	17,000	2,500
Hexachlorocyclopentadiene	ND	170,000	19,000
2,4,6-Trichlorophenol	ND	83,000	2,700
2,4,5-Trichlorophenol	ND	83,000	2,300
2-Chloronaphthalene	ND	83,000	2,100
2-Nitroaniline	ND	170,000	8,400
Dimethylphthalate	ND	83,000	2,100
Acenaphthylene	ND	17,000	2,100
2,6-Dinitrotoluene	ND	83,000	8,400
3-Nitroaniline	ND	170,000	10,000
Acenaphthene	ND	17,000	2,100
2,4-Dinitrophenol	ND	170,000	37,000
4-Nitrophenol	ND	170,000	19,000
Dibenzofuran	ND	83,000	2,100
2,4-Dinitrotoluene	ND	83,000	2,100
Diethylphthalate	ND	83,000	2,100
Fluorene	ND	17,000	2,100
4-Chlorophenyl-phenylether	ND	83,000	2,100
4-Nitroaniline	ND	170,000	10,000
4,6-Dinitro-2-methylphenol	ND	170,000	10,000
N-Nitrosodiphenylamine	ND	83,000	2,100
Azobenzene	ND	83,000	2,100
4-Bromophenyl-phenylether	ND	83,000	2,100
Hexachlorobenzene	ND	83,000	2,100
Pentachlorophenol	ND	170,000	26,000
Phenanthrene	ND	17,000	2,100

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-1-5	Batch#:	240222
Lab ID:	282148-002	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
Anthracene	ND	17,000	2,200
Di-n-butylphthalate	ND	83,000	2,400
Fluoranthene	ND	17,000	2,300
Pyrene	ND	17,000	2,100
Butylbenzylphthalate	ND	83,000	2,400
3,3'-Dichlorobenzidine	ND	170,000	20,000
Benzo(a)anthracene	ND	17,000	2,100
Chrysene	ND	17,000	2,100
bis(2-Ethylhexyl)phthalate	ND	83,000	2,100
Di-n-octylphthalate	ND	83,000	8,500
Benzo(b)fluoranthene	ND	17,000	2,100
Benzo(k)fluoranthene	ND	17,000	2,100
Benzo(a)pyrene	ND	17,000	2,100
Indeno(1,2,3-cd)pyrene	ND	17,000	2,100
Dibenz(a,h)anthracene	ND	17,000	2,100
Benzo(g,h,i)perylene	ND	17,000	2,100

Surrogate	%REC	Limits
2-Fluorophenol	DO	25-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	27-120
Nitrobenzene-d5	DO	44-120
2-Fluorobiphenyl	DO	47-120
Terphenyl-d14	DO	49-120

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-3-1	Batch#:	240222
Lab ID:	282148-005	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	3.000		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	1,000	130
Phenol	ND	1,000	45
bis(2-Chloroethyl)ether	ND	1,000	66
2-Chlorophenol	ND	1,000	42
1,3-Dichlorobenzene	ND	1,000	130
1,4-Dichlorobenzene	ND	1,000	130
Benzyl alcohol	ND	1,000	49
1,2-Dichlorobenzene	ND	1,000	66
2-Methylphenol	ND	1,000	43
bis(2-Chloroisopropyl) ether	ND	1,000	48
4-Methylphenol	ND	1,000	48
N-Nitroso-di-n-propylamine	ND	1,000	46
Hexachloroethane	ND	1,000	130
Nitrobenzene	ND	1,000	66
Isophorone	ND	1,000	31
2-Nitrophenol	ND	2,000	120
2,4-Dimethylphenol	ND	1,000	56
Benzoic acid	ND	5,000	1,100
bis(2-Chloroethoxy)methane	ND	1,000	31
2,4-Dichlorophenol	ND	1,000	28
1,2,4-Trichlorobenzene	ND	1,000	66
Naphthalene	ND	200	39
4-Chloroaniline	ND	1,000	38
Hexachlorobutadiene	ND	1,000	66
4-Chloro-3-methylphenol	ND	1,000	26
2-Methylnaphthalene	ND	200	30
Hexachlorocyclopentadiene	ND	2,000	230
2,4,6-Trichlorophenol	ND	1,000	33
2,4,5-Trichlorophenol	ND	1,000	28
2-Chloronaphthalene	ND	1,000	25
2-Nitroaniline	ND	2,000	100
Dimethylphthalate	ND	1,000	25
Acenaphthylene	ND	200	25
2,6-Dinitrotoluene	ND	1,000	100
3-Nitroaniline	ND	2,000	130
Acenaphthene	ND	200	25
2,4-Dinitrophenol	ND	2,000	450
4-Nitrophenol	ND	2,000	230
Dibenzofuran	ND	1,000	25
2,4-Dinitrotoluene	ND	1,000	25
Diethylphthalate	ND	1,000	25
Fluorene	ND	200	25
4-Chlorophenyl-phenylether	ND	1,000	25
4-Nitroaniline	ND	2,000	130
4,6-Dinitro-2-methylphenol	ND	2,000	130
N-Nitrosodiphenylamine	ND	1,000	25
Azobenzene	ND	1,000	25
4-Bromophenyl-phenylether	ND	1,000	25
Hexachlorobenzene	ND	1,000	25
Pentachlorophenol	ND	2,000	310
Phenanthrene	ND	200	25

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-3-1	Batch#:	240222
Lab ID:	282148-005	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	3.000		

Analyte	Result	RL	MDL
Anthracene	ND	200	27
Di-n-butylphthalate	ND	1,000	29
Fluoranthene	ND	200	28
Pyrene	ND	200	25
Butylbenzylphthalate	ND	1,000	29
3,3'-Dichlorobenzidine	ND	2,000	240
Benzo(a)anthracene	ND	200	25
Chrysene	ND	200	25
bis(2-Ethylhexyl)phthalate	ND	1,000	26
Di-n-octylphthalate	ND	1,000	100
Benzo(b)fluoranthene	30 J	200	25
Benzo(k)fluoranthene	ND	200	25
Benzo(a)pyrene	38 J	200	25
Indeno(1,2,3-cd)pyrene	130 J	200	25
Dibenz(a,h)anthracene	ND	200	25
Benzo(g,h,i)perylene	29 J	200	25

Surrogate	%REC	Limits
2-Fluorophenol	76	25-120
Phenol-d5	79	36-120
2,4,6-Tribromophenol	59	27-120
Nitrobenzene-d5	79	44-120
2-Fluorobiphenyl	90	47-120
Terphenyl-d14	77	49-120

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-3-5	Batch#:	240222
Lab ID:	282148-006	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/18/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	33,000	3,300
Phenol	ND	33,000	1,700
bis(2-Chloroethyl)ether	ND	33,000	1,300
2-Chlorophenol	ND	33,000	1,600
1,3-Dichlorobenzene	ND	33,000	1,200
1,4-Dichlorobenzene	ND	33,000	1,000
Benzyl alcohol	ND	33,000	1,600
1,2-Dichlorobenzene	ND	33,000	950
2-Methylphenol	ND	33,000	1,500
bis(2-Chloroisopropyl) ether	ND	33,000	1,800
4-Methylphenol	ND	33,000	1,800
N-Nitroso-di-n-propylamine	ND	33,000	3,300
Hexachloroethane	ND	33,000	1,200
Nitrobenzene	ND	33,000	1,200
Isophorone	ND	33,000	1,100
2-Nitrophenol	ND	67,000	1,000
2,4-Dimethylphenol	ND	33,000	1,400
Benzoic acid	ND	170,000	50,000
bis(2-Chloroethoxy)methane	ND	33,000	1,100
2,4-Dichlorophenol	ND	33,000	1,300
1,2,4-Trichlorobenzene	ND	33,000	970
Naphthalene	ND	6,700	880
4-Chloroaniline	ND	33,000	3,300
Hexachlorobutadiene	ND	33,000	6,100
4-Chloro-3-methylphenol	ND	33,000	1,500
2-Methylnaphthalene	ND	6,700	980
Hexachlorocyclopentadiene	ND	67,000	6,000
2,4,6-Trichlorophenol	ND	33,000	1,400
2,4,5-Trichlorophenol	ND	33,000	880
2-Chloronaphthalene	ND	33,000	5,500
2-Nitroaniline	ND	67,000	3,300
Dimethylphthalate	ND	33,000	930
Acenaphthylene	ND	6,700	850
2,6-Dinitrotoluene	ND	33,000	880
3-Nitroaniline	ND	67,000	3,300
Acenaphthene	ND	6,700	1,200
2,4-Dinitrophenol	ND	67,000	16,000
4-Nitrophenol	ND	67,000	6,900
Dibenzofuran	ND	33,000	880
2,4-Dinitrotoluene	ND	33,000	970
Diethylphthalate	ND	33,000	850
Fluorene	ND	6,700	890
4-Chlorophenyl-phenylether	ND	33,000	980
4-Nitroaniline	ND	67,000	3,300
4,6-Dinitro-2-methylphenol	ND	67,000	4,200
N-Nitrosodiphenylamine	ND	33,000	5,600
Azobenzene	ND	33,000	1,200
4-Bromophenyl-phenylether	ND	33,000	5,900
Hexachlorobenzene	ND	33,000	1,200
Pentachlorophenol	ND	67,000	15,000
Phenanthrene	ND	6,700	960

DO= Diluted Out
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RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-3-5	Batch#:	240222
Lab ID:	282148-006	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/18/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
Anthracene	ND	6,700	1,200
Di-n-butylphthalate	ND	33,000	1,200
Fluoranthene	ND	6,700	860
Pyrene	ND	6,700	930
Butylbenzylphthalate	ND	33,000	1,200
3,3'-Dichlorobenzidine	ND	67,000	4,300
Benzo(a)anthracene	ND	6,700	860
Chrysene	ND	6,700	1,200
bis(2-Ethylhexyl)phthalate	ND	33,000	870
Di-n-octylphthalate	ND	33,000	840
Benzo(b)fluoranthene	ND	6,700	1,200
Benzo(k)fluoranthene	ND	6,700	870
Benzo(a)pyrene	ND	6,700	870
Indeno(1,2,3-cd)pyrene	ND	6,700	1,200
Dibenz(a,h)anthracene	ND	6,700	1,200
Benzo(g,h,i)perylene	ND	6,700	860

Surrogate	%REC	Limits
2-Fluorophenol	DO	25-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	27-120
Nitrobenzene-d5	DO	44-120
2-Fluorobiphenyl	DO	47-120
Terphenyl-d14	DO	49-120

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-4-1	Batch#:	240222
Lab ID:	282148-009	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/18/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	330,000	33,000
Phenol	ND	330,000	17,000
bis(2-Chloroethyl)ether	ND	330,000	13,000
2-Chlorophenol	ND	330,000	16,000
1,3-Dichlorobenzene	ND	330,000	12,000
1,4-Dichlorobenzene	ND	330,000	10,000
Benzyl alcohol	ND	330,000	16,000
1,2-Dichlorobenzene	ND	330,000	9,500
2-Methylphenol	ND	330,000	15,000
bis(2-Chloroisopropyl) ether	ND	330,000	18,000
4-Methylphenol	ND	330,000	18,000
N-Nitroso-di-n-propylamine	ND	330,000	33,000
Hexachloroethane	ND	330,000	12,000
Nitrobenzene	ND	330,000	12,000
Isophorone	ND	330,000	11,000
2-Nitrophenol	ND	670,000	10,000
2,4-Dimethylphenol	ND	330,000	14,000
Benzoic acid	ND	1,700,000	500,000
bis(2-Chloroethoxy)methane	ND	330,000	11,000
2,4-Dichlorophenol	ND	330,000	13,000
1,2,4-Trichlorobenzene	ND	330,000	9,700
Naphthalene	ND	67,000	8,800
4-Chloroaniline	ND	330,000	33,000
Hexachlorobutadiene	ND	330,000	61,000
4-Chloro-3-methylphenol	ND	330,000	15,000
2-Methylnaphthalene	ND	67,000	9,800
Hexachlorocyclopentadiene	ND	670,000	60,000
2,4,6-Trichlorophenol	ND	330,000	14,000
2,4,5-Trichlorophenol	ND	330,000	8,800
2-Chloronaphthalene	ND	330,000	55,000
2-Nitroaniline	ND	670,000	33,000
Dimethylphthalate	ND	330,000	9,300
Acenaphthylene	ND	67,000	8,500
2,6-Dinitrotoluene	ND	330,000	8,800
3-Nitroaniline	ND	670,000	33,000
Acenaphthene	ND	67,000	12,000
2,4-Dinitrophenol	ND	670,000	160,000
4-Nitrophenol	ND	670,000	69,000
Dibenzofuran	ND	330,000	8,800
2,4-Dinitrotoluene	ND	330,000	9,700
Diethylphthalate	ND	330,000	8,500
Fluorene	ND	67,000	8,900
4-Chlorophenyl-phenylether	ND	330,000	9,800
4-Nitroaniline	ND	670,000	33,000
4,6-Dinitro-2-methylphenol	ND	670,000	42,000
N-Nitrosodiphenylamine	ND	330,000	56,000
Azobenzene	ND	330,000	12,000
4-Bromophenyl-phenylether	ND	330,000	59,000
Hexachlorobenzene	ND	330,000	12,000
Pentachlorophenol	ND	670,000	150,000
Phenanthrene	ND	67,000	9,600

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-4-1	Batch#:	240222
Lab ID:	282148-009	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/18/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
Anthracene	ND	67,000	12,000
Di-n-butylphthalate	ND	330,000	12,000
Fluoranthene	ND	67,000	8,600
Pyrene	ND	67,000	9,400
Butylbenzylphthalate	ND	330,000	12,000
3,3'-Dichlorobenzidine	ND	670,000	43,000
Benzo(a)anthracene	ND	67,000	8,600
Chrysene	ND	67,000	12,000
bis(2-Ethylhexyl)phthalate	ND	330,000	8,700
Di-n-octylphthalate	ND	330,000	8,400
Benzo(b)fluoranthene	ND	67,000	12,000
Benzo(k)fluoranthene	ND	67,000	8,700
Benzo(a)pyrene	ND	67,000	8,700
Indeno(1,2,3-cd)pyrene	ND	67,000	12,000
Dibenz(a,h)anthracene	ND	67,000	12,000
Benzo(g,h,i)perylene	ND	67,000	8,600

Surrogate	%REC	Limits
2-Fluorophenol	DO	25-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	27-120
Nitrobenzene-d5	DO	44-120
2-Fluorobiphenyl	DO	47-120
Terphenyl-d14	DO	49-120

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-4-5	Batch#:	240222
Lab ID:	282148-010	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	330	42
Phenol	ND	330	15
bis(2-Chloroethyl)ether	ND	330	22
2-Chlorophenol	ND	330	14
1,3-Dichlorobenzene	ND	330	42
1,4-Dichlorobenzene	ND	330	42
Benzyl alcohol	ND	330	16
1,2-Dichlorobenzene	ND	330	22
2-Methylphenol	ND	330	14
bis(2-Chloroisopropyl) ether	ND	330	16
4-Methylphenol	ND	330	16
N-Nitroso-di-n-propylamine	ND	330	15
Hexachloroethane	ND	330	42
Nitrobenzene	ND	330	22
Isophorone	ND	330	10
2-Nitrophenol	ND	660	39
2,4-Dimethylphenol	ND	330	19
Benzoic acid	ND	1,700	380
bis(2-Chloroethoxy)methane	ND	330	10
2,4-Dichlorophenol	ND	330	9.3
1,2,4-Trichlorobenzene	ND	330	22
Naphthalene	ND	66	13
4-Chloroaniline	ND	330	13
Hexachlorobutadiene	ND	330	22
4-Chloro-3-methylphenol	ND	330	8.6
2-Methylnaphthalene	ND	66	9.9
Hexachlorocyclopentadiene	ND	660	76
2,4,6-Trichlorophenol	ND	330	11
2,4,5-Trichlorophenol	ND	330	9.2
2-Chloronaphthalene	ND	330	8.4
2-Nitroaniline	ND	660	34
Dimethylphthalate	ND	330	8.4
Acenaphthylene	ND	66	8.4
2,6-Dinitrotoluene	ND	330	34
3-Nitroaniline	ND	660	42
Acenaphthene	ND	66	8.4
2,4-Dinitrophenol	ND	660	150
4-Nitrophenol	ND	660	75
Dibenzofuran	ND	330	8.4
2,4-Dinitrotoluene	ND	330	8.3
Diethylphthalate	ND	330	8.4
Fluorene	ND	66	8.4
4-Chlorophenyl-phenylether	ND	330	8.4
4-Nitroaniline	ND	660	42
4,6-Dinitro-2-methylphenol	ND	660	42
N-Nitrosodiphenylamine	ND	330	8.4
Azobenzene	ND	330	8.4
4-Bromophenyl-phenylether	ND	330	8.4
Hexachlorobenzene	ND	330	8.4
Pentachlorophenol	ND	660	100
Phenanthrene	ND	66	8.4
Anthracene	ND	66	9.0

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-4-5	Batch#:	240222
Lab ID:	282148-010	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Di-n-butylphthalate	ND	330	9.5
Fluoranthene	ND	66	9.3
Pyrene	ND	66	8.4
Butylbenzylphthalate	ND	330	9.6
3,3'-Dichlorobenzidine	ND	660	79
Benzo(a)anthracene	ND	66	8.4
Chrysene	ND	66	8.4
bis(2-Ethylhexyl)phthalate	ND	330	8.5
Di-n-octylphthalate	ND	330	34
Benzo(b)fluoranthene	ND	66	8.4
Benzo(k)fluoranthene	ND	66	8.4
Benzo(a)pyrene	ND	66	8.4
Indeno(1,2,3-cd)pyrene	ND	66	8.4
Dibenz(a,h)anthracene	ND	66	8.4
Benzo(g,h,i)perylene	ND	66	8.4

Surrogate	%REC	Limits
2-Fluorophenol	72	25-120
Phenol-d5	74	36-120
2,4,6-Tribromophenol	73	27-120
Nitrobenzene-d5	74	44-120
2-Fluorobiphenyl	76	47-120
Terphenyl-d14	69	49-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC855937	Batch#:	240222
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/17/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	330	47
Phenol	ND	330	9.9
bis(2-Chloroethyl)ether	ND	330	59
2-Chlorophenol	ND	330	9.9
1,3-Dichlorobenzene	ND	330	56
1,4-Dichlorobenzene	ND	330	9.9
Benzyl alcohol	ND	330	11
1,2-Dichlorobenzene	ND	330	9.9
2-Methylphenol	ND	330	14
bis(2-Chloroisopropyl) ether	ND	330	9.9
4-Methylphenol	ND	330	9.9
N-Nitroso-di-n-propylamine	ND	330	9.9
Hexachloroethane	ND	330	9.9
Nitrobenzene	ND	330	11
Isophorone	ND	330	9.9
2-Nitrophenol	ND	660	9.9
2,4-Dimethylphenol	ND	330	14
Benzoic acid	ND	1,700	430
bis(2-Chloroethoxy)methane	ND	330	9.9
2,4-Dichlorophenol	ND	330	9.9
1,2,4-Trichlorobenzene	ND	330	9.9
Naphthalene	ND	66	9.9
4-Chloroaniline	ND	330	9.3
Hexachlorobutadiene	ND	330	8.8
4-Chloro-3-methylphenol	ND	330	8.3
2-Methylnaphthalene	ND	66	9.9
Hexachlorocyclopentadiene	ND	660	14
2,4,6-Trichlorophenol	ND	330	12
2,4,5-Trichlorophenol	ND	330	8.3
2-Chloronaphthalene	ND	330	8.9
2-Nitroaniline	ND	660	11
Dimethylphthalate	ND	330	9.9
Acenaphthylene	ND	66	8.9
2,6-Dinitrotoluene	ND	330	8.9
3-Nitroaniline	ND	660	9.9
Acenaphthene	ND	66	9.9
2,4-Dinitrophenol	ND	660	64
4-Nitrophenol	ND	660	71
Dibenzofuran	ND	330	10
2,4-Dinitrotoluene	ND	330	9.5
Diethylphthalate	ND	330	11
Fluorene	ND	66	9.8
4-Chlorophenyl-phenylether	ND	330	9.6
4-Nitroaniline	ND	660	9.9
4,6-Dinitro-2-methylphenol	ND	660	76
N-Nitrosodiphenylamine	ND	330	10
Azobenzene	ND	330	8.5
4-Bromophenyl-phenylether	ND	330	10
Hexachlorobenzene	ND	330	11
Pentachlorophenol	ND	660	130
Phenanthrene	ND	66	10
Anthracene	ND	66	11
Di-n-butylphthalate	ND	330	12

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855937	Batch#:	240222
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/17/16

Analyte	Result	RL	MDL
Fluoranthene	ND	66	10
Pyrene	ND	66	11
Butylbenzylphthalate	ND	330	9.9
3,3'-Dichlorobenzidine	ND	660	9.9
Benzo(a)anthracene	ND	66	10
Chrysene	ND	66	11
bis(2-Ethylhexyl)phthalate	ND	330	13
Di-n-octylphthalate	ND	330	9.9
Benzo(b)fluoranthene	ND	66	8.9
Benzo(k)fluoranthene	ND	66	9.4
Benzo(a)pyrene	ND	66	8.7
Indeno(1,2,3-cd)pyrene	ND	66	8.7
Dibenz(a,h)anthracene	ND	66	9.2
Benzo(g,h,i)perylene	ND	66	10

Surrogate	%REC	Limits
2-Fluorophenol	69	25-120
Phenol-d5	67	36-120
2,4,6-Tribromophenol	75	27-120
Nitrobenzene-d5	63	44-120
2-Fluorobiphenyl	73	47-120
Terphenyl-d14	75	49-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC855938	Batch#:	240222
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/17/16

Analyte	Spiked	Result	%REC	Limits
Phenol	2,685	2,159	80	42-120
2-Chlorophenol	2,685	2,164	81	45-120
1,4-Dichlorobenzene	2,685	1,843	69	48-120
N-Nitroso-di-n-propylamine	2,685	2,224	83	27-123
1,2,4-Trichlorobenzene	2,685	1,798	67	50-120
4-Chloro-3-methylphenol	2,685	2,143	80	59-120
Acenaphthene	1,007	948.4	94	53-120
4-Nitrophenol	2,685	1,693	63	47-120
2,4-Dinitrotoluene	2,685	2,432	91	55-120
Pentachlorophenol	2,685	2,249	84	32-120
Pyrene	1,007	1,041	103	52-120

Surrogate	%REC	Limits
2-Fluorophenol	76	25-120
Phenol-d5	81	36-120
2,4,6-Tribromophenol	82	27-120
Nitrobenzene-d5	71	44-120
2-Fluorobiphenyl	82	47-120
Terphenyl-d14	98	49-120

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Field ID:	SB-1-1	Batch#:	240225
Lab ID:	282148-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/24/16
Diln Fac:	20.00		

Analyte	Result	RL	MDL
alpha-BHC	ND	34	3.9
beta-BHC	ND	34	8.2
gamma-BHC	ND	34	4.3
delta-BHC	ND	34	5.5
Heptachlor	ND	34	3.8
Aldrin	ND	34	4.1
Heptachlor epoxide	ND	34	4.4
Endosulfan I	ND	34	3.5
Dieldrin	ND	34	7.9
4,4'-DDE	370	66	12
Endrin	ND	66	11
Endosulfan II	ND	66	9.9
Endosulfan sulfate	ND	66	10
4,4'-DDD	ND	66	14
Endrin aldehyde	ND	66	6.7
4,4'-DDT	480	66	9.4
alpha-Chlordane	ND	34	4.1
gamma-Chlordane	12 C J	34	4.9
Methoxychlor	ND	340	62
Toxaphene	ND	1,200	180

Surrogate	%REC	Limits
TCMX	DO	44-125
Decachlorobiphenyl	DO	39-121

C= Presence confirmed, but RPD between columns exceeds 40%
J= Estimated value
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Field ID:	SB-3-1	Batch#:	240225
Lab ID:	282148-005	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/24/16
Diln Fac:	5.000		

Analyte	Result	RL	MDL
alpha-BHC	ND	8.5	0.99
beta-BHC	ND	8.5	2.1
gamma-BHC	ND	8.5	1.1
delta-BHC	ND	8.5	1.4
Heptachlor	ND	8.5	0.96
Aldrin	ND	8.5	1.0
Heptachlor epoxide	ND	8.5	1.1
Endosulfan I	ND	8.5	0.88
Dieldrin	ND	8.5	2.0
4,4'-DDE	59	16	2.9
Endrin	ND	16	2.8
Endosulfan II	ND	16	2.5
Endosulfan sulfate	ND	16	2.6
4,4'-DDD	ND	16	3.6
Endrin aldehyde	ND	16	1.7
4,4'-DDT	13 J	16	2.4
alpha-Chlordane	ND	8.5	1.0
gamma-Chlordane	2.6 J	8.5	1.2
Methoxychlor	ND	85	16
Toxaphene	ND	300	46

Surrogate	%REC	Limits
TCMX	88	44-125
Decachlorobiphenyl	81	39-121

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Field ID:	SB-4-1	Batch#:	240225
Lab ID:	282148-009	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/20/16
Diln Fac:	200.0		

Analyte	Result	RL	MDL
alpha-BHC	ND	340	50
beta-BHC	ND #	340	93
gamma-BHC	ND	340	43
delta-BHC	ND	340	49
Heptachlor	ND #	340	49
Aldrin	ND	340	52
Heptachlor epoxide	ND	340	52
Endosulfan I	ND	340	50
Dieldrin	ND	340	86
4,4'-DDE	ND #	650	93
Endrin	ND	650	97
Endosulfan II	ND	650	86
Endosulfan sulfate	ND #	650	100
4,4'-DDD	ND #	650	68
Endrin aldehyde	ND	650	110
4,4'-DDT	ND #	650	66
alpha-Chlordane	ND	340	47
gamma-Chlordane	ND	340	60
Methoxychlor	ND #	3,400	500
Toxaphene	ND	12,000	2,300

Surrogate	%REC	Limits
TCMX	DO	44-125
Decachlorobiphenyl	DO	39-121

#= CCV drift outside limits; average CCV drift within limits per method requirements
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855947	Batch#:	240225
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/18/16

Analyte	Result	RL	MDL
alpha-BHC	ND	1.7	0.20
beta-BHC	ND	1.7	0.41
gamma-BHC	ND	1.7	0.22
delta-BHC	ND	1.7	0.28
Heptachlor	ND	1.7	0.19
Aldrin	ND	1.7	0.20
Heptachlor epoxide	ND	1.7	0.22
Endosulfan I	ND	1.7	0.18
Dieldrin	ND	1.7	0.40
4,4'-DDE	ND	3.3	0.59
Endrin	ND	3.3	0.56
Endosulfan II	ND	3.3	0.50
Endosulfan sulfate	ND	3.3	0.51
4,4'-DDD	ND	3.3	0.73
Endrin aldehyde	ND	3.3	0.34
4,4'-DDT	ND	3.3	0.47
alpha-Chlordane	ND	1.7	0.21
gamma-Chlordane	ND	1.7	0.24
Methoxychlor	ND	17	3.1
Toxaphene	ND	60	9.1

Surrogate	%REC	Limits
TCMX	83	44-125
Decachlorobiphenyl	83	39-121

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC855948	Batch#:	240225
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/18/16

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	13.36	9.077	68	44-121
Heptachlor	13.36	9.161 #	69	45-129
Aldrin	13.36	9.266	69	45-120
Dieldrin	13.36	10.53	79	49-131
Endrin	13.36	10.72 #	80	43-135
4,4'-DDT	13.36	10.80 #	81	37-141

Surrogate	%REC	Limits
TCMX	61	44-125
Decachlorobiphenyl	75	39-121

#= CCV drift outside limits; average CCV drift within limits per method requirements

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8082
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/17/16
Batch#:	240147		

Field ID:	SB-1-1	Diln Fac:	1.000
Type:	SAMPLE	Prepared:	10/14/16
Lab ID:	282148-001		

Analyte	Result	RL	MDL
Aroclor-1016	ND	12	3.0
Aroclor-1221	ND	24	8.1
Aroclor-1232	ND	12	3.9
Aroclor-1242	ND	12	3.6
Aroclor-1248	ND	12	3.9
Aroclor-1254	54	12	3.1
Aroclor-1260	60	12	2.0

Surrogate	%REC	Limits
Decachlorobiphenyl	124	25-135

Field ID:	SB-3-1	Diln Fac:	1.000
Type:	SAMPLE	Prepared:	10/14/16
Lab ID:	282148-005		

Analyte	Result	RL	MDL
Aroclor-1016	ND	12	3.0
Aroclor-1221	ND	24	8.0
Aroclor-1232	ND	12	3.9
Aroclor-1242	ND	12	3.6
Aroclor-1248	ND	12	3.8
Aroclor-1254	ND	12	3.1
Aroclor-1260	150	12	1.9

Surrogate	%REC	Limits
Decachlorobiphenyl	104	25-135

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8082
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/13/16
Basis:	as received	Analyzed:	10/17/16
Batch#:	240147		

Field ID:	SB-4-1	Diln Fac:	10.00
Type:	SAMPLE	Prepared:	10/14/16
Lab ID:	282148-009		

Analyte	Result	RL	MDL
Aroclor-1016	ND	83	29
Aroclor-1221	ND	170	79
Aroclor-1232	ND	83	39
Aroclor-1242	ND	83	36
Aroclor-1248	ND	83	38
Aroclor-1254	ND	83	30
Aroclor-1260	ND	83	19

Surrogate	%REC	Limits
Decachlorobiphenyl	DO	25-135

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855637	Prepared:	10/13/16

Analyte	Result	RL	MDL
Aroclor-1016	ND	4.7	1.2
Aroclor-1221	ND	9.5	3.2
Aroclor-1232	ND	4.7	1.5
Aroclor-1242	ND	4.7	1.4
Aroclor-1248	ND	4.7	1.5
Aroclor-1254	ND	4.7	1.2
Aroclor-1260	ND	4.7	0.77

Surrogate	%REC	Limits
Decachlorobiphenyl	121	25-135

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC855638	Batch#:	240147
Matrix:	Soil	Prepared:	10/13/16
Units:	ug/Kg	Analyzed:	10/17/16

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	166.5	168.5	101	64-140
Aroclor-1260	166.5	172.7	104	65-146

Surrogate	%REC	Limits
Decachlorobiphenyl	111	25-135

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8082
Field ID:	ZZZZZZZZZZ	Batch#:	240147
MSS Lab ID:	282096-001	Sampled:	10/12/16
Matrix:	Soil	Received:	10/13/16
Units:	ug/Kg	Prepared:	10/13/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	1.000		

Type: MS Lab ID: QC855639

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<2.968	169.0	162.1	96	60-161
Aroclor-1260	<1.941	169.0	165.5	98	42-166

Surrogate	%REC	Limits
Decachlorobiphenyl	84	25-135

Type: MSD Lab ID: QC855640

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	167.4	149.9	90	60-161	7	43
Aroclor-1260	167.4	165.6	99	42-166	1	51

Surrogate	%REC	Limits
Decachlorobiphenyl	85	25-135

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282148	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-1-1	Basis:	as received
Lab ID:	282148-001	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/13/16

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	4.0	2.0	0.16	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Arsenic	5.3	0.27	0.078	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Barium	240	0.27	0.058	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Beryllium	0.39	0.11	0.013	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cadmium	0.61	0.27	0.027	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Chromium	51	0.27	0.068	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cobalt	12	0.27	0.032	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Copper	42	0.27	0.090	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Lead	99	0.27	0.075	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Mercury	0.43	0.016	0.0029	240775	10/31/16	10/31/16	METHOD	EPA 7471A
Molybdenum	0.83	0.27	0.053	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Nickel	45	0.27	0.071	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Selenium	ND	2.0	0.17	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Silver	ND	0.27	0.043	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Thallium	ND	0.54	0.15	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Vanadium	53	0.27	0.061	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Zinc	130	1.1	0.22	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282148	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-1-5	Basis:	as received
Lab ID:	282148-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/13/16

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	3.3	1.8	0.14	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Arsenic	3.5	0.23	0.066	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Barium	220	0.23	0.049	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Beryllium	0.42	0.091	0.011	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cadmium	0.48	0.23	0.023	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Chromium	42	0.23	0.057	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cobalt	21	0.23	0.027	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Copper	48	0.23	0.076	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Lead	16	0.23	0.063	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Mercury	0.056	0.015	0.0028	240775	10/31/16	10/31/16	METHOD	EPA 7471A
Molybdenum	0.27	0.23	0.044	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Nickel	21	0.23	0.060	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Selenium	ND	1.8	0.15	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Silver	ND	0.23	0.036	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Thallium	ND	0.45	0.13	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Vanadium	41	0.23	0.052	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Zinc	34	0.91	0.18	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282148	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-3-1	Basis:	as received
Lab ID:	282148-005	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/13/16

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	2.8	1.9	0.14	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Arsenic	19	0.24	0.069	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Barium	110	0.24	0.051	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Beryllium	0.26	0.095	0.012	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cadmium	0.75	0.24	0.024	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Chromium	72	0.24	0.060	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cobalt	7.7	0.24	0.029	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Copper	9.6	0.24	0.079	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Lead	35	0.24	0.066	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Mercury	0.11	0.017	0.0031	240775	10/31/16	10/31/16	METHOD	EPA 7471A
Molybdenum	0.37	0.24	0.047	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Nickel	21	0.24	0.063	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Selenium	ND	1.9	0.15	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Silver	ND	0.24	0.038	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Thallium	ND	0.48	0.13	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Vanadium	52	0.24	0.054	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Zinc	66	0.95	0.19	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282148	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-3-5	Basis:	as received
Lab ID:	282148-006	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/13/16

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	2.7	1.9	0.14	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Arsenic	3.1	0.24	0.069	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Barium	150	0.24	0.051	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Beryllium	0.27	0.094	0.012	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cadmium	0.38	0.24	0.024	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Chromium	52	0.24	0.059	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cobalt	7.6	0.24	0.028	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Copper	27	0.24	0.079	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Lead	53	0.24	0.066	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Mercury	0.40	0.015	0.0028	240775	10/31/16	10/31/16	METHOD	EPA 7471A
Molybdenum	0.81	0.24	0.046	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Nickel	27	0.24	0.062	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Selenium	ND	1.9	0.15	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Silver	ND	0.24	0.038	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Thallium	ND	0.47	0.13	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Vanadium	44	0.24	0.054	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Zinc	48	0.94	0.19	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282148	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-4-1	Basis:	as received
Lab ID:	282148-009	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/13/16

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	2.7	2.0	0.15	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Arsenic	0.82	0.25	0.071	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Barium	43	0.25	0.053	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Beryllium	0.088 J	0.098	0.012	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cadmium	0.42	0.25	0.025	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Chromium	6.2	0.25	0.062	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cobalt	8.0	0.25	0.029	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Copper	46	0.25	0.082	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Lead	3.3	0.25	0.068	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Mercury	0.074	0.017	0.0031	240776	10/31/16	10/31/16	METHOD	EPA 7471A
Molybdenum	0.12 J	0.25	0.048	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Nickel	13	0.25	0.065	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Selenium	ND	2.0	0.16	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Silver	ND	0.25	0.039	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Thallium	0.42 J	0.49	0.14	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Vanadium	57	0.25	0.056	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Zinc	33	0.98	0.20	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282148	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-4-5	Basis:	as received
Lab ID:	282148-010	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/13/16

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	2.7	1.9	0.15	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Arsenic	2.7	0.24	0.071	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Barium	63	0.24	0.052	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Beryllium	0.26	0.097	0.012	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cadmium	0.32	0.24	0.025	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Chromium	50	0.24	0.061	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Cobalt	7.1	0.24	0.029	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Copper	5.8	0.24	0.081	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Lead	9.3	0.24	0.068	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Mercury	0.044	0.017	0.0030	240776	10/31/16	10/31/16	METHOD	EPA 7471A
Molybdenum	0.27	0.24	0.047	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Nickel	25	0.24	0.064	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Selenium	ND	1.9	0.16	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Silver	ND	0.24	0.039	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Thallium	0.35 J	0.49	0.14	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Vanadium	50	0.24	0.055	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B
Zinc	29	0.97	0.19	240435	10/21/16	10/21/16	EPA 3050B	EPA 6010B

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3050B
Project#:	0363086	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856787	Batch#:	240435
Matrix:	Soil	Prepared:	10/21/16
Units:	mg/Kg	Analyzed:	10/21/16

Analyte	Result	RL	MDL
Antimony	ND	2.0	0.16
Arsenic	ND	0.26	0.076
Barium	ND	0.26	0.056
Beryllium	ND	0.10	0.013
Cadmium	ND	0.26	0.027
Chromium	ND	0.26	0.066
Cobalt	ND	0.26	0.031
Copper	ND	0.26	0.087
Lead	ND	0.26	0.073
Molybdenum	ND	0.26	0.051
Nickel	ND	0.26	0.069
Selenium	ND	2.0	0.17
Silver	ND	0.26	0.042
Thallium	ND	0.52	0.15
Vanadium	ND	0.26	0.059
Zinc	ND	1.0	0.21

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3050B
Project#:	0363086	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	240435
Units:	mg/Kg	Prepared:	10/21/16
Diln Fac:	1.000	Analyzed:	10/21/16

Type: BS Lab ID: QC856788

Analyte	Spiked	Result	%REC	Limits
Antimony	49.02	44.12	90	80-120
Arsenic	49.02	44.54	91	80-120
Barium	49.02	49.82	102	80-120
Beryllium	24.51	25.14	103	80-120
Cadmium	49.02	48.78	100	80-120
Chromium	49.02	49.30	101	80-120
Cobalt	49.02	47.02	96	80-120
Copper	49.02	49.37	101	80-120
Lead	49.02	45.35	93	80-120
Molybdenum	49.02	45.49	93	80-120
Nickel	49.02	48.92	100	80-120
Selenium	49.02	44.89	92	80-120
Silver	4.902	4.522	92	80-120
Thallium	49.02	46.87	96	80-120
Vanadium	49.02	48.93	100	80-120
Zinc	49.02	47.45	97	80-120

Type: BSD Lab ID: QC856789

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	55.56	50.58	91	80-120	1	20
Arsenic	55.56	51.85	93	80-120	3	20
Barium	55.56	55.70	100	80-120	1	20
Beryllium	27.78	28.44	102	80-120	0	20
Cadmium	55.56	54.92	99	80-120	1	20
Chromium	55.56	55.74	100	80-120	0	20
Cobalt	55.56	52.52	95	80-120	1	20
Copper	55.56	55.43	100	80-120	1	20
Lead	55.56	51.97	94	80-120	1	20
Molybdenum	55.56	52.32	94	80-120	1	20
Nickel	55.56	55.22	99	80-120	0	20
Selenium	55.56	52.18	94	80-120	3	20
Silver	5.556	5.081	91	80-120	1	20
Thallium	55.56	53.71	97	80-120	1	20
Vanadium	55.56	55.31	100	80-120	0	20
Zinc	55.56	53.35	96	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3050B
Project#:	0363086	Analysis:	EPA 6010B
Field ID:	SB-1-1	Batch#:	240435
MSS Lab ID:	282148-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	mg/Kg	Prepared:	10/21/16
Basis:	as received	Analyzed:	10/21/16
Diln Fac:	1.000		

Type: MS Lab ID: QC856790

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	3.969	51.55	26.81	44	15-120
Arsenic	5.284	51.55	48.81	84	69-120
Barium	238.8	51.55	283.7	87 NM	35-154
Beryllium	0.3942	25.77	25.87	99	75-120
Cadmium	0.6074	51.55	48.92	94	71-120
Chromium	51.33	51.55	105.4	105	57-133
Cobalt	11.91	51.55	59.31	92	56-125
Copper	41.67	51.55	98.64	111	54-144
Lead	98.93	51.55	155.6	110	53-125
Molybdenum	0.8320	51.55	43.74	83	66-120
Nickel	44.59	51.55	94.47	97	44-141
Selenium	<0.1718	51.55	42.28	82	61-120
Silver	<0.04287	5.155	4.448	86	69-120
Thallium	<0.1510	51.55	44.98	87	59-120
Vanadium	52.92	51.55	102.7	97	52-144
Zinc	126.9	51.55	197.7	137	45-145

Type: MSD Lab ID: QC856791

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	52.63	20.52	31	15-120	28	41
Arsenic	52.63	49.55	84	69-120	0	35
Barium	52.63	301.5	119 NM	35-154	6	36
Beryllium	26.32	26.15	98	75-120	1	20
Cadmium	52.63	49.66	93	71-120	1	25
Chromium	52.63	103.3	99	57-133	3	33
Cobalt	52.63	56.74	85	56-125	6	36
Copper	52.63	92.90	97	54-144	7	38
Lead	52.63	158.7	114	53-125	1	42
Molybdenum	52.63	45.05	84	66-120	1	20
Nickel	52.63	87.86	82	44-141	8	39
Selenium	52.63	43.69	83	61-120	1	33
Silver	5.263	4.556	87	69-120	0	22
Thallium	52.63	46.28	88	59-120	1	27
Vanadium	52.63	99.99	89	52-144	4	29
Zinc	52.63	166.4	75	45-145	18	39

NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	240775
Lab ID:	QC858208	Prepared:	10/31/16
Matrix:	Soil	Analyzed:	10/31/16
Units:	mg/Kg		

Result	RL	MDL
ND	0.017	0.0030

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	240775
Matrix:	Soil	Prepared:	10/31/16
Units:	mg/Kg	Analyzed:	10/31/16
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC858209	0.2119	0.2045	97	80-120		
BSD	QC858210	0.2155	0.2141	99	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	SB-1-1	Batch#:	240775
MSS Lab ID:	282148-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	mg/Kg	Prepared:	10/31/16
Basis:	as received	Analyzed:	10/31/16

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC858211	0.4301	0.2083	0.5708	68 *	69-142		
MSD	QC858212		0.1984	0.6447	108	69-142	14	36

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	240776
Lab ID:	QC858216	Prepared:	10/31/16
Matrix:	Soil	Analyzed:	10/31/16
Units:	mg/Kg		

Result	RL	MDL
ND	0.016	0.0029

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	240776
Matrix:	Soil	Prepared:	10/31/16
Units:	mg/Kg	Analyzed:	10/31/16
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC858217	0.2016	0.1997	99	80-120		
BSD	QC858218	0.2083	0.2051	98	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282148	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	240776
MSS Lab ID:	281918-005	Sampled:	10/06/16
Matrix:	Soil	Received:	10/07/16
Units:	mg/Kg	Prepared:	10/31/16
Basis:	as received	Analyzed:	10/31/16

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC858219	0.1499	0.2232	0.6979	246 *	69-142		
MSD	QC858220		0.2049	0.4134	129	69-142	46 *	36

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 282196
ANALYTICAL REPORT

ERM	Project : 0363086
1277 Treat Blvd.	Location : Martin Extension
Walnut Creek, CA 94597	Level : II

Sample ID	Lab ID
SB-5-1	282196-001
SB-5-5	282196-002
SB-5-9	282196-003
SB-5-GW	282196-004
SB-2-1	282196-005
SB-2-3	282196-006
SB-2-5	282196-007
SB-2-8	282196-008
SB-2-9	282196-009
SB-2-GW	282196-010
TRIP BLANK	282196-011

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 10/31/2016

Dina Ali
Project Manager
dina.ali@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**282196**
Client:	**ERM**
Project:	**0363086**
Location:	**Martin Extension**
Request Date:	**10/14/16**
Samples Received:	**10/14/16**

This data package contains sample and QC results for four soil samples and three water samples, requested for the above referenced project on 10/14/16. The samples were received on ice and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
Gasoline C7-C12 was detected between the MDL and the RL in the method blank for batch 240218; this analyte was not detected in samples at or above the RL. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:
SB-2-GW (lab # 282196-010) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Soil:
Matrix spikes QC856004,QC856005 (batch 240237) were not reported because the parent sample required a dilution that would have diluted out the spikes. Matrix spikes QC855894,QC855895 (batch 240208) were not reported because the parent sample required a dilution that would have diluted out the spikes. SB-5-5 (lab # 282196-002), SB-2-1 (lab # 282196-005), and SB-2-3 (lab # 282196-006) were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
Methylene chloride was detected between the MDL and the RL in SB-2-3 (lab # 282196-006); this analyte is a common laboratory contaminant. No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C) Water:
SB-5-GW (lab # 282196-004) and SB-2-GW (lab # 282196-010) were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C) Soil:
Matrix spikes QC855939,QC855940 (batch 240222) were not reported because the parent sample required a dilution that would have diluted out the spikes. A number of samples were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**282196**
Client:	**ERM**
Project:	**0363086**
Location:	**Martin Extension**
Request Date:	**10/14/16**
Samples Received:	**10/14/16**

Pesticides (EPA 8081A):
All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. All samples underwent florisil cleanup using EPA Method 3620C. Matrix spikes QC855949,QC855950 (batch 240225) were not reported because the parent sample required a dilution that would have diluted out the spikes. SB-5-1 (lab # 282196-001), SB-2-1 (lab # 282196-005), and SB-2-3 (lab # 282196-006) were diluted due to the color of the sample extracts. No other analytical problems were encountered.

PCBs (EPA 8082):
All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A) Water:
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A) Soil:
Low recovery was observed for mercury in the MS of SB-1-1 (lab # 282148-001); the BS/BSD were within limits, and the associated RPD was within limits. High recovery was observed for copper in the MSD of SB-5-1 (lab # 282196-001); the BS/BSD were within limits, and the associated RPD was within limits. High RPD was observed for antimony in the MS/MSD of SB-5-1 (lab # 282196-001); the RPD was acceptable in the BS/BSD. Zinc was detected above the RL in the method blank for batch 240331; this analyte was detected in samples at a level at least 10 times that of the blank. Silver and nickel were detected between the MDL and the RL in the method blank for batch 240331; these analytes were either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank. No other analytical problems were encountered.

CHAIN OF CUSTODY

Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
In Business Since 1878

2323 Fifth Street
Berkeley, CA 94710

Phone (510) 486-0900
Fax (510) 486-0532

Chain of Custody # _____

C&T LOGIN # 282196

Project No: 0363086
Project Name: Martin Extension
Project P. O. No:
EDD Format: Report Level ☐ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH ☒ Standard

Sampler: S. Martin
Report To: Chimi Yi / John Lucio
Company: ERM
Telephone: 925-946-0455
Email: john.lucio@erm.com

Lab No.	Sample ID.	SAMPLING		MATRIX				# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST																			
		Date Collected	Time Collected	Water	Solid				HCl	H2SO4	HNO3	NaOH	None	TPH-d, TPH-mo 8015M	VOCs, TPH-g 8260	SVOCs 8270C	Title 22 metals	PCBs 8082	Pesticides 8081	HOLD												
1	SB-5-1	10/13/16	1453		X			1					X	X	X	X	X	X	X													
2	SB-5-5		1520		X			1					X	X	X	X	X															
3	SB-5-9		1550		X			1					X							X												
4	SB-5-GW		1600	X	X			11	X				X	X	X	X	X															
5	SB-2-1		1645		X			1					X	X	X	X	X	X	X													
6	SB-2-3		1705		X			1					X	X	X	X	X	X	X													
7	SB-2-5		1710		X			1					X							X												
8	SB-2-8		1728		X			1					X							X												
9	SB-2-9		1730		X			1					X							X												
10	SB-2-GW	10/14/16	0810	X				11					X	X	X	X	X															
11	SB Trip Blank	10/13/16	1630	X				3	X						X																	

Notes:
- Metals samples for gw not field filtered, please preserve upon receipt.
- No SGCU on TPH-d/-mo

SAMPLE RECEIPT
☐ Intact
☐ Cold
☒ On Ice
☐ Ambient

RELINQUISHED BY:
DATE: 10/14/16 TIME: 0913
DATE: TIME:
DATE: TIME:

RECEIVED BY:
Pat Monzales
DATE: 10/14/16 TIME: 09:13
DATE: TIME:
DATE: TIME:

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 282196 Date Received 10/14/16 Number of coolers 1
Client ERM Project Martin Extension

Date Opened 10/14 By (print) CB (sign) [signature]
Date Logged in ↓ By (print) DTN (sign) [signature]
Date Labeled ____ By (print) CB (sign) [signature]

1. Did cooler come with a shipping slip (airbill, etc) ____ YES (NO)
Shipping info ____

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
How many ____ Name ____ Date ____
2B. Were custody seals intact upon arrival? ____ YES NO (N/A)
3. Were custody papers dry and intact when received? ____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? ____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe) ____

☐ Bubble Wrap ☐ Foam blocks ☒ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) 4.1

☐ Temperature blank(s) included? ☐ Thermometer# ____ ☒ IR Gun# B

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? ____ YES NO
If YES, what time were they transferred to freezer? ____
9. Did all bottles arrive unbroken/unopened? ____ (YES) NO
10. Are there any missing / extra samples? ____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? ____ (YES) NO
12. Are sample labels present, in good condition and complete? ____ (YES) NO
13. Do the sample labels agree with custody papers? ____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? ____ (YES) NO
15. Are the samples appropriately preserved? ____ (YES) NO N/A CB
16. Did you check preservatives for all bottles for each sample? ____ (YES) NO N/A CB
17. Did you document your preservative check? (pH strip lot# 80BDH1461) (YES) NO N/A CB
18. Did you change the hold time in LIMS for unpreserved VOAs? ____ YES NO N/A
19. Did you change the hold time in LIMS for preserved terracores? ____ YES NO N/A
20. Are bubbles > 6mm absent in VOA samples? ____ YES (NO) N/A
21. Was the client contacted concerning this sample delivery? ____ YES (NO)
If YES, Who was called? ____ By ____ Date: ____

COMMENTS
20 1/3 Voa For Sample 011 Record with bubbles >6mm
added HNO3 to Sample 002, 0101 to pH<2 @ 10/14/16 2208

Curtis & Tompkins Sample Preservation for 282196

Sample	pH: <2	>9	>12	Other
-004a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[X]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
g	[ ]	[ ]	[ ]	_____
h	[ ]	[ ]	[ ]	_____
i	[ ]	[ ]	[ ]	_____
j	[ ]	[ ]	[ ]	_____
k	[ ]	[ ]	[ ]	_____
-010a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[X]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
g	[ ]	[ ]	[ ]	_____
h	[ ]	[ ]	[ ]	_____
i	[ ]	[ ]	[ ]	_____
j	[ ]	[ ]	[ ]	_____
k	[ ]	[ ]	[ ]	_____

Analyst: CB
Date: 10/14/16

Curtis & Tompkins, Ltd.

Detections Summary for 282196

Results for any subcontracted analyses are not included in this summary.

Client : ERM
Project : 0363086
Location : Martin Extension

Client Sample ID : SB-5-1 Laboratory Sample ID : 282196-001

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.096	J	1.1	0.057	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	32	Y	1.0	0.31	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	210		5.0	1.5	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Acetone	3.8	J	19	3.1	ug/Kg	As Recd	0.9506	EPA 8260B	EPA 5030B
Fluoranthene	38	J	200	31	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
Pyrene	51	J	200	33	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
Benzo(a)anthracene	37	J	200	31	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
Chrysene	45	J	200	34	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
Benzo(b)fluoranthene	40	J	200	27	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
Benzo(a)pyrene	32	J	200	26	ug/Kg	As Recd	3.000	EPA 8270C	EPA 3550B
4,4'-DDE	510		160	29	ug/Kg	As Recd	50.00	EPA 8081A	EPA 3550B
4,4'-DDD	130	C,J	160	36	ug/Kg	As Recd	50.00	EPA 8081A	EPA 3550B
4,4'-DDT	240		160	23	ug/Kg	As Recd	50.00	EPA 8081A	EPA 3550B
gamma-Chlordane	26	C,J	85	12	ug/Kg	As Recd	50.00	EPA 8081A	EPA 3550B
Aroclor-1254	54		12	3.1	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Aroclor-1260	200		12	2.0	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Antimony	21		1.9	0.15	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	12		0.24	0.071	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	290		0.24	0.052	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.35		0.097	0.012	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	1.9		0.24	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	99		0.24	0.061	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	8.4		0.24	0.029	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	130		0.24	0.081	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	790		24	6.8	mg/Kg	As Recd	100.0	EPA 6010B	EPA 3050B
Mercury	4.2		0.16	0.029	mg/Kg	As Recd	10.00	EPA 7471A	METHOD
Molybdenum	0.57		0.24	0.047	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	22		0.24	0.064	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	55		0.24	0.055	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	860		97	19	mg/Kg	As Recd	100.0	EPA 6010B	EPA 3050B

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Client Sample ID : SB-5-5 Laboratory Sample ID : 282196-002

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.069	J	0.96	0.051	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	43	Y	10	3.1	mg/Kg	As Recd	10.00	EPA 8015B	EPA 3550B
Motor Oil C24-C36	570		50	15	mg/Kg	As Recd	10.00	EPA 8015B	EPA 3550B
Acetone	4.8	J	17	2.8	ug/Kg	As Recd	0.8432	EPA 8260B	EPA 5030B
Antimony	1.9	J	2.0	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	6.2		0.27	0.077	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	62		0.27	0.057	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.21		0.11	0.013	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.36		0.27	0.027	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	40		0.27	0.067	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	28		0.27	0.032	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	12		0.27	0.089	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	14		0.27	0.074	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.098		0.017	0.0030	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.54		0.27	0.052	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	21		0.27	0.070	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Silver	2.7		0.27	0.042	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Thallium	0.33	J	0.53	0.15	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	40		0.27	0.061	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	33		1.1	0.21	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : SB-5-GW Laboratory Sample ID : 282196-004

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	270	Y	50	16	ug/L	As Recd	1.000	EPA 8015B	EPA 3520C
Motor Oil C24-C36	1,700		300	96	ug/L	As Recd	1.000	EPA 8015B	EPA 3520C
MTBE	1,200		8.3	1.9	ug/L	As Recd	16.67	EPA 8260B	EPA 5030B
Arsenic	32		5.0	1.3	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Barium	570		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Beryllium	2.0		2.0	0.20	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Cadmium	3.2	J	5.0	0.40	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Chromium	600		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Cobalt	110		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Copper	51		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Lead	72		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Mercury	0.19	J	0.20	0.040	ug/L	TOTAL	1.000	EPA 7470A	METHOD
Molybdenum	17		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Nickel	500		5.0	0.50	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Thallium	5.1	J	10	1.9	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Vanadium	440		5.0	0.57	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Zinc	320		20	5.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A

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Client Sample ID : SB-2-1 Laboratory Sample ID : 282196-005

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.083	J	1.0	0.053	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	100	Y	20	6.1	mg/Kg	As Recd	20.00	EPA 8015B	EPA 3550B
Motor Oil C24-C36	930		100	30	mg/Kg	As Recd	20.00	EPA 8015B	EPA 3550B
Acetone	54		19	3.1	ug/Kg	As Recd	0.9294	EPA 8260B	EPA 5030B
2-Butanone	6.9	J	9.3	1.2	ug/Kg	As Recd	0.9294	EPA 8260B	EPA 5030B
Benzo(a)anthracene	1,200	J	6,600	1,000	ug/Kg	As Recd	50.00	EPA 8270C	EPA 3550B
Benzo(b)fluoranthene	950	J	6,600	890	ug/Kg	As Recd	50.00	EPA 8270C	EPA 3550B
Aroclor-1254	18		12	3.0	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Aroclor-1260	27		12	1.9	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Antimony	1.2	J	2.0	0.16	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	3.3		0.27	0.078	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	150		0.27	0.058	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.29		0.11	0.013	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.56		0.27	0.027	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	120		0.27	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	8.1		0.27	0.032	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	25		0.27	0.090	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	31		0.27	0.075	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.15		0.017	0.0030	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.86		0.27	0.053	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	32		0.27	0.071	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Thallium	0.39	J	0.54	0.15	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	42		0.27	0.061	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	86		1.1	0.22	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

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Client Sample ID : SB-2-3 Laboratory Sample ID : 282196-006

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Gasoline C7-C12	0.077	J	0.98	0.052	mg/Kg	As Recd	1.000	EPA 8015B	EPA 5030B
Diesel C10-C24	12	Y	3.0	0.91	mg/Kg	As Recd	3.000	EPA 8015B	EPA 3550B
Motor Oil C24-C36	120		15	4.5	mg/Kg	As Recd	3.000	EPA 8015B	EPA 3550B
Acetone	65		19	3.1	ug/Kg	As Recd	0.9488	EPA 8260B	EPA 5030B
Methylene Chloride	1.2	J	19	1.1	ug/Kg	As Recd	0.9488	EPA 8260B	EPA 5030B
2-Butanone	9.5		9.5	1.3	ug/Kg	As Recd	0.9488	EPA 8260B	EPA 5030B
Aroclor-1260	87		12	1.9	ug/Kg	As Recd	1.000	EPA 8082	EPA 3550B
Antimony	4.4		2.0	0.15	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Arsenic	4.1		0.26	0.075	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	110		0.26	0.055	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.23		0.10	0.013	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.93		0.26	0.026	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	100		0.26	0.065	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	9.0		0.26	0.031	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	71		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	110		0.26	0.072	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.17		0.016	0.0030	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Molybdenum	0.77		0.26	0.050	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	26		0.26	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	49		0.26	0.059	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	170		1.0	0.21	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Curtis & Tompkins, Ltd.

Client Sample ID : SB-2-GW Laboratory Sample ID : 282196-010

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	16,000	Y	500	160	ug/L	As Recd	10.00	EPA 8015B	EPA 3520C
Motor Oil C24-C36	85,000		3,000	960	ug/L	As Recd	10.00	EPA 8015B	EPA 3520C
Gasoline C7-C12	9.2	J	50	6.4	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
MTBE	4.8		0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Benzene	0.1	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
4-Methyl-2-Pentanone	1.5	J	10	0.7	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Toluene	0.3	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
m,p-Xylenes	0.1	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
1,2,4-Trimethylbenzene	0.2	J	0.5	0.1	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Phenol	19	J	94	9.2	ug/L	As Recd	10.00	EPA 8270C	EPA 3520C
Antimony	14		10	2.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Arsenic	12		5.0	1.3	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Barium	290		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Beryllium	1.0	J	2.0	0.20	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Chromium	660		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Cobalt	33		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Copper	37		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Lead	56		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Mercury	0.33		0.20	0.040	ug/L	TOTAL	1.000	EPA 7470A	METHOD
Molybdenum	19		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Nickel	150		5.0	0.50	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Thallium	3.4	J	10	1.9	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Vanadium	310		5.0	0.57	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Zinc	170		20	5.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A

Client Sample ID : TRIP BLANK Laboratory Sample ID : 282196-011

No Detections

C = Presence confirmed, but RPD between columns exceeds 40%
J = Estimated value
Y = Sample exhibits chromatographic pattern which does not resemble standard

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	240218
Units:	mg/Kg	Sampled:	10/13/16
Basis:	as received	Received:	10/14/16
Diln Fac:	1.000		

Field ID: SB-5-1 Lab ID: 282196-001
Type: SAMPLE Analyzed: 10/18/16

Analyte	Result	RL	MDL
Gasoline C7-C12	0.096 J	1.1	0.057

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	78-138

Field ID: SB-5-5 Lab ID: 282196-002
Type: SAMPLE Analyzed: 10/18/16

Analyte	Result	RL	MDL
Gasoline C7-C12	0.069 J	0.96	0.051

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	78-138

Field ID: SB-2-1 Lab ID: 282196-005
Type: SAMPLE Analyzed: 10/18/16

Analyte	Result	RL	MDL
Gasoline C7-C12	0.083 J	1.0	0.053

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	78-138

Field ID: SB-2-3 Lab ID: 282196-006
Type: SAMPLE Analyzed: 10/18/16

Analyte	Result	RL	MDL
Gasoline C7-C12	0.077 J	0.98	0.052

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	78-138

Type: BLANK Analyzed: 10/17/16
Lab ID: QC855924

Analyte	Result	RL	MDL
Gasoline C7-C12	0.11 J	1.0	0.053

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	78-138

J= Estimated value
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	282171-001	Batch#:	240218
Matrix:	Soil	Sampled:	10/14/16
Units:	mg/Kg	Received:	10/14/16
Basis:	as received	Analyzed:	10/18/16

Type: MS Lab ID: QC855922

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1157	10.53	7.103	66	50-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	78-138

Type: MSD Lab ID: QC855923

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.20	6.208	60	50-120	10	31

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	78-138

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	240218
Units:	mg/Kg	Analyzed:	10/17/16
Diln Fac:	1.000		

Type: BS Lab ID: QC855962

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.038	104	80-121

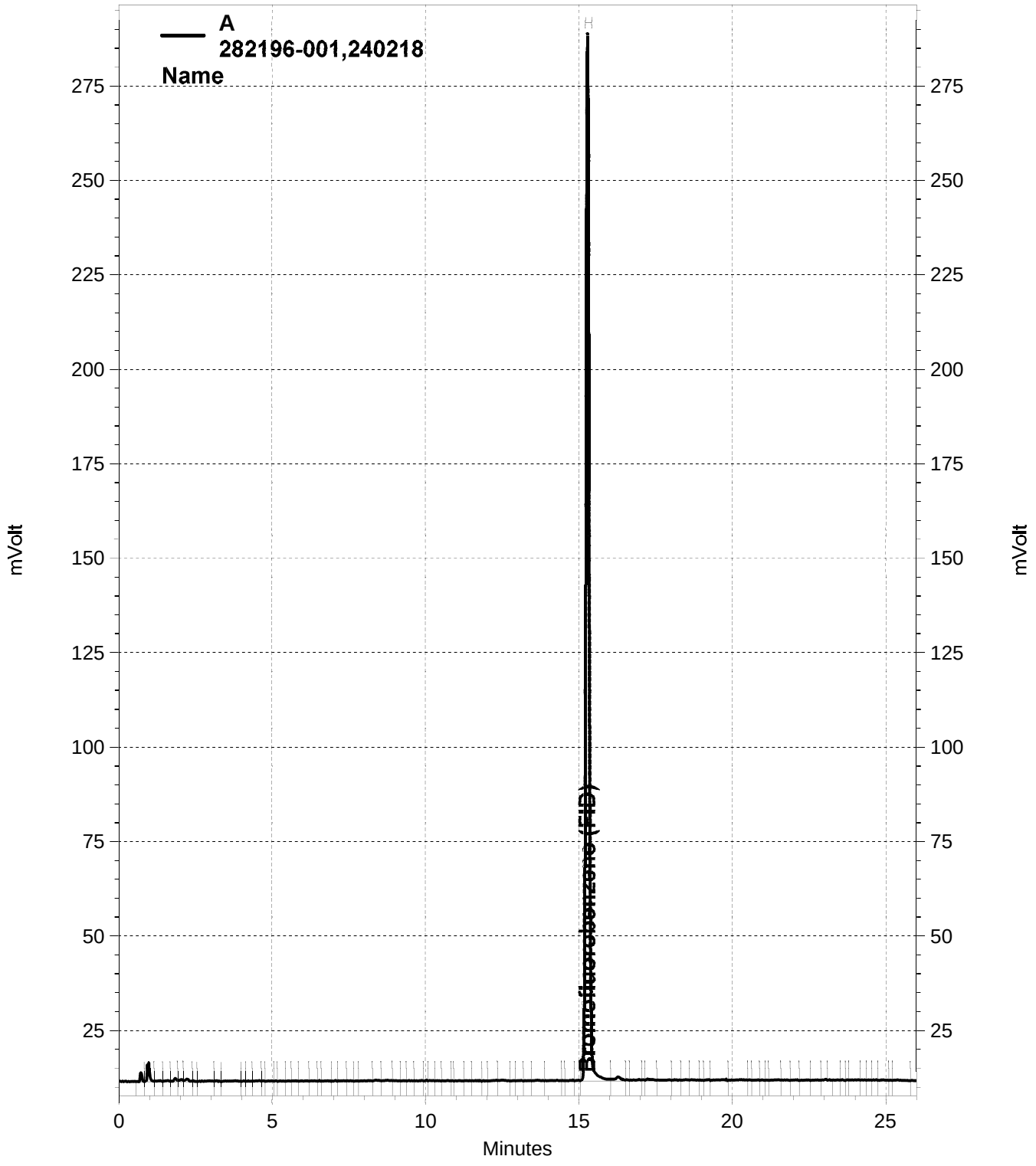
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	78-138

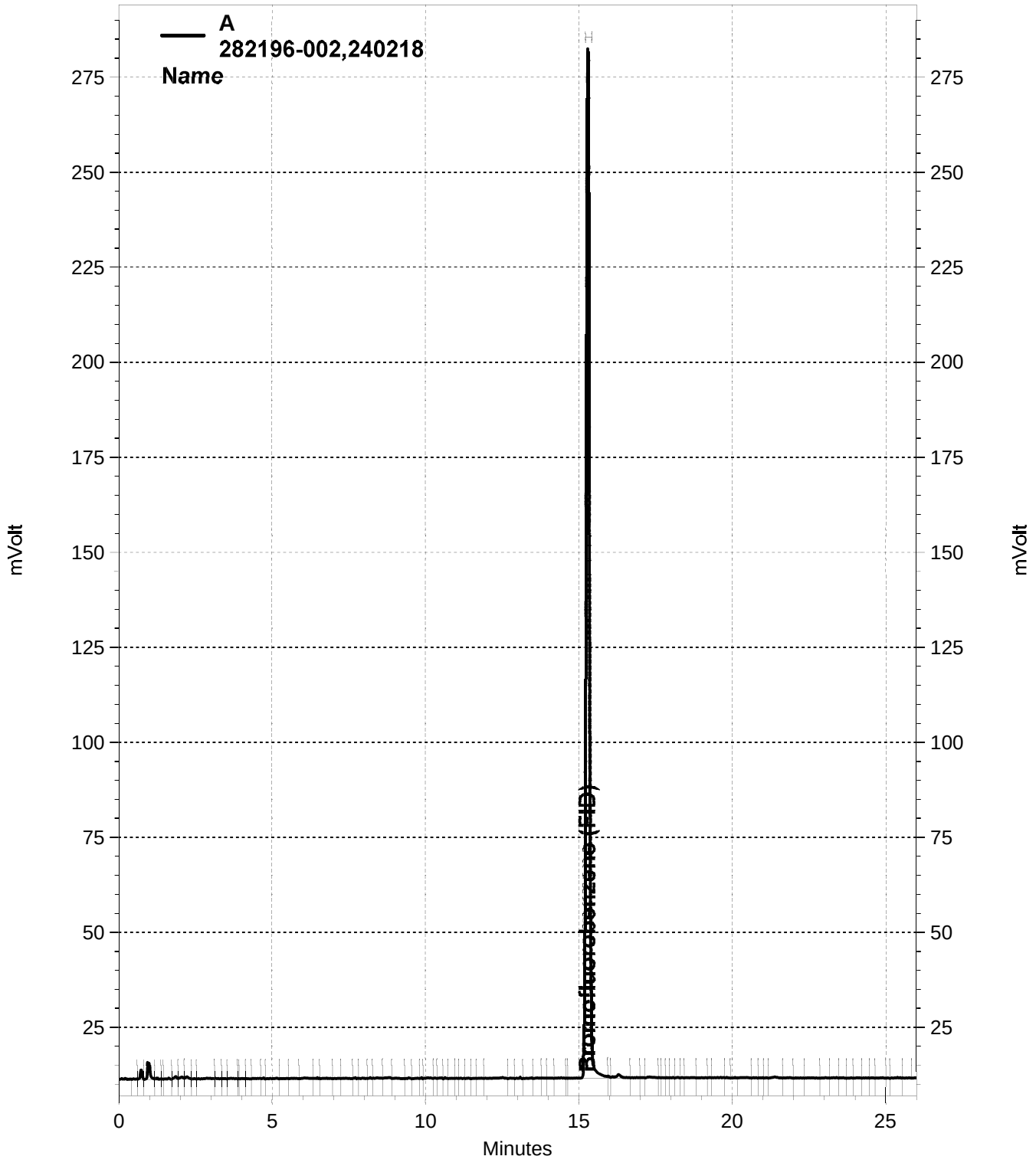
Type: BSD Lab ID: QC855963

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2.000	2.111	106	80-121	2	20

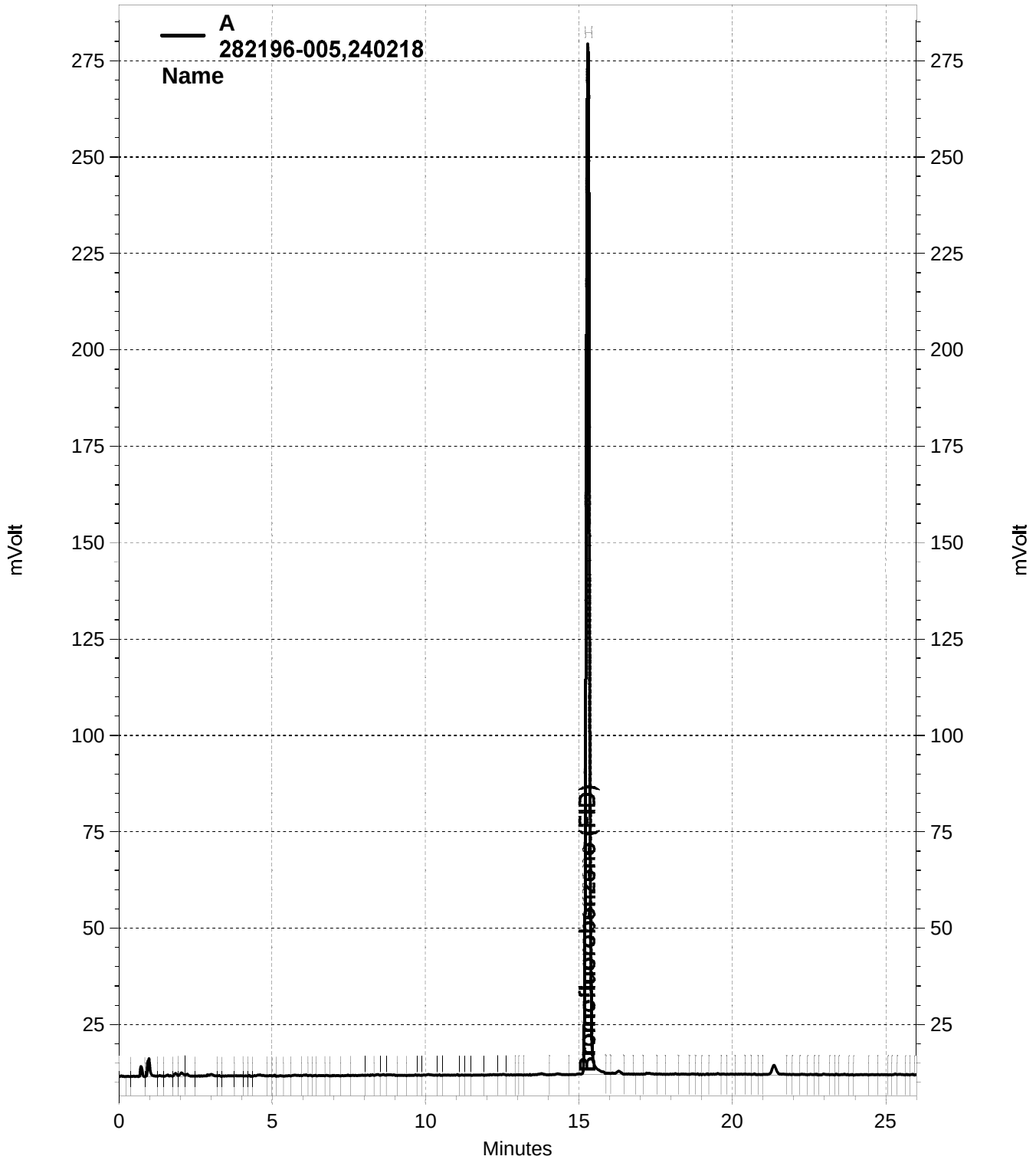
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	78-138

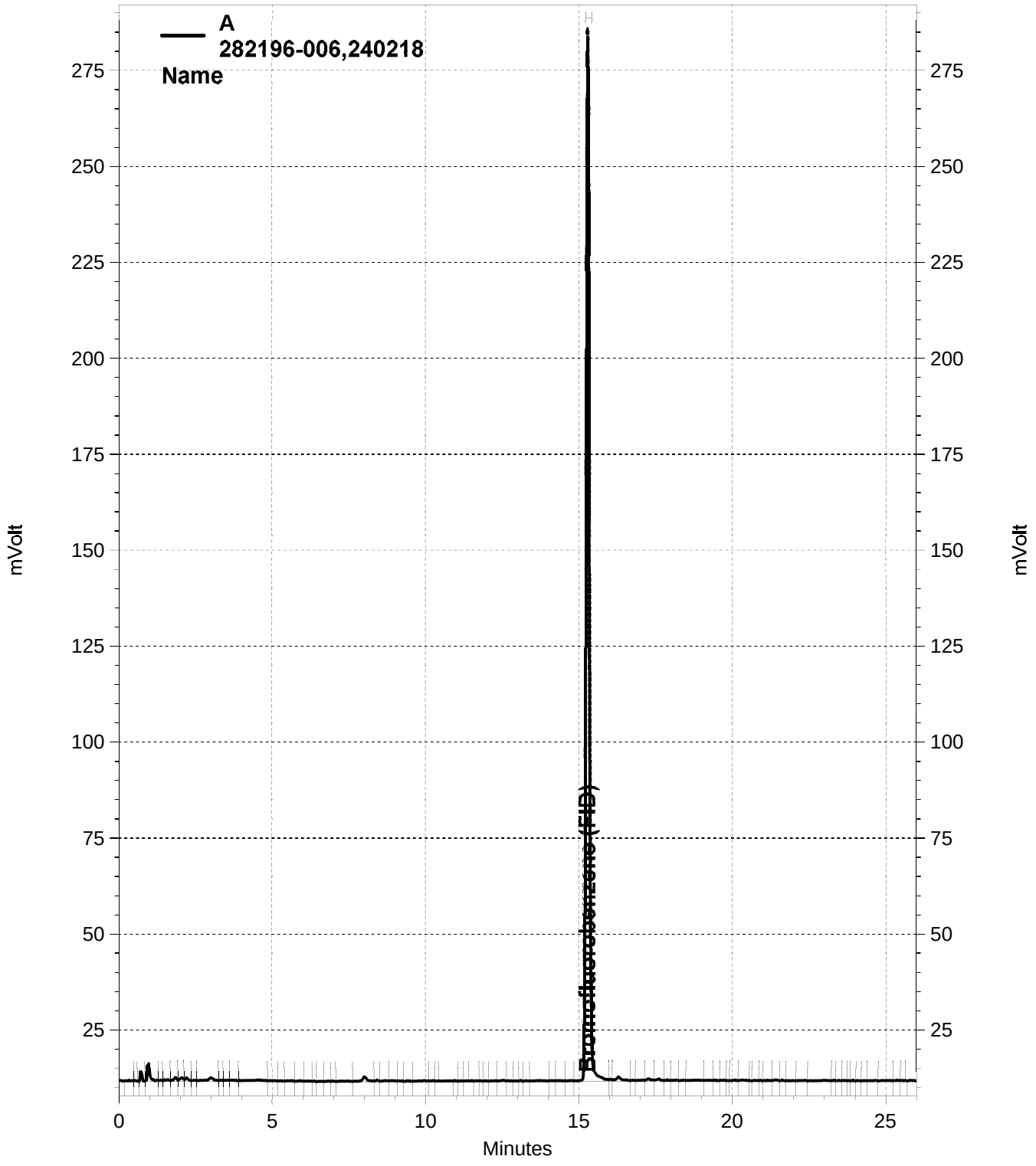
RPD= Relative Percent Difference

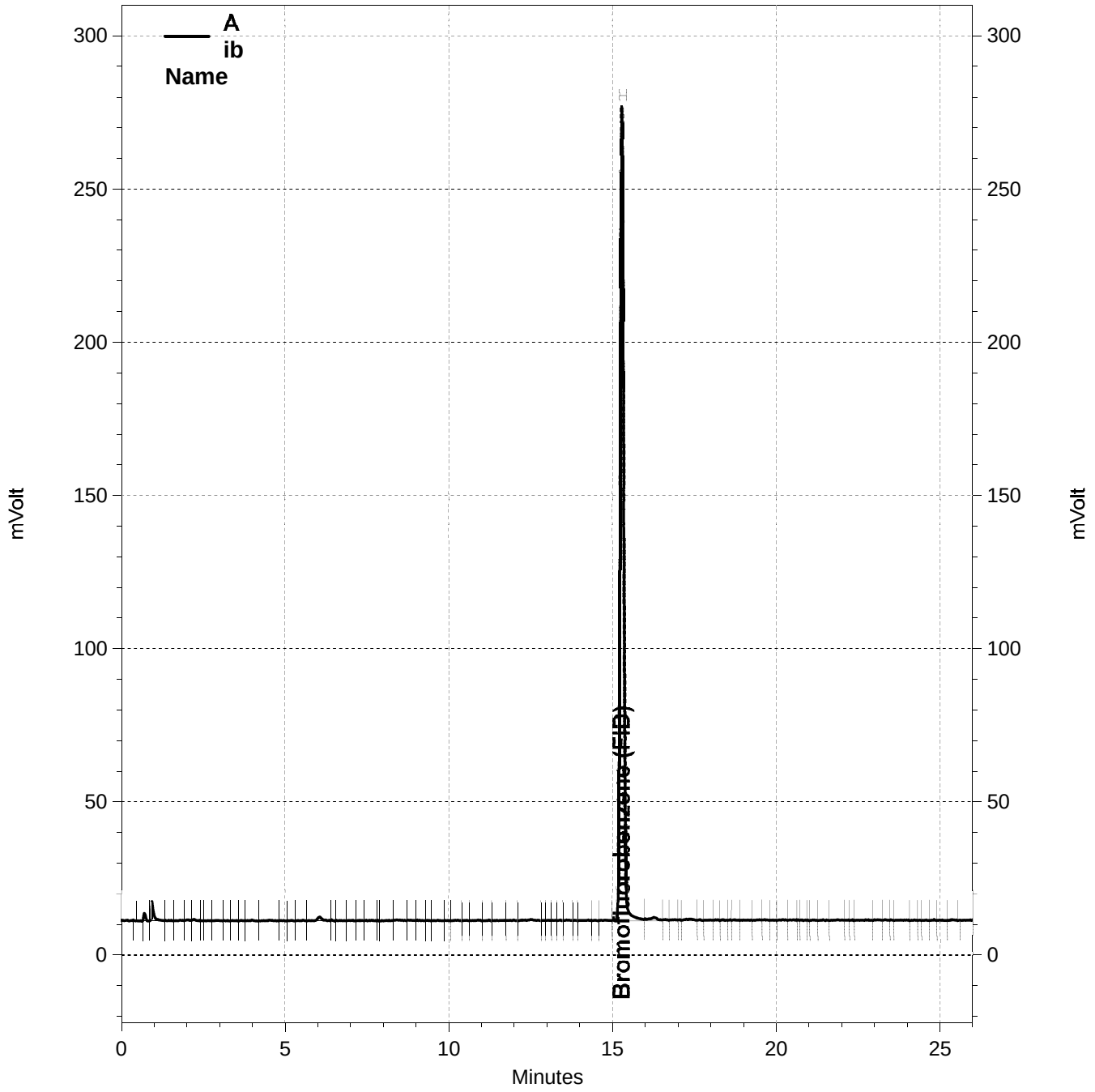

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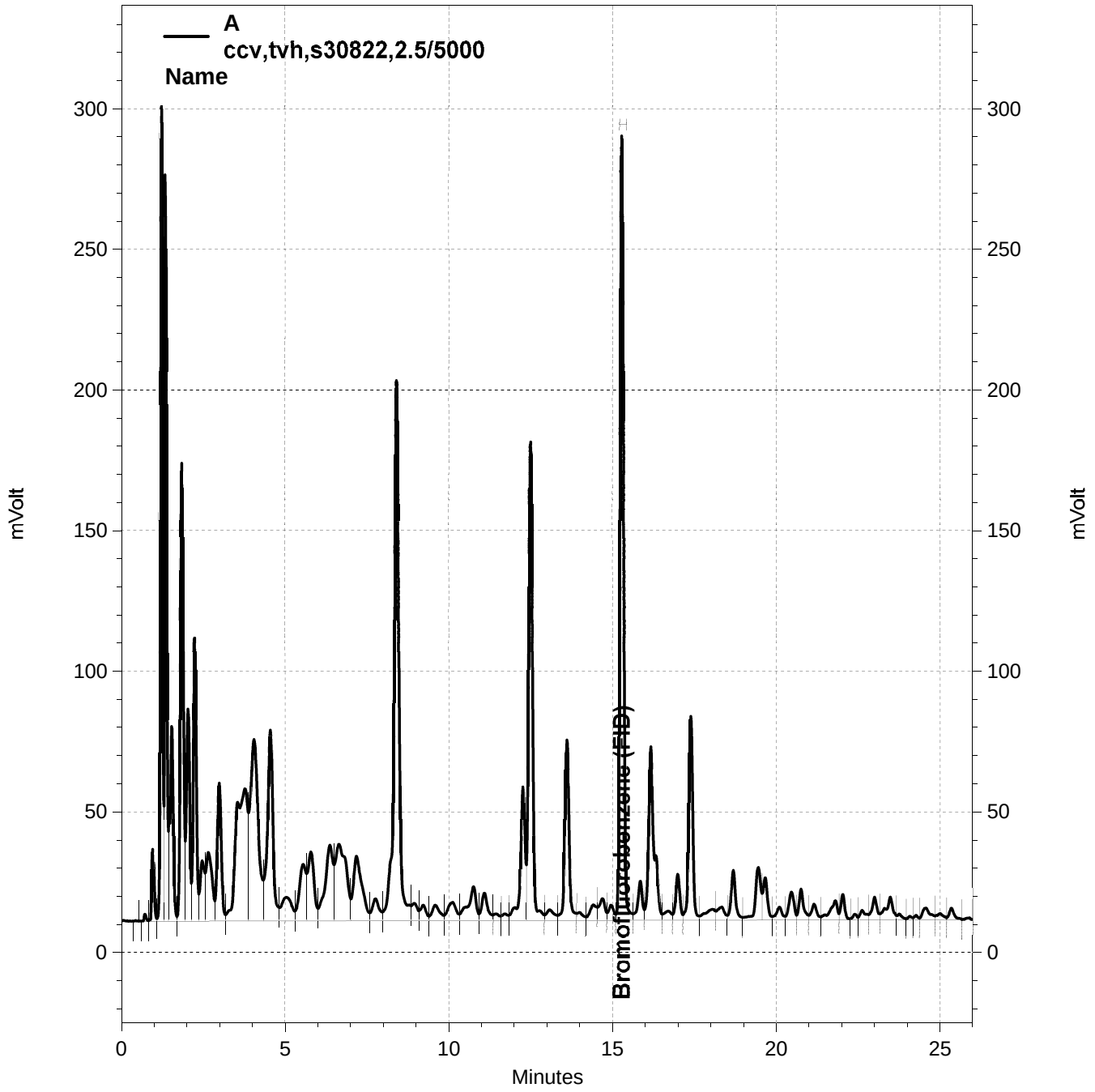
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200
175
150
125
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Minutes
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15
20
25
Minutes
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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Prepared:	10/19/16
Batch#:	240325		

Field ID:	SB-5-GW	Diln Fac:	1.000
Type:	SAMPLE	Sampled:	10/13/16
Lab ID:	282196-004	Analyzed:	10/21/16

Analyte	Result	RL	MDL
Diesel C10-C24	270 Y	50	16
Motor Oil C24-C36	1,700	300	96

Surrogate	%REC	Limits
o-Terphenyl	81	67-136

Field ID:	SB-2-GW	Diln Fac:	10.00
Type:	SAMPLE	Sampled:	10/14/16
Lab ID:	282196-010	Analyzed:	10/21/16

Analyte	Result	RL	MDL
Diesel C10-C24	16,000 Y	500	160
Motor Oil C24-C36	85,000	3,000	960

Surrogate	%REC	Limits
o-Terphenyl	DO	67-136

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856364	Analyzed:	10/20/16

Analyte	Result	RL	MDL
Diesel C10-C24	ND	50	16
Motor Oil C24-C36	ND	300	96

Surrogate	%REC	Limits
o-Terphenyl	95	67-136

Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	240325
Units:	ug/L	Prepared:	10/19/16
Diln Fac:	1.000	Analyzed:	10/20/16

Type: BS Lab ID: QC856365

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,161	86	60-121

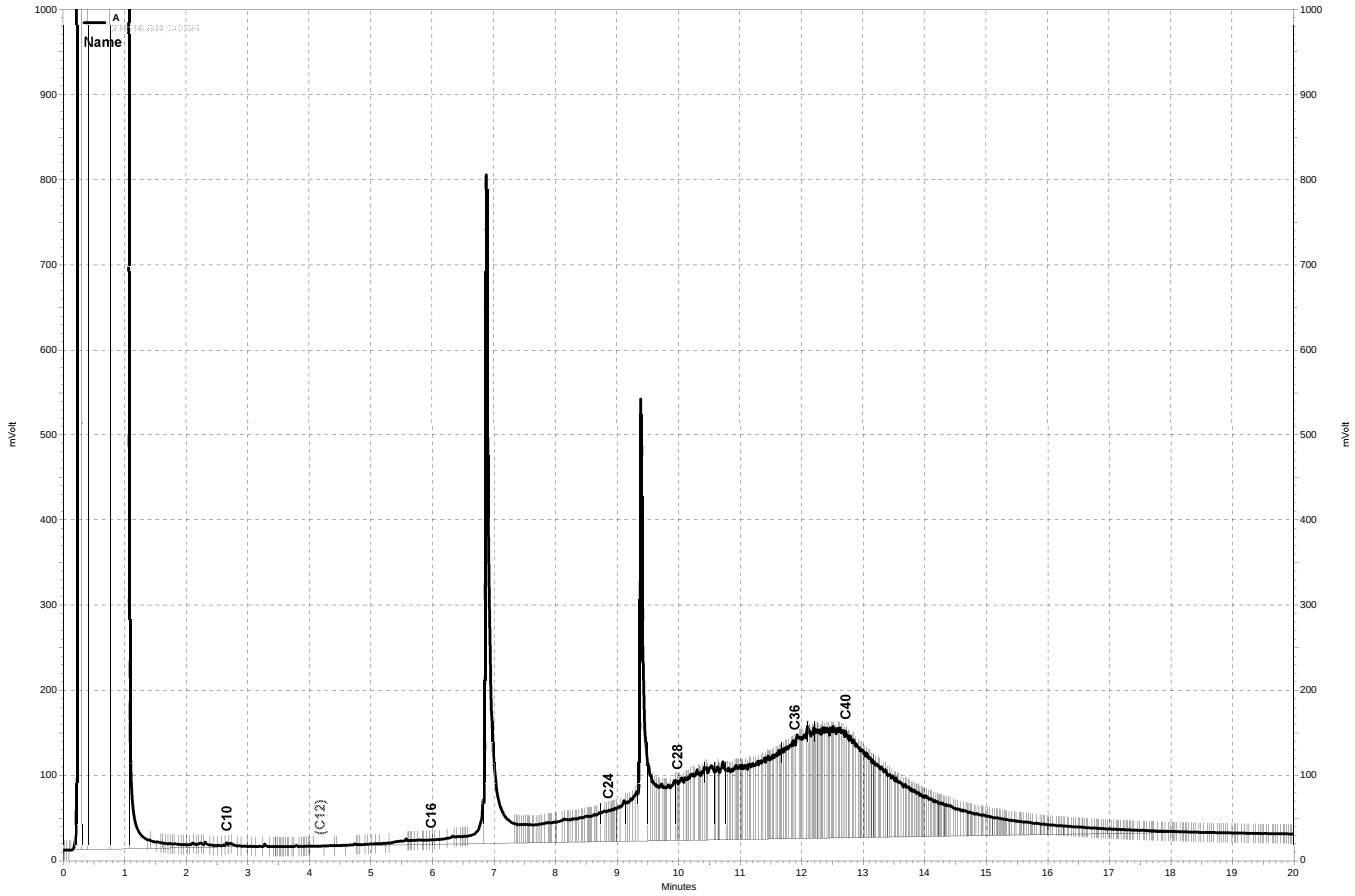
Surrogate	%REC	Limits
o-Terphenyl	105	67-136

Type: BSD Lab ID: QC856366

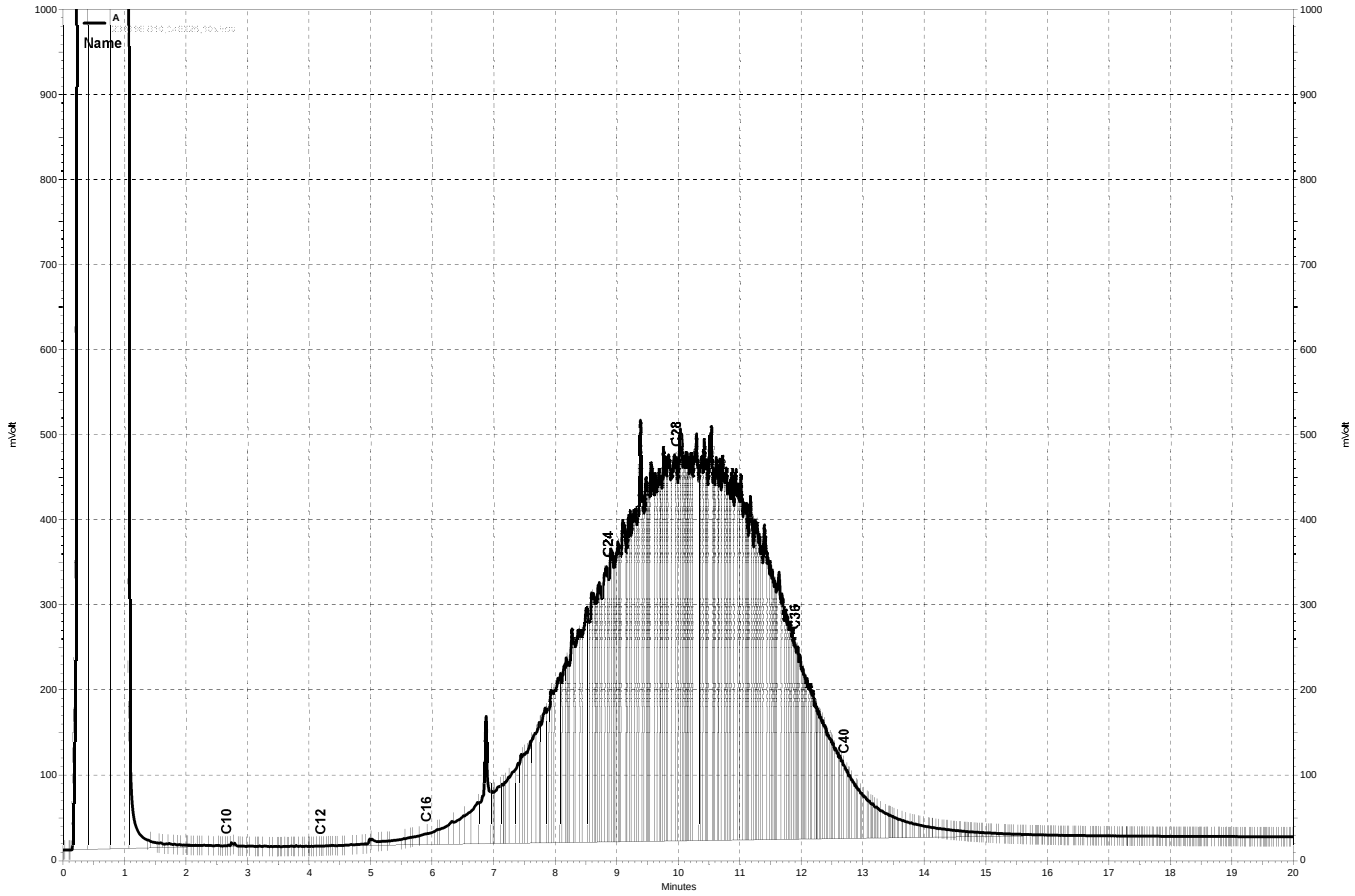
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,108	84	60-121	2	32

Surrogate	%REC	Limits
o-Terphenyl	100	67-136

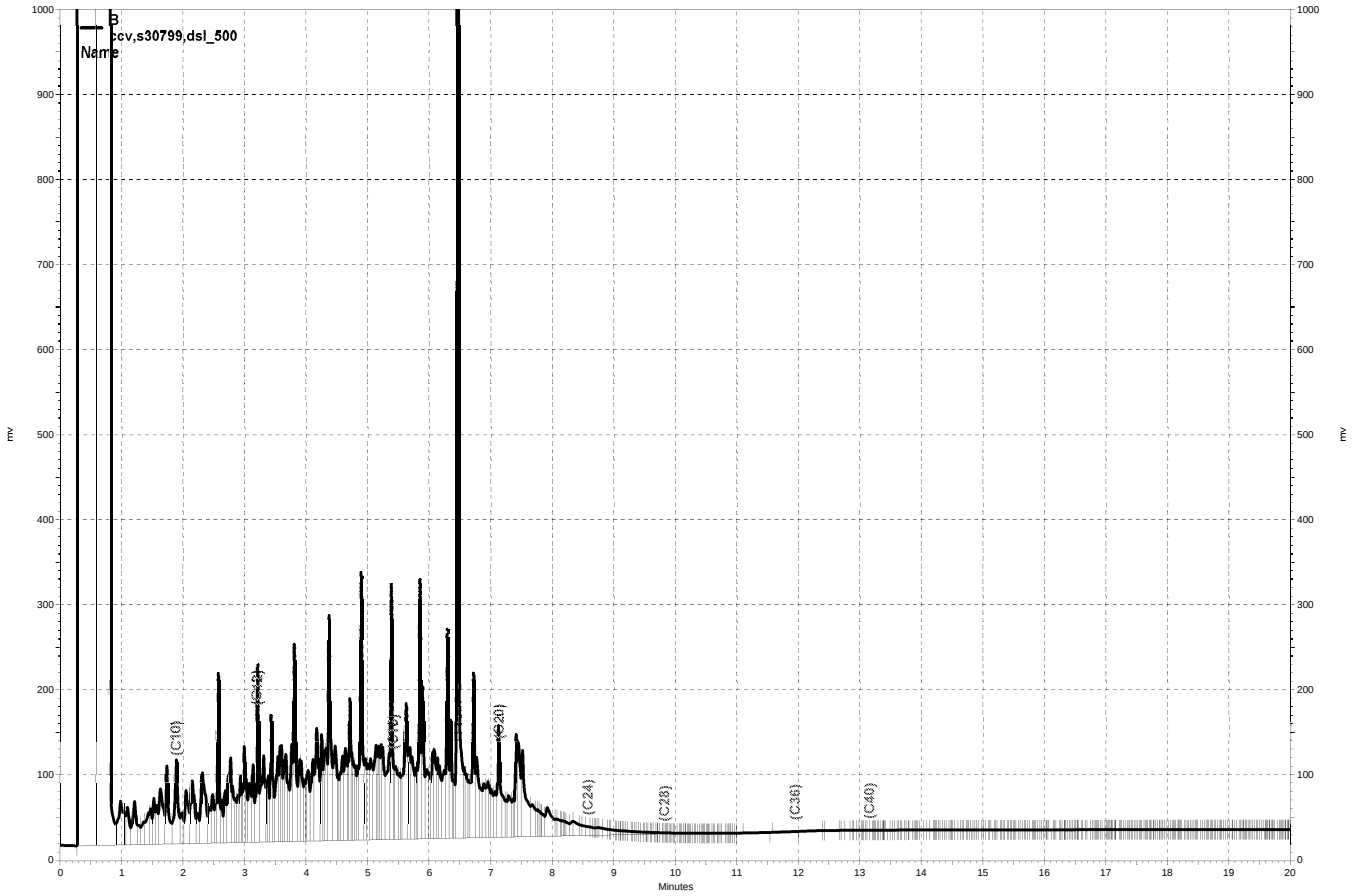
RPD= Relative Percent Difference



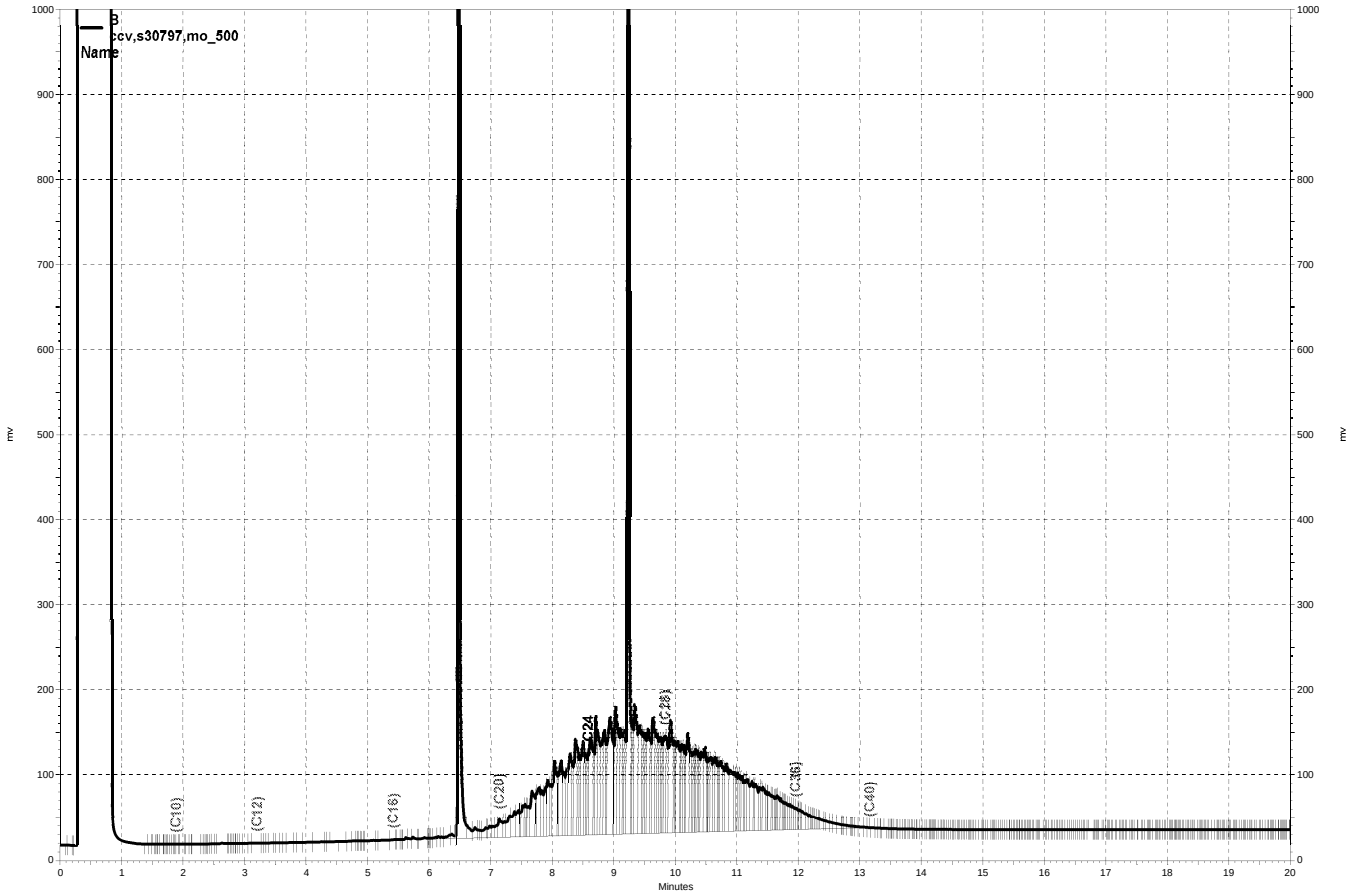
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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/14/16
Basis:	as received	Prepared:	10/17/16

Field ID:	SB-5-1	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	240208
Lab ID:	282196-001	Analyzed:	10/17/16

Analyte	Result	RL	MDL
Diesel C10-C24	32 Y	1.0	0.31
Motor Oil C24-C36	210	5.0	1.5

Surrogate	%REC	Limits
o-Terphenyl	75	59-140

Field ID:	SB-5-5	Diln Fac:	10.00
Type:	SAMPLE	Batch#:	240237
Lab ID:	282196-002	Analyzed:	10/18/16

Analyte	Result	RL	MDL
Diesel C10-C24	43 Y	10	3.1
Motor Oil C24-C36	570	50	15

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID:	SB-2-1	Diln Fac:	20.00
Type:	SAMPLE	Batch#:	240208
Lab ID:	282196-005	Analyzed:	10/17/16

Analyte	Result	RL	MDL
Diesel C10-C24	100 Y	20	6.1
Motor Oil C24-C36	930	100	30

Surrogate	%REC	Limits
o-Terphenyl	DO	59-140

Field ID:	SB-2-3	Diln Fac:	3.000
Type:	SAMPLE	Batch#:	240237
Lab ID:	282196-006	Analyzed:	10/18/16

Analyte	Result	RL	MDL
Diesel C10-C24	12 Y	3.0	0.91
Motor Oil C24-C36	120	15	4.5

Surrogate	%REC	Limits
o-Terphenyl	90	59-140

Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/14/16
Basis:	as received	Prepared:	10/17/16

Type:	BLANK	Batch#:	240208
Lab ID:	QC855892	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Diesel C10-C24	ND	1.0	0.31
Motor Oil C24-C36	ND	5.0	1.5

Surrogate	%REC	Limits
o-Terphenyl	104	59-140

Type:	BLANK	Batch#:	240237
Lab ID:	QC856002	Analyzed:	10/18/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Diesel C10-C24	ND	1.0	0.31
Motor Oil C24-C36	ND	5.0	1.5

Surrogate	%REC	Limits
o-Terphenyl	99	59-140

Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC855893	Batch#:	240208
Matrix:	Soil	Prepared:	10/17/16
Units:	mg/Kg	Analyzed:	10/17/16

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.17	46.46	93	58-137

Surrogate	%REC	Limits
o-Terphenyl	97	59-140

Curtis & Tompkins, Ltd.

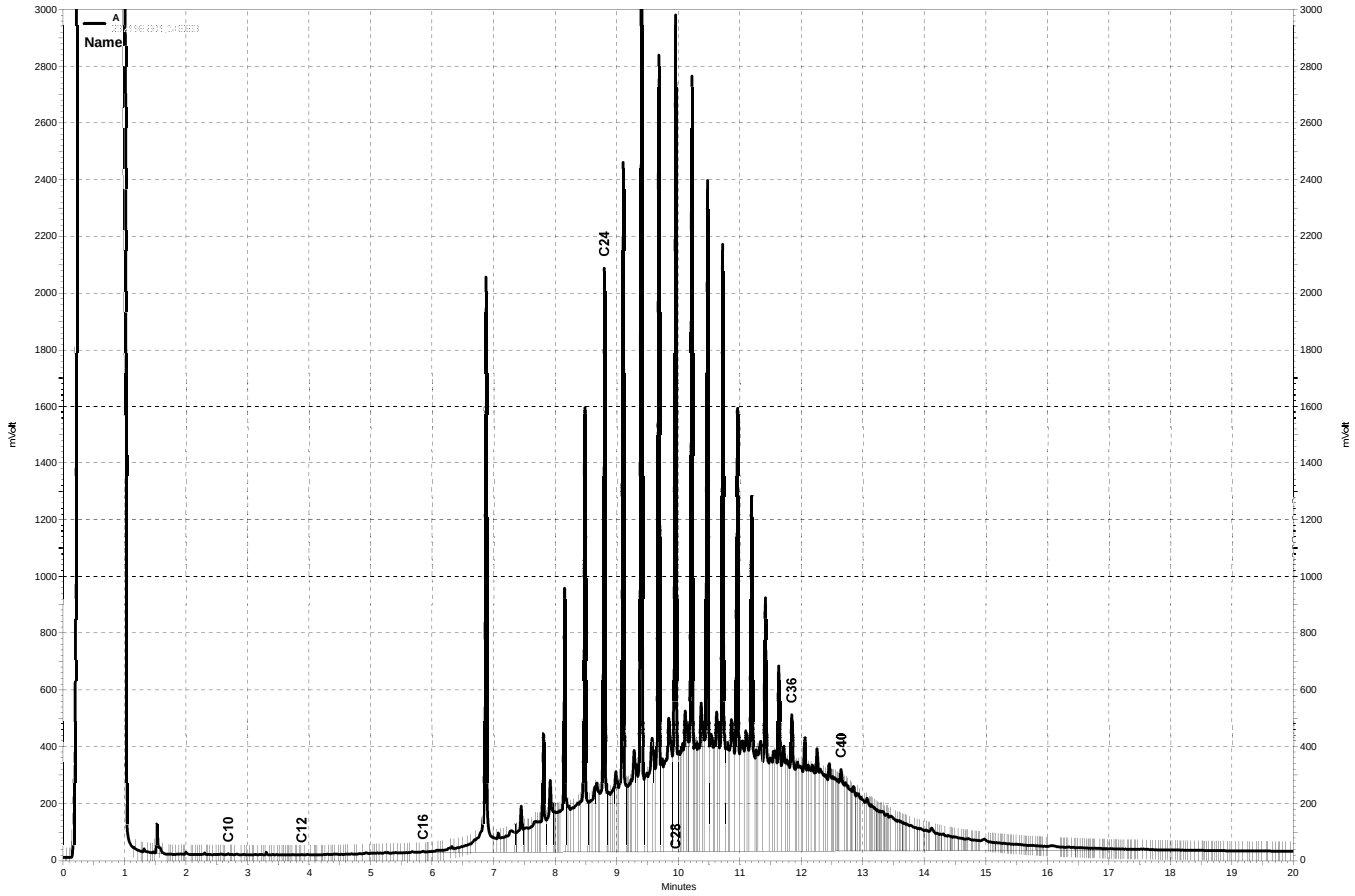
Batch QC Report

Total Extractable Hydrocarbons

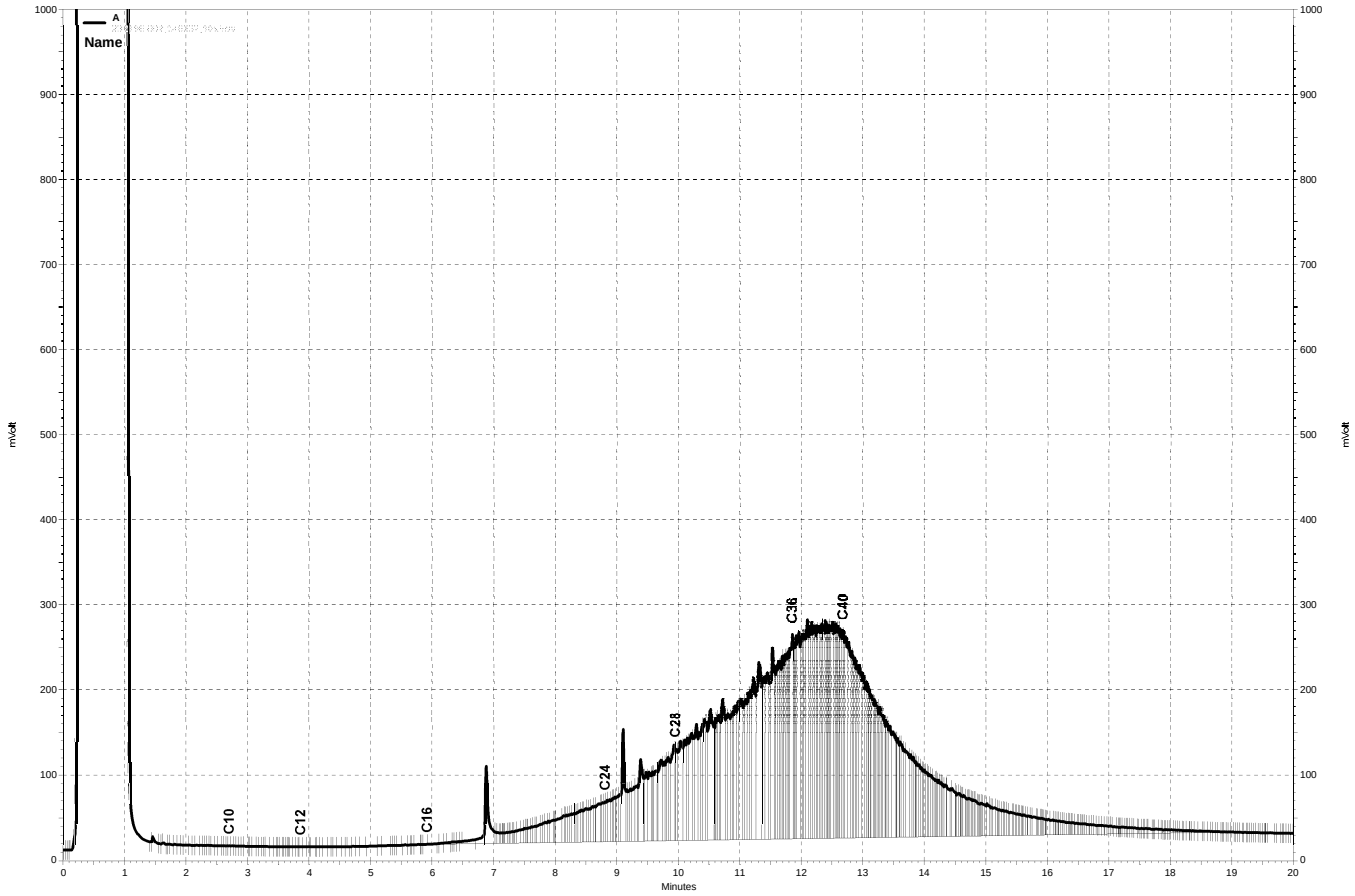
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Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC856003	Batch#:	240237
Matrix:	Soil	Prepared:	10/17/16
Units:	mg/Kg	Analyzed:	10/18/16

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.82	45.93	92	58-137

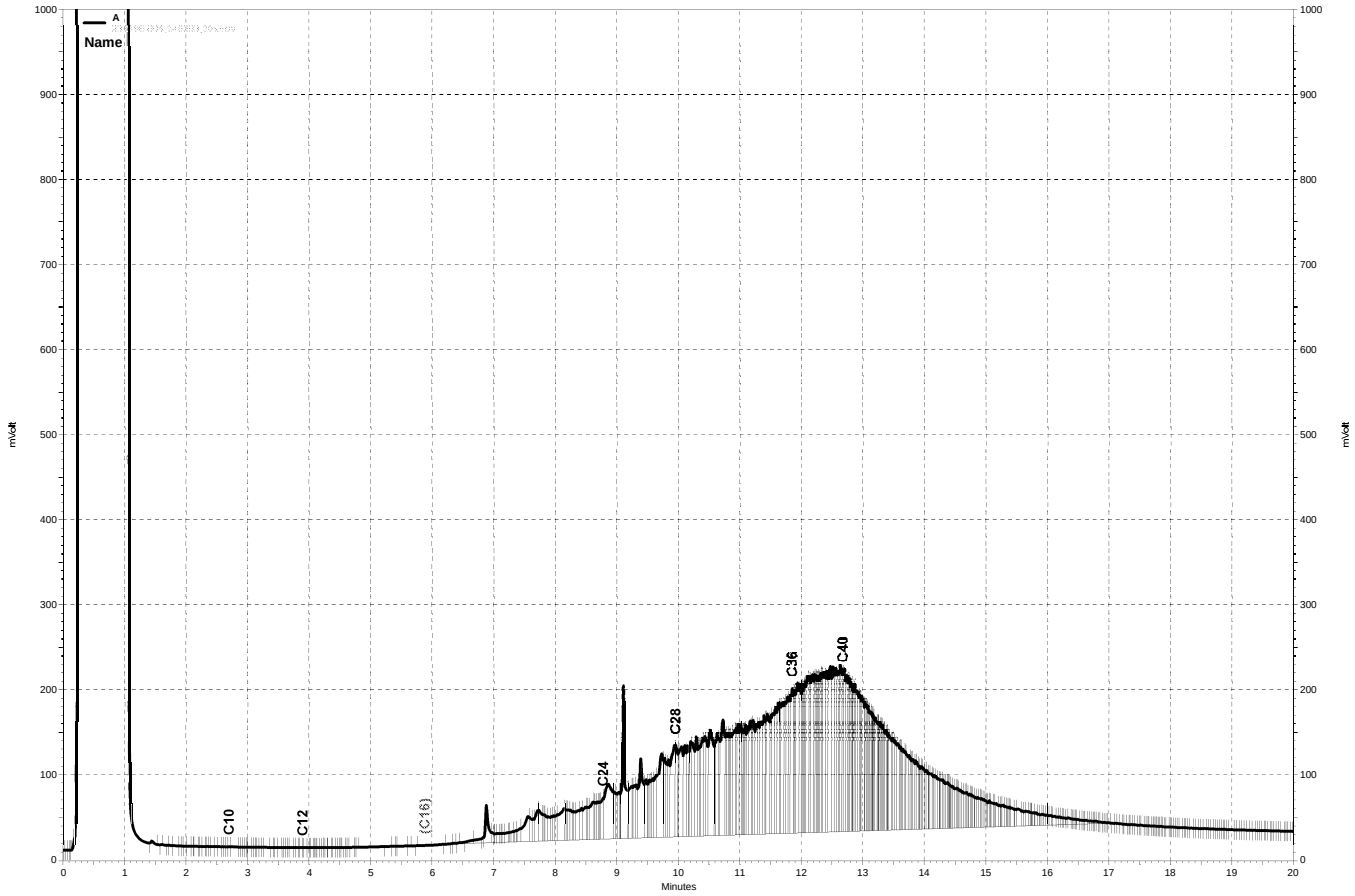
Surrogate	%REC	Limits
o-Terphenyl	97	59-140



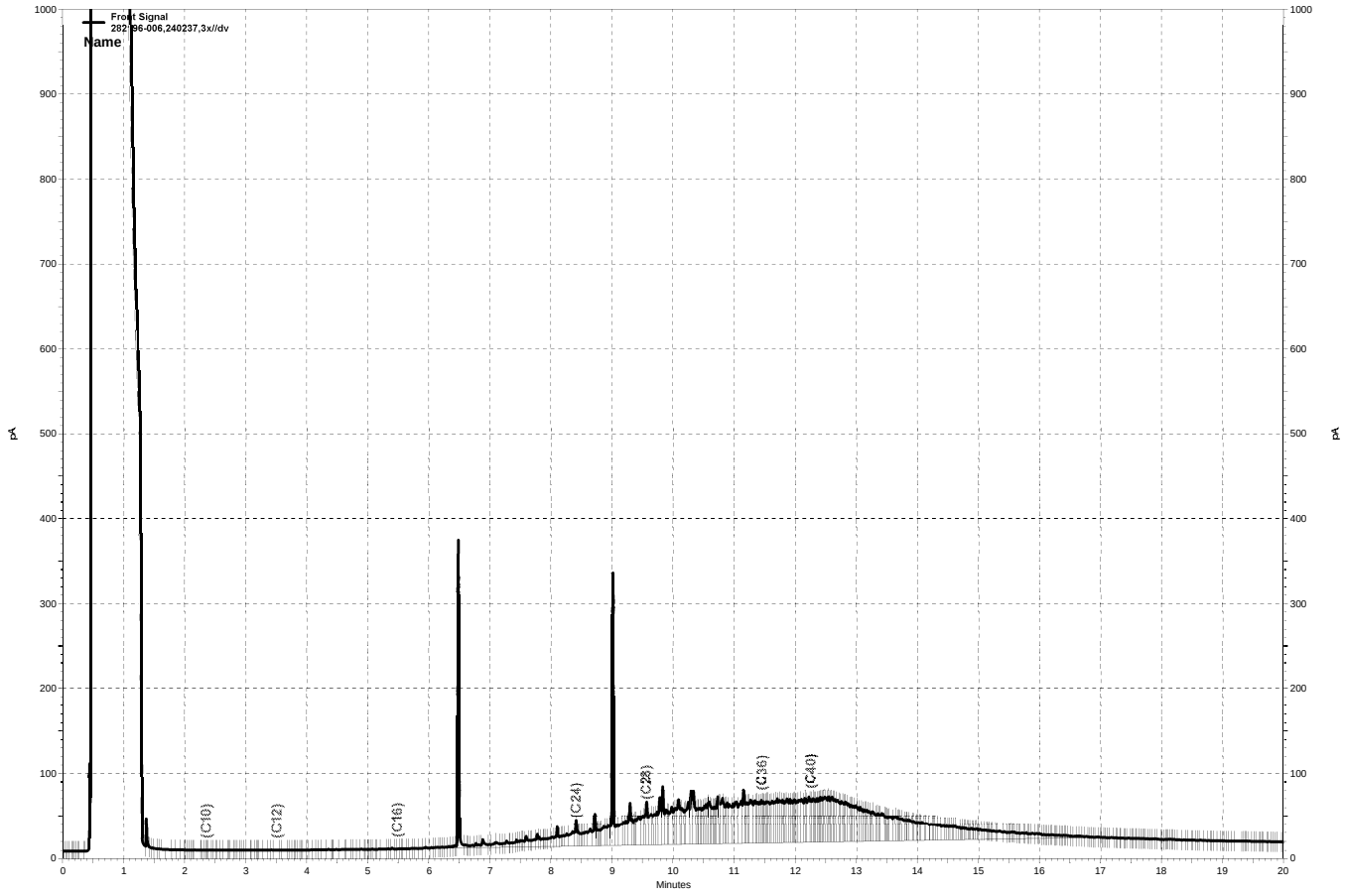
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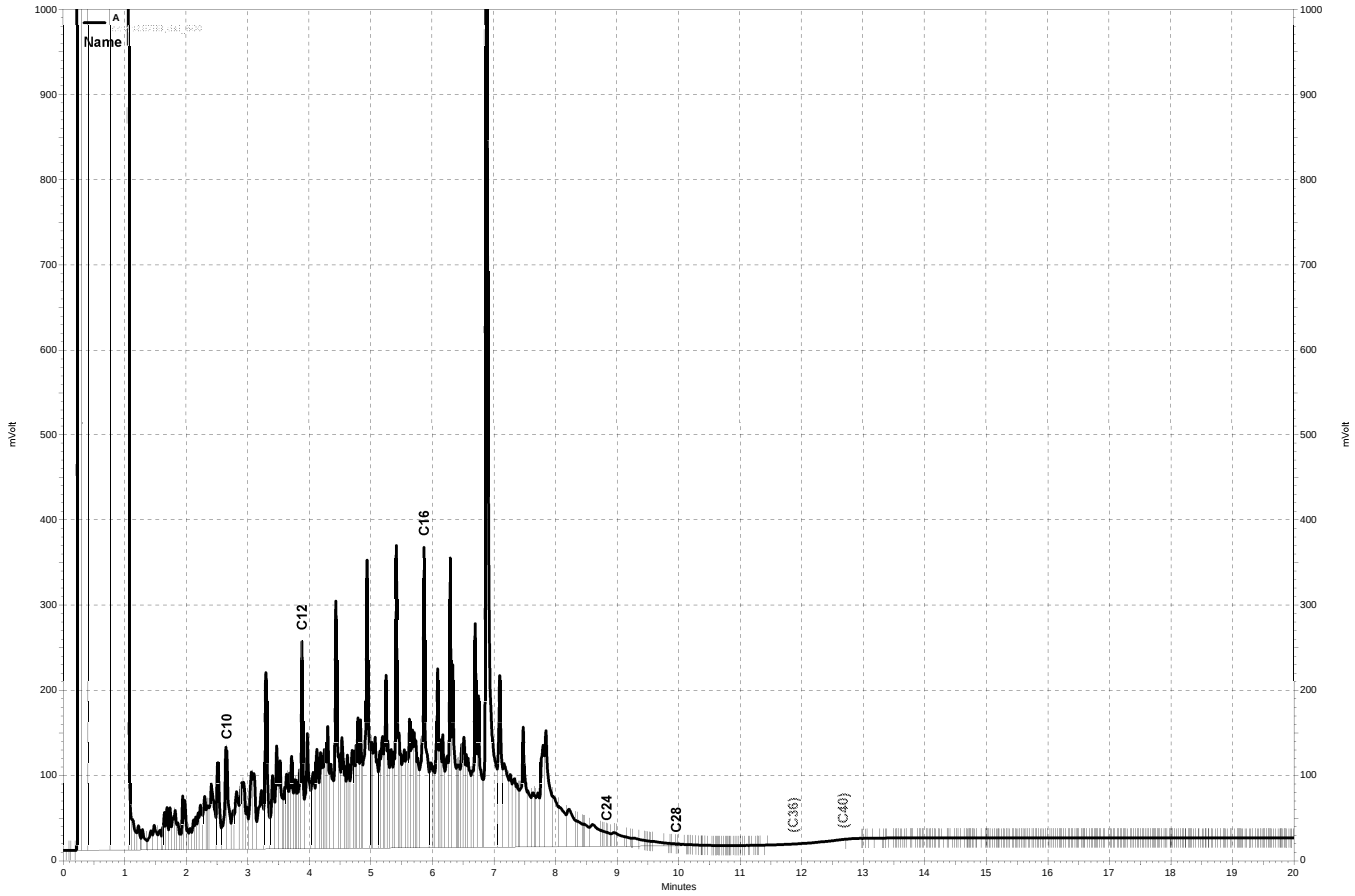
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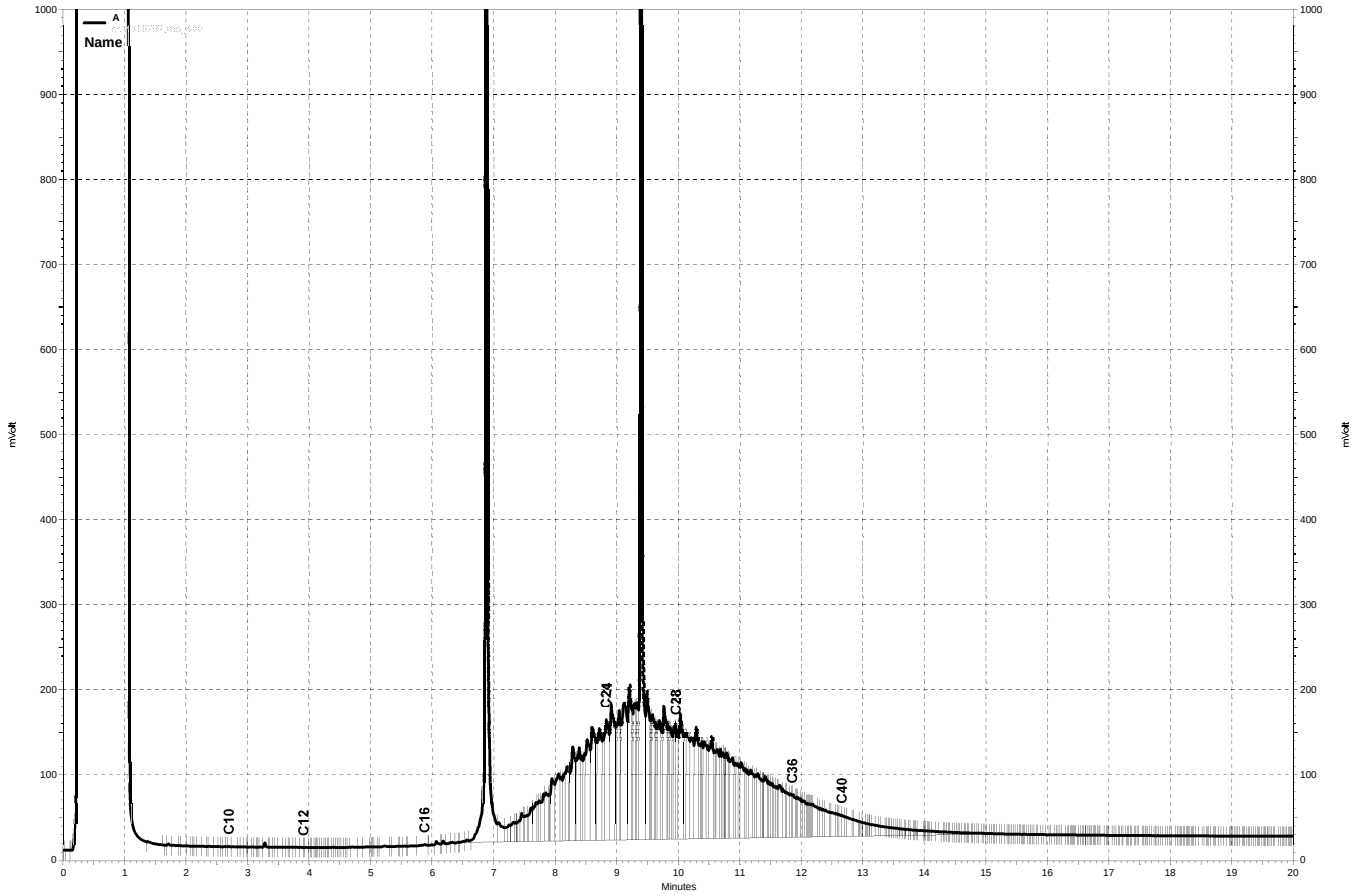
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Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-5-GW	Batch#:	240209
Lab ID:	282196-004	Sampled:	10/13/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	16.67		

Analyte	Result	RL	MDL
Gasoline C7-C12	ND	830	110
Freon 12	ND	17	1.7
Chloromethane	ND	17	4.5
Vinyl Chloride	ND	8.3	1.7
Bromomethane	ND	17	3.0
Chloroethane	ND	17	4.5
Trichlorofluoromethane	ND	17	3.8
Acetone	ND	170	55
Freon 113	ND	33	2.2
1,1-Dichloroethene	ND	8.3	2.5
Methylene Chloride	ND	170	2.9
Carbon Disulfide	ND	8.3	1.7
MTBE	1,200	8.3	1.9
trans-1,2-Dichloroethene	ND	8.3	2.5
Vinyl Acetate	ND	170	19
1,1-Dichloroethane	ND	8.3	2.6
2-Butanone	ND	170	8.3
cis-1,2-Dichloroethene	ND	8.3	2.1
2,2-Dichloropropane	ND	8.3	2.4
Chloroform	ND	8.3	1.7
Bromochloromethane	ND	8.3	2.3
1,1,1-Trichloroethane	ND	8.3	2.1
1,1-Dichloropropene	ND	8.3	2.2
Carbon Tetrachloride	ND	8.3	2.1
1,2-Dichloroethane	ND	8.3	1.8
Benzene	ND	8.3	1.7
Trichloroethene	ND	8.3	1.7
1,2-Dichloropropane	ND	8.3	2.3
Bromodichloromethane	ND	8.3	2.0
Dibromomethane	ND	8.3	2.4
4-Methyl-2-Pentanone	ND	170	11
cis-1,3-Dichloropropene	ND	8.3	1.8
Toluene	ND	8.3	1.7
trans-1,3-Dichloropropene	ND	8.3	2.3
1,1,2-Trichloroethane	ND	8.3	2.6
2-Hexanone	ND	170	8.3
1,3-Dichloropropane	ND	8.3	2.5
Tetrachloroethene	ND	8.3	1.7
Dibromochloromethane	ND	8.3	2.4
1,2-Dibromoethane	ND	8.3	2.2
Chlorobenzene	ND	8.3	2.2
1,1,1,2-Tetrachloroethane	ND	8.3	1.7
Ethylbenzene	ND	8.3	1.7
m,p-Xylenes	ND	8.3	2.4
o-Xylene	ND	8.3	1.7
Styrene	ND	8.3	1.7
Bromoform	ND	17	2.4
Isopropylbenzene	ND	8.3	1.7
1,1,2,2-Tetrachloroethane	ND	8.3	2.0
1,2,3-Trichloropropane	ND	8.3	2.6
Propylbenzene	ND	8.3	1.7
Bromobenzene	ND	8.3	1.8
1,3,5-Trimethylbenzene	ND	8.3	1.7

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-5-GW	Batch#:	240209
Lab ID:	282196-004	Sampled:	10/13/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	16.67		

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	8.3	1.7
4-Chlorotoluene	ND	8.3	1.7
tert-Butylbenzene	ND	8.3	1.7
1,2,4-Trimethylbenzene	ND	8.3	1.7
sec-Butylbenzene	ND	8.3	1.7
para-Isopropyl Toluene	ND	8.3	1.7
1,3-Dichlorobenzene	ND	8.3	1.9
1,4-Dichlorobenzene	ND	8.3	1.7
n-Butylbenzene	ND	8.3	1.7
1,2-Dichlorobenzene	ND	8.3	1.7
1,2-Dibromo-3-Chloropropane	ND	33	4.2
1,2,4-Trichlorobenzene	ND	8.3	2.2
Hexachlorobutadiene	ND	33	2.3
Naphthalene	ND	33	1.8
1,2,3-Trichlorobenzene	ND	8.3	2.3

Surrogate	%REC	Limits
Dibromofluoromethane	91	80-128
1,2-Dichloroethane-d4	107	75-139
Toluene-d8	95	80-120
Bromofluorobenzene	88	80-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-2-GW	Batch#:	240209
Lab ID:	282196-010	Sampled:	10/14/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Gasoline C7-C12	9.2 J	50	6.4
Freon 12	ND	1.0	0.1
Chloromethane	ND	1.0	0.3
Vinyl Chloride	ND	0.5	0.1
Bromomethane	ND	1.0	0.2
Chloroethane	ND	1.0	0.3
Trichlorofluoromethane	ND	1.0	0.2
Acetone	ND	10	3.3
Freon 113	ND	2.0	0.1
1,1-Dichloroethene	ND	0.5	0.2
Methylene Chloride	ND	10	0.2
Carbon Disulfide	ND	0.5	0.1
MTBE	4.8	0.5	0.1
trans-1,2-Dichloroethene	ND	0.5	0.2
Vinyl Acetate	ND	10	1.1
1,1-Dichloroethane	ND	0.5	0.2
2-Butanone	ND	10	0.5
cis-1,2-Dichloroethene	ND	0.5	0.1
2,2-Dichloropropane	ND	0.5	0.1
Chloroform	ND	0.5	0.1
Bromochloromethane	ND	0.5	0.1
1,1,1-Trichloroethane	ND	0.5	0.1
1,1-Dichloropropene	ND	0.5	0.1
Carbon Tetrachloride	ND	0.5	0.1
1,2-Dichloroethane	ND	0.5	0.1
Benzene	0.1 J	0.5	0.1
Trichloroethene	ND	0.5	0.1
1,2-Dichloropropane	ND	0.5	0.1
Bromodichloromethane	ND	0.5	0.1
Dibromomethane	ND	0.5	0.1
4-Methyl-2-Pentanone	1.5 J	10	0.7
cis-1,3-Dichloropropene	ND	0.5	0.1
Toluene	0.3 J	0.5	0.1
trans-1,3-Dichloropropene	ND	0.5	0.1
1,1,2-Trichloroethane	ND	0.5	0.2
2-Hexanone	ND	10	0.5
1,3-Dichloropropane	ND	0.5	0.1
Tetrachloroethene	ND	0.5	0.1
Dibromochloromethane	ND	0.5	0.1
1,2-Dibromoethane	ND	0.5	0.1
Chlorobenzene	ND	0.5	0.1
1,1,1,2-Tetrachloroethane	ND	0.5	0.1
Ethylbenzene	ND	0.5	0.1
m,p-Xylenes	0.1 J	0.5	0.1
o-Xylene	ND	0.5	0.1
Styrene	ND	0.5	0.1
Bromoform	ND	1.0	0.1
Isopropylbenzene	ND	0.5	0.1
1,1,2,2-Tetrachloroethane	ND	0.5	0.1
1,2,3-Trichloropropane	ND	0.5	0.2
Propylbenzene	ND	0.5	0.1
Bromobenzene	ND	0.5	0.1

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-2-GW	Batch#:	240209
Lab ID:	282196-010	Sampled:	10/14/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
1,3,5-Trimethylbenzene	ND	0.5	0.1
2-Chlorotoluene	ND	0.5	0.1
4-Chlorotoluene	ND	0.5	0.1
tert-Butylbenzene	ND	0.5	0.1
1,2,4-Trimethylbenzene	0.2 J	0.5	0.1
sec-Butylbenzene	ND	0.5	0.1
para-Isopropyl Toluene	ND	0.5	0.1
1,3-Dichlorobenzene	ND	0.5	0.1
1,4-Dichlorobenzene	ND	0.5	0.1
n-Butylbenzene	ND	0.5	0.1
1,2-Dichlorobenzene	ND	0.5	0.1
1,2-Dibromo-3-Chloropropane	ND	2.0	0.3
1,2,4-Trichlorobenzene	ND	0.5	0.1
Hexachlorobutadiene	ND	2.0	0.1
Naphthalene	ND	2.0	0.1
1,2,3-Trichlorobenzene	ND	0.5	0.1

Surrogate	%REC	Limits
Dibromofluoromethane	90	80-128
1,2-Dichloroethane-d4	107	75-139
Toluene-d8	95	80-120
Bromofluorobenzene	86	80-120

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	TRIP BLANK	Batch#:	240209
Lab ID:	282196-011	Sampled:	10/13/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Gasoline C7-C12	ND	50	6.4
Freon 12	ND	1.0	0.1
Chloromethane	ND	1.0	0.3
Vinyl Chloride	ND	0.5	0.1
Bromomethane	ND	1.0	0.2
Chloroethane	ND	1.0	0.3
Trichlorofluoromethane	ND	1.0	0.2
Acetone	ND	10	3.3
Freon 113	ND	2.0	0.1
1,1-Dichloroethene	ND	0.5	0.2
Methylene Chloride	ND	10	0.2
Carbon Disulfide	ND	0.5	0.1
MTBE	ND	0.5	0.1
trans-1,2-Dichloroethene	ND	0.5	0.2
Vinyl Acetate	ND	10	1.1
1,1-Dichloroethane	ND	0.5	0.2
2-Butanone	ND	10	0.5
cis-1,2-Dichloroethene	ND	0.5	0.1
2,2-Dichloropropane	ND	0.5	0.1
Chloroform	ND	0.5	0.1
Bromochloromethane	ND	0.5	0.1
1,1,1-Trichloroethane	ND	0.5	0.1
1,1-Dichloropropene	ND	0.5	0.1
Carbon Tetrachloride	ND	0.5	0.1
1,2-Dichloroethane	ND	0.5	0.1
Benzene	ND	0.5	0.1
Trichloroethene	ND	0.5	0.1
1,2-Dichloropropane	ND	0.5	0.1
Bromodichloromethane	ND	0.5	0.1
Dibromomethane	ND	0.5	0.1
4-Methyl-2-Pentanone	ND	10	0.7
cis-1,3-Dichloropropene	ND	0.5	0.1
Toluene	ND	0.5	0.1
trans-1,3-Dichloropropene	ND	0.5	0.1
1,1,2-Trichloroethane	ND	0.5	0.2
2-Hexanone	ND	10	0.5
1,3-Dichloropropane	ND	0.5	0.1
Tetrachloroethene	ND	0.5	0.1
Dibromochloromethane	ND	0.5	0.1
1,2-Dibromoethane	ND	0.5	0.1
Chlorobenzene	ND	0.5	0.1
1,1,1,2-Tetrachloroethane	ND	0.5	0.1
Ethylbenzene	ND	0.5	0.1
m,p-Xylenes	ND	0.5	0.1
o-Xylene	ND	0.5	0.1
Styrene	ND	0.5	0.1
Bromoform	ND	1.0	0.1
Isopropylbenzene	ND	0.5	0.1
1,1,2,2-Tetrachloroethane	ND	0.5	0.1
1,2,3-Trichloropropane	ND	0.5	0.2
Propylbenzene	ND	0.5	0.1
Bromobenzene	ND	0.5	0.1
1,3,5-Trimethylbenzene	ND	0.5	0.1

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	TRIP BLANK	Batch#:	240209
Lab ID:	282196-011	Sampled:	10/13/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	0.5	0.1
4-Chlorotoluene	ND	0.5	0.1
tert-Butylbenzene	ND	0.5	0.1
1,2,4-Trimethylbenzene	ND	0.5	0.1
sec-Butylbenzene	ND	0.5	0.1
para-Isopropyl Toluene	ND	0.5	0.1
1,3-Dichlorobenzene	ND	0.5	0.1
1,4-Dichlorobenzene	ND	0.5	0.1
n-Butylbenzene	ND	0.5	0.1
1,2-Dichlorobenzene	ND	0.5	0.1
1,2-Dibromo-3-Chloropropane	ND	2.0	0.3
1,2,4-Trichlorobenzene	ND	0.5	0.1
Hexachlorobutadiene	ND	2.0	0.1
Naphthalene	ND	2.0	0.1
1,2,3-Trichlorobenzene	ND	0.5	0.1

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-128
1,2-Dichloroethane-d4	98	75-139
Toluene-d8	94	80-120
Bromofluorobenzene	89	80-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	240209
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Type: BS Lab ID: QC855877

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	12.50	11.40	91	66-135
Benzene	12.50	12.73	102	80-123
Trichloroethene	12.50	11.89	95	80-123
Toluene	12.50	12.32	99	80-121
Chlorobenzene	12.50	12.83	103	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-128
1,2-Dichloroethane-d4	96	75-139
Toluene-d8	97	80-120
Bromofluorobenzene	90	80-120

Type: BSD Lab ID: QC855878

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	12.50	10.51	84	66-135	8	24
Benzene	12.50	11.89	95	80-123	7	20
Trichloroethene	12.50	11.24	90	80-123	6	20
Toluene	12.50	11.38	91	80-121	8	20
Chlorobenzene	12.50	12.04	96	80-123	6	20

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-128
1,2-Dichloroethane-d4	95	75-139
Toluene-d8	93	80-120
Bromofluorobenzene	89	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC855879	Batch#:	240209
Matrix:	Water	Analyzed:	10/17/16
Units:	ug/L		

Analyte	Result	RL	MDL
Gasoline C7-C12	ND	50	6.4
Freon 12	ND	1.0	0.1
Chloromethane	ND	1.0	0.3
Vinyl Chloride	ND	0.5	0.1
Bromomethane	ND	1.0	0.2
Chloroethane	ND	1.0	0.3
Trichlorofluoromethane	ND	1.0	0.2
Acetone	ND	10	3.3
Freon 113	ND	2.0	0.1
1,1-Dichloroethene	ND	0.5	0.2
Methylene Chloride	ND	10	0.2
Carbon Disulfide	ND	0.5	0.1
MTBE	ND	0.5	0.1
trans-1,2-Dichloroethene	ND	0.5	0.2
Vinyl Acetate	ND	10	1.1
1,1-Dichloroethane	ND	0.5	0.2
2-Butanone	ND	10	0.5
cis-1,2-Dichloroethene	ND	0.5	0.1
2,2-Dichloropropane	ND	0.5	0.1
Chloroform	ND	0.5	0.1
Bromochloromethane	ND	0.5	0.1
1,1,1-Trichloroethane	ND	0.5	0.1
1,1-Dichloropropene	ND	0.5	0.1
Carbon Tetrachloride	ND	0.5	0.1
1,2-Dichloroethane	ND	0.5	0.1
Benzene	ND	0.5	0.1
Trichloroethene	ND	0.5	0.1
1,2-Dichloropropane	ND	0.5	0.1
Bromodichloromethane	ND	0.5	0.1
Dibromomethane	ND	0.5	0.1
4-Methyl-2-Pentanone	ND	10	0.7
cis-1,3-Dichloropropene	ND	0.5	0.1
Toluene	ND	0.5	0.1
trans-1,3-Dichloropropene	ND	0.5	0.1
1,1,2-Trichloroethane	ND	0.5	0.2
2-Hexanone	ND	10	0.5
1,3-Dichloropropane	ND	0.5	0.1
Tetrachloroethene	ND	0.5	0.1
Dibromochloromethane	ND	0.5	0.1
1,2-Dibromoethane	ND	0.5	0.1
Chlorobenzene	ND	0.5	0.1
1,1,1,2-Tetrachloroethane	ND	0.5	0.1
Ethylbenzene	ND	0.5	0.1
m,p-Xylenes	ND	0.5	0.1
o-Xylene	ND	0.5	0.1
Styrene	ND	0.5	0.1
Bromoform	ND	1.0	0.1
Isopropylbenzene	ND	0.5	0.1
1,1,2,2-Tetrachloroethane	ND	0.5	0.1
1,2,3-Trichloropropane	ND	0.5	0.2
Propylbenzene	ND	0.5	0.1
Bromobenzene	ND	0.5	0.1
1,3,5-Trimethylbenzene	ND	0.5	0.1

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855879	Batch#:	240209
Matrix:	Water	Analyzed:	10/17/16
Units:	ug/L		

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	0.5	0.1
4-Chlorotoluene	ND	0.5	0.1
tert-Butylbenzene	ND	0.5	0.1
1,2,4-Trimethylbenzene	ND	0.5	0.1
sec-Butylbenzene	ND	0.5	0.1
para-Isopropyl Toluene	ND	0.5	0.1
1,3-Dichlorobenzene	ND	0.5	0.1
1,4-Dichlorobenzene	ND	0.5	0.1
n-Butylbenzene	ND	0.5	0.1
1,2-Dichlorobenzene	ND	0.5	0.1
1,2-Dibromo-3-Chloropropane	ND	2.0	0.3
1,2,4-Trichlorobenzene	ND	0.5	0.1
Hexachlorobutadiene	ND	2.0	0.1
Naphthalene	ND	2.0	0.1
1,2,3-Trichlorobenzene	ND	0.5	0.1

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	95	80-120
Bromofluorobenzene	89	80-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	240209
Units:	ug/L	Analyzed:	10/17/16
Diln Fac:	1.000		

Type: BS Lab ID: QC855890

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,114	111	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	94	80-120
Bromofluorobenzene	90	80-120

Type: BSD Lab ID: QC855891

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,000	1,074	107	70-130	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	93	80-128
1,2-Dichloroethane-d4	94	75-139
Toluene-d8	94	80-120
Bromofluorobenzene	90	80-120

RPD= Relative Percent Difference

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Date : 17-OCT-2016 19:38

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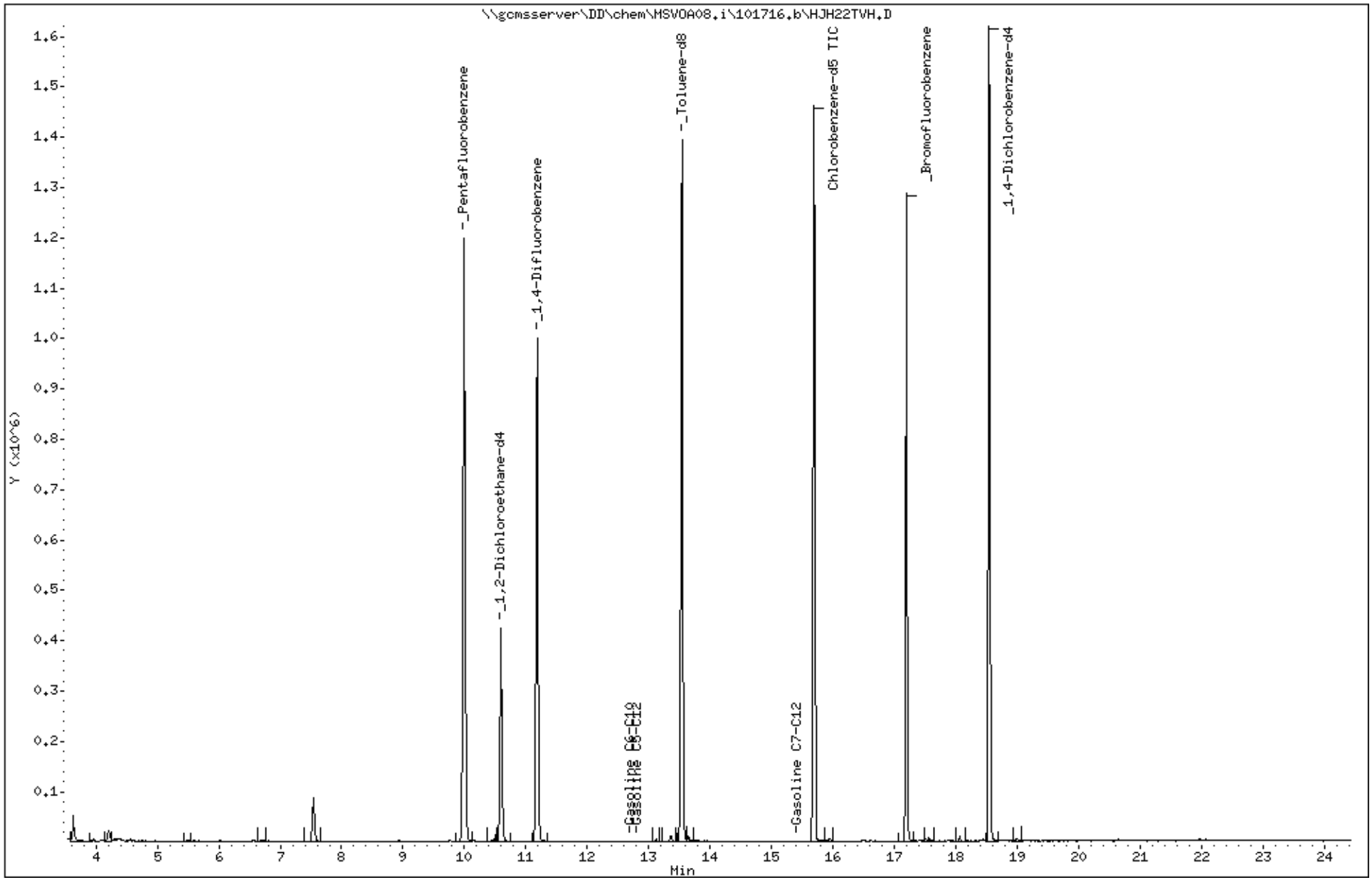
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Sample Info: s,282196-010,

Operator: VOC

Column phase:

Column diameter: 2.00



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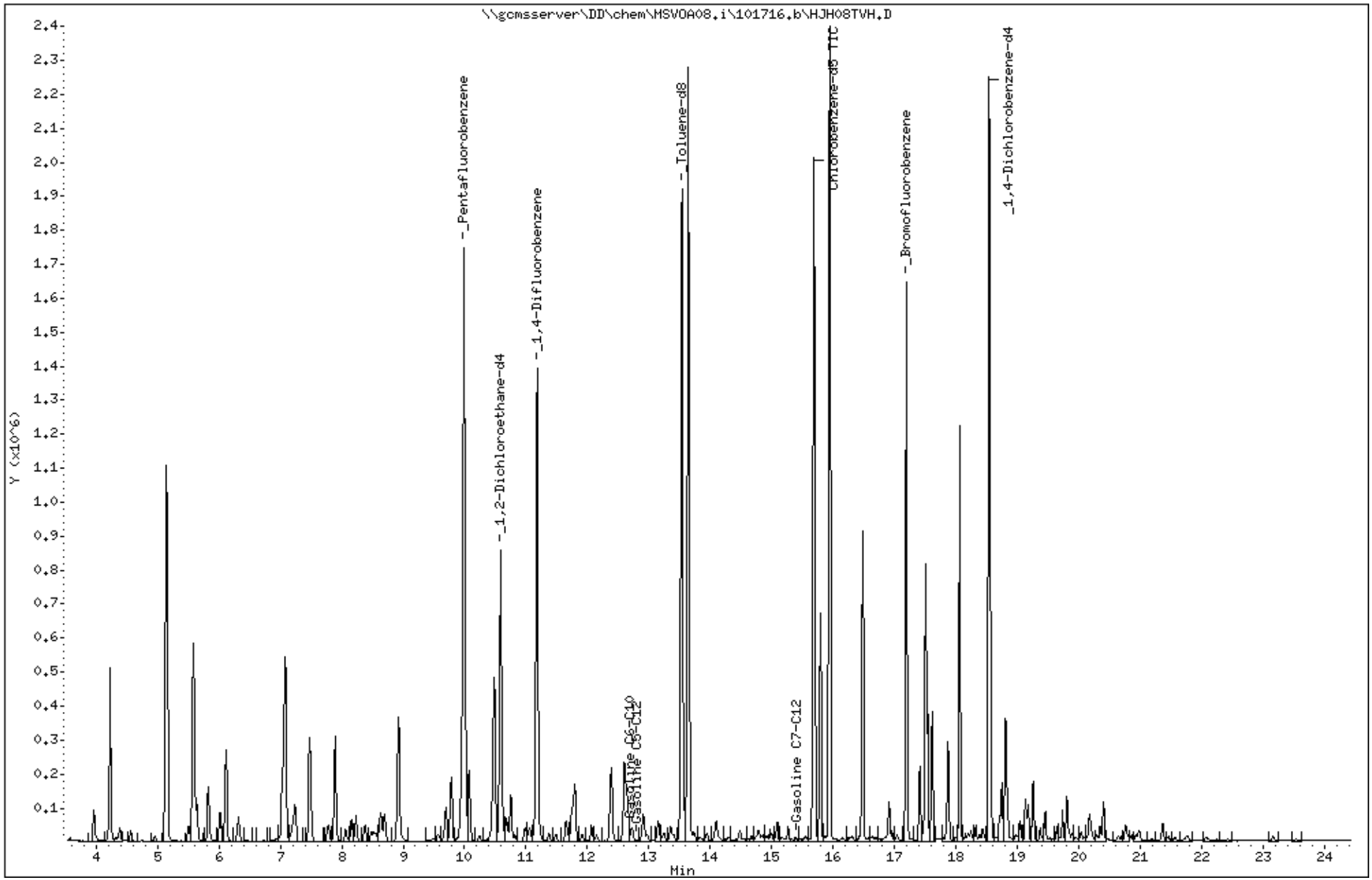
Instrument: MSVOA08.i

Sample Info: ccv/bs,qc855890,240209,s30382,.01/100

Operator: VOC

Column phase:

Column diameter: 2.00



Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-5-1	Diln Fac:	0.9506
Lab ID:	282196-001	Batch#:	240284
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/14/16
Basis:	as received	Analyzed:	10/18/16

Analyte	Result	RL	MDL
Freon 12	ND	9.5	0.4
Chloromethane	ND	9.5	1.0
Vinyl Chloride	ND	9.5	0.9
Bromomethane	ND	9.5	1.1
Chloroethane	ND	9.5	0.5
Trichlorofluoromethane	ND	4.8	0.7
Acetone	3.8 J	19	3.1
Freon 113	ND	4.8	0.4
1,1-Dichloroethene	ND	4.8	0.9
Methylene Chloride	ND	19	1.1
Carbon Disulfide	ND	4.8	0.8
MTBE	ND	4.8	1.0
trans-1,2-Dichloroethene	ND	4.8	0.8
Vinyl Acetate	ND	48	0.7
1,1-Dichloroethane	ND	4.8	1.1
2-Butanone	ND	9.5	1.3
cis-1,2-Dichloroethene	ND	4.8	0.8
2,2-Dichloropropane	ND	4.8	1.0
Chloroform	ND	4.8	1.2
Bromochloromethane	ND	4.8	0.9
1,1,1-Trichloroethane	ND	4.8	0.8
1,1-Dichloropropene	ND	4.8	0.6
Carbon Tetrachloride	ND	4.8	0.5
1,2-Dichloroethane	ND	4.8	0.9
Benzene	ND	4.8	0.9
Trichloroethene	ND	4.8	0.8
1,2-Dichloropropane	ND	4.8	0.7
Bromodichloromethane	ND	4.8	0.8
Dibromomethane	ND	4.8	0.7
4-Methyl-2-Pentanone	ND	9.5	1.0
cis-1,3-Dichloropropene	ND	4.8	0.6
Toluene	ND	4.8	0.7
trans-1,3-Dichloropropene	ND	4.8	0.6
1,1,2-Trichloroethane	ND	4.8	0.6
2-Hexanone	ND	9.5	0.8
1,3-Dichloropropane	ND	4.8	0.8
Tetrachloroethene	ND	4.8	0.5
Dibromochloromethane	ND	4.8	0.5
1,2-Dibromoethane	ND	4.8	0.6
Chlorobenzene	ND	4.8	0.7
1,1,1,2-Tetrachloroethane	ND	4.8	0.6
Ethylbenzene	ND	4.8	0.6
m,p-Xylenes	ND	4.8	1.2
o-Xylene	ND	4.8	0.6
Styrene	ND	4.8	0.5
Bromoform	ND	4.8	0.4
Isopropylbenzene	ND	4.8	0.5
1,1,2,2-Tetrachloroethane	ND	4.8	0.4
1,2,3-Trichloropropane	ND	4.8	0.6
Propylbenzene	ND	4.8	0.4
Bromobenzene	ND	4.8	0.5
1,3,5-Trimethylbenzene	ND	4.8	0.5

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-5-1	Dil'n Fac:	0.9506
Lab ID:	282196-001	Batch#:	240284
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/14/16
Basis:	as received	Analyzed:	10/18/16

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	4.8	0.6
4-Chlorotoluene	ND	4.8	0.6
tert-Butylbenzene	ND	4.8	0.4
1,2,4-Trimethylbenzene	ND	4.8	0.6
sec-Butylbenzene	ND	4.8	0.4
para-Isopropyl Toluene	ND	4.8	0.4
1,3-Dichlorobenzene	ND	4.8	0.4
1,4-Dichlorobenzene	ND	4.8	0.5
n-Butylbenzene	ND	4.8	0.4
1,2-Dichlorobenzene	ND	4.8	0.5
1,2-Dibromo-3-Chloropropane	ND	4.8	0.9
1,2,4-Trichlorobenzene	ND	4.8	0.4
Hexachlorobutadiene	ND	4.8	0.3
Naphthalene	ND	4.8	1.0
1,2,3-Trichlorobenzene	ND	4.8	0.4

Surrogate	%REC	Limits
Dibromofluoromethane	102	78-134
1,2-Dichloroethane-d4	102	80-138
Toluene-d8	81	80-120
Bromofluorobenzene	90	78-123

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-5-5	Diln Fac:	0.8432
Lab ID:	282196-002	Batch#:	240284
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/14/16
Basis:	as received	Analyzed:	10/18/16

Analyte	Result	RL	MDL
Freon 12	ND	8.4	0.3
Chloromethane	ND	8.4	0.9
Vinyl Chloride	ND	8.4	0.8
Bromomethane	ND	8.4	1.0
Chloroethane	ND	8.4	0.4
Trichlorofluoromethane	ND	4.2	0.6
Acetone	4.8 J	17	2.8
Freon 113	ND	4.2	0.4
1,1-Dichloroethene	ND	4.2	0.8
Methylene Chloride	ND	17	0.9
Carbon Disulfide	ND	4.2	0.7
MTBE	ND	4.2	0.8
trans-1,2-Dichloroethene	ND	4.2	0.7
Vinyl Acetate	ND	42	0.6
1,1-Dichloroethane	ND	4.2	1.0
2-Butanone	ND	8.4	1.1
cis-1,2-Dichloroethene	ND	4.2	0.7
2,2-Dichloropropane	ND	4.2	0.9
Chloroform	ND	4.2	1.1
Bromochloromethane	ND	4.2	0.8
1,1,1-Trichloroethane	ND	4.2	0.7
1,1-Dichloropropene	ND	4.2	0.5
Carbon Tetrachloride	ND	4.2	0.4
1,2-Dichloroethane	ND	4.2	0.8
Benzene	ND	4.2	0.8
Trichloroethene	ND	4.2	0.7
1,2-Dichloropropane	ND	4.2	0.7
Bromodichloromethane	ND	4.2	0.7
Dibromomethane	ND	4.2	0.7
4-Methyl-2-Pentanone	ND	8.4	0.9
cis-1,3-Dichloropropene	ND	4.2	0.5
Toluene	ND	4.2	0.6
trans-1,3-Dichloropropene	ND	4.2	0.5
1,1,2-Trichloroethane	ND	4.2	0.5
2-Hexanone	ND	8.4	0.7
1,3-Dichloropropane	ND	4.2	0.7
Tetrachloroethene	ND	4.2	0.4
Dibromochloromethane	ND	4.2	0.4
1,2-Dibromoethane	ND	4.2	0.5
Chlorobenzene	ND	4.2	0.6
1,1,1,2-Tetrachloroethane	ND	4.2	0.5
Ethylbenzene	ND	4.2	0.6
m,p-Xylenes	ND	4.2	1.1
o-Xylene	ND	4.2	0.5
Styrene	ND	4.2	0.5
Bromoform	ND	4.2	0.3
Isopropylbenzene	ND	4.2	0.4
1,1,2,2-Tetrachloroethane	ND	4.2	0.3
1,2,3-Trichloropropane	ND	4.2	0.5
Propylbenzene	ND	4.2	0.4
Bromobenzene	ND	4.2	0.4
1,3,5-Trimethylbenzene	ND	4.2	0.5

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-5-5	Dil'n Fac:	0.8432
Lab ID:	282196-002	Batch#:	240284
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/14/16
Basis:	as received	Analyzed:	10/18/16

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	4.2	0.6
4-Chlorotoluene	ND	4.2	0.5
tert-Butylbenzene	ND	4.2	0.3
1,2,4-Trimethylbenzene	ND	4.2	0.5
sec-Butylbenzene	ND	4.2	0.4
para-Isopropyl Toluene	ND	4.2	0.4
1,3-Dichlorobenzene	ND	4.2	0.4
1,4-Dichlorobenzene	ND	4.2	0.5
n-Butylbenzene	ND	4.2	0.3
1,2-Dichlorobenzene	ND	4.2	0.4
1,2-Dibromo-3-Chloropropane	ND	4.2	0.8
1,2,4-Trichlorobenzene	ND	4.2	0.4
Hexachlorobutadiene	ND	4.2	0.3
Naphthalene	ND	4.2	0.8
1,2,3-Trichlorobenzene	ND	4.2	0.4

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-134
1,2-Dichloroethane-d4	114	80-138
Toluene-d8	83	80-120
Bromofluorobenzene	101	78-123

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-2-1	Diln Fac:	0.9294
Lab ID:	282196-005	Batch#:	240284
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/14/16
Basis:	as received	Analyzed:	10/18/16

Analyte	Result	RL	MDL
Freon 12	ND	9.3	0.4
Chloromethane	ND	9.3	1.0
Vinyl Chloride	ND	9.3	0.9
Bromomethane	ND	9.3	1.1
Chloroethane	ND	9.3	0.5
Trichlorofluoromethane	ND	4.6	0.6
Acetone	54	19	3.1
Freon 113	ND	4.6	0.4
1,1-Dichloroethene	ND	4.6	0.9
Methylene Chloride	ND	19	1.0
Carbon Disulfide	ND	4.6	0.8
MTBE	ND	4.6	0.9
trans-1,2-Dichloroethene	ND	4.6	0.8
Vinyl Acetate	ND	46	0.7
1,1-Dichloroethane	ND	4.6	1.1
2-Butanone	6.9 J	9.3	1.2
cis-1,2-Dichloroethene	ND	4.6	0.8
2,2-Dichloropropane	ND	4.6	1.0
Chloroform	ND	4.6	1.2
Bromochloromethane	ND	4.6	0.9
1,1,1-Trichloroethane	ND	4.6	0.8
1,1-Dichloropropene	ND	4.6	0.6
Carbon Tetrachloride	ND	4.6	0.4
1,2-Dichloroethane	ND	4.6	0.9
Benzene	ND	4.6	0.8
Trichloroethene	ND	4.6	0.8
1,2-Dichloropropane	ND	4.6	0.7
Bromodichloromethane	ND	4.6	0.8
Dibromomethane	ND	4.6	0.7
4-Methyl-2-Pentanone	ND	9.3	0.9
cis-1,3-Dichloropropene	ND	4.6	0.6
Toluene	ND	4.6	0.7
trans-1,3-Dichloropropene	ND	4.6	0.6
1,1,2-Trichloroethane	ND	4.6	0.6
2-Hexanone	ND	9.3	0.8
1,3-Dichloropropane	ND	4.6	0.8
Tetrachloroethene	ND	4.6	0.5
Dibromochloromethane	ND	4.6	0.5
1,2-Dibromoethane	ND	4.6	0.6
Chlorobenzene	ND	4.6	0.6
1,1,1,2-Tetrachloroethane	ND	4.6	0.6
Ethylbenzene	ND	4.6	0.6
m,p-Xylenes	ND	4.6	1.2
o-Xylene	ND	4.6	0.6
Styrene	ND	4.6	0.5
Bromoform	ND	4.6	0.4
Isopropylbenzene	ND	4.6	0.5
1,1,2,2-Tetrachloroethane	ND	4.6	0.4
1,2,3-Trichloropropane	ND	4.6	0.5
Propylbenzene	ND	4.6	0.4
Bromobenzene	ND	4.6	0.5
1,3,5-Trimethylbenzene	ND	4.6	0.5

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-2-1	Dil'n Fac:	0.9294
Lab ID:	282196-005	Batch#:	240284
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/14/16
Basis:	as received	Analyzed:	10/18/16

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	4.6	0.6
4-Chlorotoluene	ND	4.6	0.6
tert-Butylbenzene	ND	4.6	0.4
1,2,4-Trimethylbenzene	ND	4.6	0.6
sec-Butylbenzene	ND	4.6	0.4
para-Isopropyl Toluene	ND	4.6	0.4
1,3-Dichlorobenzene	ND	4.6	0.4
1,4-Dichlorobenzene	ND	4.6	0.5
n-Butylbenzene	ND	4.6	0.4
1,2-Dichlorobenzene	ND	4.6	0.5
1,2-Dibromo-3-Chloropropane	ND	4.6	0.9
1,2,4-Trichlorobenzene	ND	4.6	0.4
Hexachlorobutadiene	ND	4.6	0.3
Naphthalene	ND	4.6	0.9
1,2,3-Trichlorobenzene	ND	4.6	0.4

Surrogate	%REC	Limits
Dibromofluoromethane	113	78-134
1,2-Dichloroethane-d4	119	80-138
Toluene-d8	90	80-120
Bromofluorobenzene	85	78-123

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-2-3	Diln Fac:	0.9488
Lab ID:	282196-006	Batch#:	240284
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/14/16
Basis:	as received	Analyzed:	10/18/16

Analyte	Result	RL	MDL
Freon 12	ND	9.5	0.4
Chloromethane	ND	9.5	1.0
Vinyl Chloride	ND	9.5	0.9
Bromomethane	ND	9.5	1.1
Chloroethane	ND	9.5	0.5
Trichlorofluoromethane	ND	4.7	0.7
Acetone	65	19	3.1
Freon 113	ND	4.7	0.4
1,1-Dichloroethene	ND	4.7	0.9
Methylene Chloride	1.2 J	19	1.1
Carbon Disulfide	ND	4.7	0.8
MTBE	ND	4.7	0.9
trans-1,2-Dichloroethene	ND	4.7	0.8
Vinyl Acetate	ND	47	0.7
1,1-Dichloroethane	ND	4.7	1.1
2-Butanone	9.5	9.5	1.3
cis-1,2-Dichloroethene	ND	4.7	0.8
2,2-Dichloropropane	ND	4.7	1.0
Chloroform	ND	4.7	1.2
Bromochloromethane	ND	4.7	0.9
1,1,1-Trichloroethane	ND	4.7	0.8
1,1-Dichloropropene	ND	4.7	0.6
Carbon Tetrachloride	ND	4.7	0.5
1,2-Dichloroethane	ND	4.7	0.9
Benzene	ND	4.7	0.9
Trichloroethene	ND	4.7	0.8
1,2-Dichloropropane	ND	4.7	0.7
Bromodichloromethane	ND	4.7	0.8
Dibromomethane	ND	4.7	0.7
4-Methyl-2-Pentanone	ND	9.5	1.0
cis-1,3-Dichloropropene	ND	4.7	0.6
Toluene	ND	4.7	0.7
trans-1,3-Dichloropropene	ND	4.7	0.6
1,1,2-Trichloroethane	ND	4.7	0.6
2-Hexanone	ND	9.5	0.8
1,3-Dichloropropane	ND	4.7	0.8
Tetrachloroethene	ND	4.7	0.5
Dibromochloromethane	ND	4.7	0.5
1,2-Dibromoethane	ND	4.7	0.6
Chlorobenzene	ND	4.7	0.7
1,1,1,2-Tetrachloroethane	ND	4.7	0.6
Ethylbenzene	ND	4.7	0.6
m,p-Xylenes	ND	4.7	1.2
o-Xylene	ND	4.7	0.6
Styrene	ND	4.7	0.5
Bromoform	ND	4.7	0.4
Isopropylbenzene	ND	4.7	0.5
1,1,2,2-Tetrachloroethane	ND	4.7	0.4
1,2,3-Trichloropropane	ND	4.7	0.6
Propylbenzene	ND	4.7	0.4
Bromobenzene	ND	4.7	0.5
1,3,5-Trimethylbenzene	ND	4.7	0.5

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Field ID:	SB-2-3	Dil'n Fac:	0.9488
Lab ID:	282196-006	Batch#:	240284
Matrix:	Soil	Sampled:	10/13/16
Units:	ug/Kg	Received:	10/14/16
Basis:	as received	Analyzed:	10/18/16

Analyte	Result	RL	MDL
2-Chlorotoluene	ND	4.7	0.6
4-Chlorotoluene	ND	4.7	0.6
tert-Butylbenzene	ND	4.7	0.4
1,2,4-Trimethylbenzene	ND	4.7	0.6
sec-Butylbenzene	ND	4.7	0.4
para-Isopropyl Toluene	ND	4.7	0.4
1,3-Dichlorobenzene	ND	4.7	0.4
1,4-Dichlorobenzene	ND	4.7	0.5
n-Butylbenzene	ND	4.7	0.4
1,2-Dichlorobenzene	ND	4.7	0.5
1,2-Dibromo-3-Chloropropane	ND	4.7	0.9
1,2,4-Trichlorobenzene	ND	4.7	0.4
Hexachlorobutadiene	ND	4.7	0.3
Naphthalene	ND	4.7	0.9
1,2,3-Trichlorobenzene	ND	4.7	0.4

Surrogate	%REC	Limits
Dibromofluoromethane	115	78-134
1,2-Dichloroethane-d4	120	80-138
Toluene-d8	83	80-120
Bromofluorobenzene	87	78-123

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC856196	Batch#:	240284
Matrix:	Soil	Analyzed:	10/18/16
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	28.08	112	70-134
Benzene	25.00	29.85	119	80-123
Trichloroethene	25.00	27.61	110	80-128
Toluene	25.00	23.47	94	80-120
Chlorobenzene	25.00	24.13	97	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	99	78-134
1,2-Dichloroethane-d4	102	80-138
Toluene-d8	85	80-120
Bromofluorobenzene	85	78-123

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC856197	Batch#:	240284
Matrix:	Soil	Analyzed:	10/18/16
Units:	ug/Kg		

Analyte	Result	RL	MDL
Freon 12	ND	10	0.4
Chloromethane	ND	10	1.0
Vinyl Chloride	ND	10	0.9
Bromomethane	ND	10	1.2
Chloroethane	ND	10	0.5
Trichlorofluoromethane	ND	5.0	0.7
Acetone	ND	20	3.3
Freon 113	ND	5.0	0.4
1,1-Dichloroethene	ND	5.0	0.9
Methylene Chloride	ND	20	1.1
Carbon Disulfide	ND	5.0	0.9
MTBE	ND	5.0	1.0
trans-1,2-Dichloroethene	ND	5.0	0.8
Vinyl Acetate	ND	50	0.7
1,1-Dichloroethane	ND	5.0	1.2
2-Butanone	ND	10	1.3
cis-1,2-Dichloroethene	ND	5.0	0.9
2,2-Dichloropropane	ND	5.0	1.1
Chloroform	ND	5.0	1.3
Bromochloromethane	ND	5.0	0.9
1,1,1-Trichloroethane	ND	5.0	0.8
1,1-Dichloropropene	ND	5.0	0.6
Carbon Tetrachloride	ND	5.0	0.5
1,2-Dichloroethane	ND	5.0	0.9
Benzene	ND	5.0	0.9
Trichloroethene	ND	5.0	0.8
1,2-Dichloropropane	ND	5.0	0.8
Bromodichloromethane	ND	5.0	0.8
Dibromomethane	ND	5.0	0.8
4-Methyl-2-Pentanone	ND	10	1.0
cis-1,3-Dichloropropene	ND	5.0	0.6
Toluene	ND	5.0	0.7
trans-1,3-Dichloropropene	ND	5.0	0.6
1,1,2-Trichloroethane	ND	5.0	0.6
2-Hexanone	ND	10	0.9
1,3-Dichloropropane	ND	5.0	0.8
Tetrachloroethene	ND	5.0	0.5
Dibromochloromethane	ND	5.0	0.5
1,2-Dibromoethane	ND	5.0	0.7
Chlorobenzene	ND	5.0	0.7
1,1,1,2-Tetrachloroethane	ND	5.0	0.6
Ethylbenzene	ND	5.0	0.7
m,p-Xylenes	ND	5.0	1.3
o-Xylene	ND	5.0	0.6
Styrene	ND	5.0	0.6
Bromoform	ND	5.0	0.4
Isopropylbenzene	ND	5.0	0.5
1,1,2,2-Tetrachloroethane	ND	5.0	0.4
1,2,3-Trichloropropane	ND	5.0	0.6
Propylbenzene	ND	5.0	0.4
Bromobenzene	ND	5.0	0.5
1,3,5-Trimethylbenzene	ND	5.0	0.6
2-Chlorotoluene	ND	5.0	0.7

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 5030B
Project#:	0363086	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856197	Batch#:	240284
Matrix:	Soil	Analyzed:	10/18/16
Units:	ug/Kg		

Analyte	Result	RL	MDL
4-Chlorotoluene	ND	5.0	0.6
tert-Butylbenzene	ND	5.0	0.4
1,2,4-Trimethylbenzene	ND	5.0	0.6
sec-Butylbenzene	ND	5.0	0.4
para-Isopropyl Toluene	ND	5.0	0.4
1,3-Dichlorobenzene	ND	5.0	0.4
1,4-Dichlorobenzene	ND	5.0	0.5
n-Butylbenzene	ND	5.0	0.4
1,2-Dichlorobenzene	ND	5.0	0.5
1,2-Dibromo-3-Chloropropane	ND	5.0	0.9
1,2,4-Trichlorobenzene	ND	5.0	0.4
Hexachlorobutadiene	ND	5.0	0.3
Naphthalene	ND	5.0	1.0
1,2,3-Trichlorobenzene	ND	5.0	0.4

Surrogate	%REC	Limits
Dibromofluoromethane	112	78-134
1,2-Dichloroethane-d4	108	80-138
Toluene-d8	82	80-120
Bromofluorobenzene	93	78-123

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-5-GW	Batch#:	240250
Lab ID:	282196-004	Sampled:	10/13/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Prepared:	10/18/16
Diln Fac:	20.00	Analyzed:	10/19/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	190	14
Phenol	ND	190	18
bis(2-Chloroethyl)ether	ND	190	34
2-Chlorophenol	ND	190	19
1,3-Dichlorobenzene	ND	190	13
1,4-Dichlorobenzene	ND	190	12
Benzyl alcohol	ND	190	11
1,2-Dichlorobenzene	ND	190	13
2-Methylphenol	ND	190	12
bis(2-Chloroisopropyl) ether	ND	190	15
4-Methylphenol	ND	190	11
N-Nitroso-di-n-propylamine	ND	190	16
Hexachloroethane	ND	190	13
Nitrobenzene	ND	190	11
Isophorone	ND	190	13
2-Nitrophenol	ND	380	59
2,4-Dimethylphenol	ND	190	13
Benzoic acid	ND	940	280
bis(2-Chloroethoxy)methane	ND	190	11
2,4-Dichlorophenol	ND	190	14
1,2,4-Trichlorobenzene	ND	190	11
Naphthalene	ND	190	11
4-Chloroaniline	ND	190	12
Hexachlorobutadiene	ND	190	19
4-Chloro-3-methylphenol	ND	190	15
2-Methylnaphthalene	ND	190	13
Hexachlorocyclopentadiene	ND	380	130
2,4,6-Trichlorophenol	ND	190	21
2,4,5-Trichlorophenol	ND	190	21
2-Chloronaphthalene	ND	190	13
2-Nitroaniline	ND	380	49
Dimethylphthalate	ND	190	12
Acenaphthylene	ND	190	11
2,6-Dinitrotoluene	ND	190	13
3-Nitroaniline	ND	380	16
Acenaphthene	ND	190	13
2,4-Dinitrophenol	ND	380	130
4-Nitrophenol	ND	380	38
Dibenzofuran	ND	190	11
2,4-Dinitrotoluene	ND	190	12
Diethylphthalate	ND	190	13
Fluorene	ND	190	11
4-Chlorophenyl-phenylether	ND	190	19
4-Nitroaniline	ND	380	63
4,6-Dinitro-2-methylphenol	ND	380	47
N-Nitrosodiphenylamine	ND	190	35
Azobenzene	ND	190	12
4-Bromophenyl-phenylether	ND	190	19
Hexachlorobenzene	ND	190	13
Pentachlorophenol	ND	380	38
Phenanthrene	ND	190	13
Anthracene	ND	190	12

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-5-GW	Batch#:	240250
Lab ID:	282196-004	Sampled:	10/13/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Prepared:	10/18/16
Diln Fac:	20.00	Analyzed:	10/19/16

Analyte	Result	RL	MDL
Di-n-butylphthalate	ND	190	26
Fluoranthene	ND	190	15
Pyrene	ND	190	14
Butylbenzylphthalate	ND	190	15
3,3'-Dichlorobenzidine	ND	380	48
Benzo(a)anthracene	ND	190	14
Chrysene	ND	190	13
bis(2-Ethylhexyl)phthalate	ND	190	31
Di-n-octylphthalate	ND	190	12
Benzo(b)fluoranthene	ND	190	13
Benzo(k)fluoranthene	ND	190	12
Benzo(a)pyrene	ND	190	11
Indeno(1,2,3-cd)pyrene	ND	190	14
Dibenz(a,h)anthracene	ND	190	15
Benzo(g,h,i)perylene	ND	190	16

Surrogate	%REC	Limits
2-Fluorophenol	DO	38-120
Phenol-d5	DO	38-120
2,4,6-Tribromophenol	DO	46-120
Nitrobenzene-d5	DO	51-120
2-Fluorobiphenyl	DO	54-120
Terphenyl-d14	DO	21-120

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-2-GW	Batch#:	240250
Lab ID:	282196-010	Sampled:	10/14/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Prepared:	10/18/16
Diln Fac:	10.00	Analyzed:	10/19/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	94	7.2
Phenol	19 J	94	9.2
bis(2-Chloroethyl)ether	ND	94	17
2-Chlorophenol	ND	94	9.6
1,3-Dichlorobenzene	ND	94	6.3
1,4-Dichlorobenzene	ND	94	6.1
Benzyl alcohol	ND	94	5.5
1,2-Dichlorobenzene	ND	94	6.5
2-Methylphenol	ND	94	6.0
bis(2-Chloroisopropyl) ether	ND	94	7.6
4-Methylphenol	ND	94	5.7
N-Nitroso-di-n-propylamine	ND	94	7.9
Hexachloroethane	ND	94	6.5
Nitrobenzene	ND	94	5.7
Isophorone	ND	94	6.4
2-Nitrophenol	ND	190	30
2,4-Dimethylphenol	ND	94	6.5
Benzoic acid	ND	470	140
bis(2-Chloroethoxy)methane	ND	94	5.3
2,4-Dichlorophenol	ND	94	6.9
1,2,4-Trichlorobenzene	ND	94	5.7
Naphthalene	ND	94	5.5
4-Chloroaniline	ND	94	6.1
Hexachlorobutadiene	ND	94	9.4
4-Chloro-3-methylphenol	ND	94	7.7
2-Methylnaphthalene	ND	94	6.6
Hexachlorocyclopentadiene	ND	190	63
2,4,6-Trichlorophenol	ND	94	11
2,4,5-Trichlorophenol	ND	94	11
2-Chloronaphthalene	ND	94	6.6
2-Nitroaniline	ND	190	25
Dimethylphthalate	ND	94	6.2
Acenaphthylene	ND	94	5.5
2,6-Dinitrotoluene	ND	94	6.3
3-Nitroaniline	ND	190	7.9
Acenaphthene	ND	94	6.6
2,4-Dinitrophenol	ND	190	63
4-Nitrophenol	ND	190	19
Dibenzofuran	ND	94	5.3
2,4-Dinitrotoluene	ND	94	6.2
Diethylphthalate	ND	94	6.4
Fluorene	ND	94	5.4
4-Chlorophenyl-phenylether	ND	94	9.4
4-Nitroaniline	ND	190	31
4,6-Dinitro-2-methylphenol	ND	190	24
N-Nitrosodiphenylamine	ND	94	18
Azobenzene	ND	94	6.2
4-Bromophenyl-phenylether	ND	94	9.4
Hexachlorobenzene	ND	94	6.4
Pentachlorophenol	ND	190	19
Phenanthrene	ND	94	6.7

J= Estimated value
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-2-GW	Batch#:	240250
Lab ID:	282196-010	Sampled:	10/14/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L	Prepared:	10/18/16
Diln Fac:	10.00	Analyzed:	10/19/16

Analyte	Result	RL	MDL
Anthracene	ND	94	5.9
Di-n-butylphthalate	ND	94	13
Fluoranthene	ND	94	7.3
Pyrene	ND	94	7.0
Butylbenzylphthalate	ND	94	7.7
3,3'-Dichlorobenzidine	ND	190	24
Benzo(a)anthracene	ND	94	7.1
Chrysene	ND	94	6.6
bis(2-Ethylhexyl)phthalate	ND	94	15
Di-n-octylphthalate	ND	94	5.9
Benzo(b)fluoranthene	ND	94	6.7
Benzo(k)fluoranthene	ND	94	6.2
Benzo(a)pyrene	ND	94	5.4
Indeno(1,2,3-cd)pyrene	ND	94	7.2
Dibenz(a,h)anthracene	ND	94	7.4
Benzo(g,h,i)perylene	ND	94	8.2

Surrogate	%REC	Limits
2-Fluorophenol	DO	38-120
Phenol-d5	DO	38-120
2,4,6-Tribromophenol	DO	46-120
Nitrobenzene-d5	DO	51-120
2-Fluorobiphenyl	DO	54-120
Terphenyl-d14	DO	21-120

J= Estimated value
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856055	Batch#:	240250
Matrix:	Water	Prepared:	10/17/16
Units:	ug/L	Analyzed:	10/18/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	10	0.76
Phenol	ND	10	0.98
bis(2-Chloroethyl)ether	ND	10	1.8
2-Chlorophenol	ND	10	1.0
1,3-Dichlorobenzene	ND	10	0.67
1,4-Dichlorobenzene	ND	10	0.65
Benzyl alcohol	ND	10	0.59
1,2-Dichlorobenzene	ND	10	0.69
2-Methylphenol	ND	10	0.63
bis(2-Chloroisopropyl) ether	ND	10	0.81
4-Methylphenol	ND	10	0.60
N-Nitroso-di-n-propylamine	ND	10	0.84
Hexachloroethane	ND	10	0.69
Nitrobenzene	ND	10	0.60
Isophorone	ND	10	0.67
2-Nitrophenol	ND	20	3.1
2,4-Dimethylphenol	ND	10	0.69
Benzoic acid	ND	50	15
bis(2-Chloroethoxy)methane	ND	10	0.56
2,4-Dichlorophenol	ND	10	0.73
1,2,4-Trichlorobenzene	ND	10	0.61
Naphthalene	ND	10	0.58
4-Chloroaniline	ND	10	0.65
Hexachlorobutadiene	ND	10	1.0
4-Chloro-3-methylphenol	ND	10	0.82
2-Methylnaphthalene	ND	10	0.70
Hexachlorocyclopentadiene	ND	20	6.7
2,4,6-Trichlorophenol	ND	10	1.1
2,4,5-Trichlorophenol	ND	10	1.1
2-Chloronaphthalene	ND	10	0.70
2-Nitroaniline	ND	20	2.6
Dimethylphthalate	ND	10	0.66
Acenaphthylene	ND	10	0.58
2,6-Dinitrotoluene	ND	10	0.67
3-Nitroaniline	ND	20	0.84
Acenaphthene	ND	10	0.70
2,4-Dinitrophenol	ND	20	6.7
4-Nitrophenol	ND	20	2.0
Dibenzofuran	ND	10	0.57
2,4-Dinitrotoluene	ND	10	0.65
Diethylphthalate	ND	10	0.68
Fluorene	ND	10	0.57
4-Chlorophenyl-phenylether	ND	10	1.0
4-Nitroaniline	ND	20	3.3
4,6-Dinitro-2-methylphenol	ND	20	2.5
N-Nitrosodiphenylamine	ND	10	1.9
Azobenzene	ND	10	0.65
4-Bromophenyl-phenylether	ND	10	1.0
Hexachlorobenzene	ND	10	0.68
Pentachlorophenol	ND	20	2.0
Phenanthrene	ND	10	0.71
Anthracene	ND	10	0.62
Di-n-butylphthalate	ND	10	1.4

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856055	Batch#:	240250
Matrix:	Water	Prepared:	10/17/16
Units:	ug/L	Analyzed:	10/18/16

Analyte	Result	RL	MDL
Fluoranthene	ND	10	0.77
Pyrene	ND	10	0.74
Butylbenzylphthalate	ND	10	0.82
3,3'-Dichlorobenzidine	ND	20	2.5
Benzo(a)anthracene	ND	10	0.75
Chrysene	ND	10	0.70
bis(2-Ethylhexyl)phthalate	ND	10	1.6
Di-n-octylphthalate	ND	10	0.63
Benzo(b)fluoranthene	ND	10	0.71
Benzo(k)fluoranthene	ND	10	0.66
Benzo(a)pyrene	ND	10	0.57
Indeno(1,2,3-cd)pyrene	ND	10	0.77
Dibenz(a,h)anthracene	ND	10	0.79
Benzo(g,h,i)perylene	ND	10	0.87

Surrogate	%REC	Limits
2-Fluorophenol	77	38-120
Phenol-d5	76	38-120
2,4,6-Tribromophenol	75	46-120
Nitrobenzene-d5	82	51-120
2-Fluorobiphenyl	77	54-120
Terphenyl-d14	63	21-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3520C
Project#:	0363086	Analysis:	EPA 8270C
Matrix:	Water	Batch#:	240250
Units:	ug/L	Prepared:	10/17/16
Diln Fac:	1.000	Analyzed:	10/18/16

Type: BS Lab ID: QC856056

Analyte	Spiked	Result	%REC	Limits
Phenol	80.00	67.96	85	46-120
2-Chlorophenol	80.00	68.27	85	48-120
1,4-Dichlorobenzene	80.00	52.64	66	52-120
N-Nitroso-di-n-propylamine	80.00	70.42	88	46-120
1,2,4-Trichlorobenzene	80.00	51.96	65	53-120
4-Chloro-3-methylphenol	80.00	61.10	76	40-120
Acenaphthene	30.00	26.83	89	61-120
4-Nitrophenol	80.00	45.38	57	40-120
2,4-Dinitrotoluene	80.00	68.47	86	64-120
Pentachlorophenol	80.00	63.43	79	47-120
Pyrene	30.00	30.45	101	62-120

Surrogate	%REC	Limits
2-Fluorophenol	80	38-120
Phenol-d5	84	38-120
2,4,6-Tribromophenol	78	46-120
Nitrobenzene-d5	73	51-120
2-Fluorobiphenyl	83	54-120
Terphenyl-d14	93	21-120

Type: BSD Lab ID: QC856057

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	80.00	56.65	71	46-120	18	55
2-Chlorophenol	80.00	57.47	72	48-120	17	54
1,4-Dichlorobenzene	80.00	44.20	55	52-120	17	30
N-Nitroso-di-n-propylamine	80.00	59.70	75	46-120	16	25
1,2,4-Trichlorobenzene	80.00	44.09	55	53-120	16	26
4-Chloro-3-methylphenol	80.00	53.36	67	40-120	14	54
Acenaphthene	30.00	23.35	78	61-120	14	25
4-Nitrophenol	80.00	39.16	49	40-120	15	45
2,4-Dinitrotoluene	80.00	60.66	76	64-120	12	32
Pentachlorophenol	80.00	54.90	69	47-120	14	48
Pyrene	30.00	26.80	89	62-120	13	26

Surrogate	%REC	Limits
2-Fluorophenol	68	38-120
Phenol-d5	71	38-120
2,4,6-Tribromophenol	69	46-120
Nitrobenzene-d5	62	51-120
2-Fluorobiphenyl	72	54-120
Terphenyl-d14	83	21-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-5-1	Batch#:	240222
Lab ID:	282196-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	3.000		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	1,000	140
Phenol	ND	1,000	30
bis(2-Chloroethyl)ether	ND	1,000	180
2-Chlorophenol	ND	1,000	30
1,3-Dichlorobenzene	ND	1,000	170
1,4-Dichlorobenzene	ND	1,000	30
Benzyl alcohol	ND	1,000	33
1,2-Dichlorobenzene	ND	1,000	30
2-Methylphenol	ND	1,000	41
bis(2-Chloroisopropyl) ether	ND	1,000	30
4-Methylphenol	ND	1,000	30
N-Nitroso-di-n-propylamine	ND	1,000	30
Hexachloroethane	ND	1,000	30
Nitrobenzene	ND	1,000	33
Isophorone	ND	1,000	30
2-Nitrophenol	ND	2,000	30
2,4-Dimethylphenol	ND	1,000	42
Benzoic acid	ND	5,000	1,300
bis(2-Chloroethoxy)methane	ND	1,000	30
2,4-Dichlorophenol	ND	1,000	30
1,2,4-Trichlorobenzene	ND	1,000	30
Naphthalene	ND	200	30
4-Chloroaniline	ND	1,000	28
Hexachlorobutadiene	ND	1,000	27
4-Chloro-3-methylphenol	ND	1,000	25
2-Methylnaphthalene	ND	200	30
Hexachlorocyclopentadiene	ND	2,000	41
2,4,6-Trichlorophenol	ND	1,000	38
2,4,5-Trichlorophenol	ND	1,000	25
2-Chloronaphthalene	ND	1,000	27
2-Nitroaniline	ND	2,000	33
Dimethylphthalate	ND	1,000	30
Acenaphthylene	ND	200	27
2,6-Dinitrotoluene	ND	1,000	27
3-Nitroaniline	ND	2,000	30
Acenaphthene	ND	200	30
2,4-Dinitrophenol	ND	2,000	190
4-Nitrophenol	ND	2,000	220
Dibenzofuran	ND	1,000	31
2,4-Dinitrotoluene	ND	1,000	29
Diethylphthalate	ND	1,000	34
Fluorene	ND	200	30
4-Chlorophenyl-phenylether	ND	1,000	29
4-Nitroaniline	ND	2,000	30
4,6-Dinitro-2-methylphenol	ND	2,000	230
N-Nitrosodiphenylamine	ND	1,000	32
Azobenzene	ND	1,000	26
4-Bromophenyl-phenylether	ND	1,000	32
Hexachlorobenzene	ND	1,000	32
Pentachlorophenol	ND	2,000	390
Phenanthrene	ND	200	32

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-5-1	Batch#:	240222
Lab ID:	282196-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	3.000		

Analyte	Result	RL	MDL
Anthracene	ND	200	34
Di-n-butylphthalate	ND	1,000	37
Fluoranthene	38 J	200	31
Pyrene	51 J	200	33
Butylbenzylphthalate	ND	1,000	30
3,3'-Dichlorobenzidine	ND	2,000	30
Benzo(a)anthracene	37 J	200	31
Chrysene	45 J	200	34
bis(2-Ethylhexyl)phthalate	ND	1,000	39
Di-n-octylphthalate	ND	1,000	30
Benzo(b)fluoranthene	40 J	200	27
Benzo(k)fluoranthene	ND	200	29
Benzo(a)pyrene	32 J	200	26
Indeno(1,2,3-cd)pyrene	ND	200	27
Dibenz(a,h)anthracene	ND	200	28
Benzo(g,h,i)perylene	ND	200	31

Surrogate	%REC	Limits
2-Fluorophenol	67	25-120
Phenol-d5	66	36-120
2,4,6-Tribromophenol	77	27-120
Nitrobenzene-d5	59	44-120
2-Fluorobiphenyl	76	47-120
Terphenyl-d14	84	49-120

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-5-5	Batch#:	240222
Lab ID:	282196-002	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	33,000	4,700
Phenol	ND	33,000	990
bis(2-Chloroethyl)ether	ND	33,000	5,900
2-Chlorophenol	ND	33,000	990
1,3-Dichlorobenzene	ND	33,000	5,600
1,4-Dichlorobenzene	ND	33,000	990
Benzyl alcohol	ND	33,000	1,100
1,2-Dichlorobenzene	ND	33,000	990
2-Methylphenol	ND	33,000	1,400
bis(2-Chloroisopropyl) ether	ND	33,000	990
4-Methylphenol	ND	33,000	990
N-Nitroso-di-n-propylamine	ND	33,000	990
Hexachloroethane	ND	33,000	990
Nitrobenzene	ND	33,000	1,100
Isophorone	ND	33,000	990
2-Nitrophenol	ND	66,000	990
2,4-Dimethylphenol	ND	33,000	1,400
Benzoic acid	ND	170,000	43,000
bis(2-Chloroethoxy)methane	ND	33,000	990
2,4-Dichlorophenol	ND	33,000	990
1,2,4-Trichlorobenzene	ND	33,000	990
Naphthalene	ND	6,600	990
4-Chloroaniline	ND	33,000	930
Hexachlorobutadiene	ND	33,000	880
4-Chloro-3-methylphenol	ND	33,000	830
2-Methylnaphthalene	ND	6,600	990
Hexachlorocyclopentadiene	ND	66,000	1,400
2,4,6-Trichlorophenol	ND	33,000	1,200
2,4,5-Trichlorophenol	ND	33,000	830
2-Chloronaphthalene	ND	33,000	890
2-Nitroaniline	ND	66,000	1,100
Dimethylphthalate	ND	33,000	1,000
Acenaphthylene	ND	6,600	890
2,6-Dinitrotoluene	ND	33,000	890
3-Nitroaniline	ND	66,000	990
Acenaphthene	ND	6,600	990
2,4-Dinitrophenol	ND	66,000	6,400
4-Nitrophenol	ND	66,000	7,100
Dibenzofuran	ND	33,000	1,000
2,4-Dinitrotoluene	ND	33,000	960
Diethylphthalate	ND	33,000	1,100
Fluorene	ND	6,600	980
4-Chlorophenyl-phenylether	ND	33,000	960
4-Nitroaniline	ND	66,000	990
4,6-Dinitro-2-methylphenol	ND	66,000	7,600
N-Nitrosodiphenylamine	ND	33,000	1,100
Azobenzene	ND	33,000	850
4-Bromophenyl-phenylether	ND	33,000	1,000
Hexachlorobenzene	ND	33,000	1,100
Pentachlorophenol	ND	66,000	13,000
Phenanthrene	ND	6,600	1,000

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-5-5	Batch#:	240222
Lab ID:	282196-002	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
Anthracene	ND	6,600	1,100
Di-n-butylphthalate	ND	33,000	1,200
Fluoranthene	ND	6,600	1,000
Pyrene	ND	6,600	1,100
Butylbenzylphthalate	ND	33,000	1,000
3,3'-Dichlorobenzidine	ND	66,000	990
Benzo(a)anthracene	ND	6,600	1,000
Chrysene	ND	6,600	1,100
bis(2-Ethylhexyl)phthalate	ND	33,000	1,300
Di-n-octylphthalate	ND	33,000	990
Benzo(b)fluoranthene	ND	6,600	890
Benzo(k)fluoranthene	ND	6,600	940
Benzo(a)pyrene	ND	6,600	870
Indeno(1,2,3-cd)pyrene	ND	6,600	880
Dibenz(a,h)anthracene	ND	6,600	930
Benzo(g,h,i)perylene	ND	6,600	1,000

Surrogate	%REC	Limits
2-Fluorophenol	DO	25-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	27-120
Nitrobenzene-d5	DO	44-120
2-Fluorobiphenyl	DO	47-120
Terphenyl-d14	DO	49-120

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-2-1	Batch#:	240222
Lab ID:	282196-005	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	50.00		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	33,000	4,700
Phenol	ND	33,000	990
bis(2-Chloroethyl)ether	ND	33,000	5,900
2-Chlorophenol	ND	33,000	990
1,3-Dichlorobenzene	ND	33,000	5,600
1,4-Dichlorobenzene	ND	33,000	990
Benzyl alcohol	ND	33,000	1,100
1,2-Dichlorobenzene	ND	33,000	990
2-Methylphenol	ND	33,000	1,400
bis(2-Chloroisopropyl) ether	ND	33,000	990
4-Methylphenol	ND	33,000	990
N-Nitroso-di-n-propylamine	ND	33,000	990
Hexachloroethane	ND	33,000	990
Nitrobenzene	ND	33,000	1,100
Isophorone	ND	33,000	990
2-Nitrophenol	ND	66,000	990
2,4-Dimethylphenol	ND	33,000	1,400
Benzoic acid	ND	170,000	43,000
bis(2-Chloroethoxy)methane	ND	33,000	990
2,4-Dichlorophenol	ND	33,000	990
1,2,4-Trichlorobenzene	ND	33,000	990
Naphthalene	ND	6,600	990
4-Chloroaniline	ND	33,000	930
Hexachlorobutadiene	ND	33,000	880
4-Chloro-3-methylphenol	ND	33,000	830
2-Methylnaphthalene	ND	6,600	990
Hexachlorocyclopentadiene	ND	66,000	1,400
2,4,6-Trichlorophenol	ND	33,000	1,200
2,4,5-Trichlorophenol	ND	33,000	830
2-Chloronaphthalene	ND	33,000	890
2-Nitroaniline	ND	66,000	1,100
Dimethylphthalate	ND	33,000	1,000
Acenaphthylene	ND	6,600	890
2,6-Dinitrotoluene	ND	33,000	890
3-Nitroaniline	ND	66,000	990
Acenaphthene	ND	6,600	990
2,4-Dinitrophenol	ND	66,000	6,400
4-Nitrophenol	ND	66,000	7,100
Dibenzofuran	ND	33,000	1,000
2,4-Dinitrotoluene	ND	33,000	960
Diethylphthalate	ND	33,000	1,100
Fluorene	ND	6,600	980
4-Chlorophenyl-phenylether	ND	33,000	960
4-Nitroaniline	ND	66,000	990
4,6-Dinitro-2-methylphenol	ND	66,000	7,600
N-Nitrosodiphenylamine	ND	33,000	1,100
Azobenzene	ND	33,000	850
4-Bromophenyl-phenylether	ND	33,000	1,000
Hexachlorobenzene	ND	33,000	1,100
Pentachlorophenol	ND	66,000	13,000

J= Estimated value
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-2-1	Batch#:	240222
Lab ID:	282196-005	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/17/16
Diln Fac:	50.00		

Analyte	Result	RL	MDL
Phenanthrene	ND	6,600	1,000
Anthracene	ND	6,600	1,100
Di-n-butylphthalate	ND	33,000	1,200
Fluoranthene	ND	6,600	1,000
Pyrene	ND	6,600	1,100
Butylbenzylphthalate	ND	33,000	1,000
3,3'-Dichlorobenzidine	ND	66,000	990
Benzo(a)anthracene	1,200 J	6,600	1,000
Chrysene	ND	6,600	1,100
bis(2-Ethylhexyl)phthalate	ND	33,000	1,300
Di-n-octylphthalate	ND	33,000	990
Benzo(b)fluoranthene	950 J	6,600	890
Benzo(k)fluoranthene	ND	6,600	940
Benzo(a)pyrene	ND	6,600	870
Indeno(1,2,3-cd)pyrene	ND	6,600	880
Dibenz(a,h)anthracene	ND	6,600	930
Benzo(g,h,i)perylene	ND	6,600	1,000

Surrogate	%REC	Limits
2-Fluorophenol	DO	25-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	27-120
Nitrobenzene-d5	DO	44-120
2-Fluorobiphenyl	DO	47-120
Terphenyl-d14	DO	49-120

J= Estimated value
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-2-3	Batch#:	240222
Lab ID:	282196-006	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/20/16
Diln Fac:	12.50		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	4,100	590
Phenol	ND	4,100	120
bis(2-Chloroethyl)ether	ND	4,100	740
2-Chlorophenol	ND	4,100	120
1,3-Dichlorobenzene	ND	4,100	700
1,4-Dichlorobenzene	ND	4,100	120
Benzyl alcohol	ND	4,100	140
1,2-Dichlorobenzene	ND	4,100	120
2-Methylphenol	ND	4,100	170
bis(2-Chloroisopropyl) ether	ND	4,100	120
4-Methylphenol	ND	4,100	120
N-Nitroso-di-n-propylamine	ND	4,100	120
Hexachloroethane	ND	4,100	120
Nitrobenzene	ND	4,100	140
Isophorone	ND	4,100	120
2-Nitrophenol	ND	8,300	120
2,4-Dimethylphenol	ND	4,100	170
Benzoic acid	ND	21,000	5,400
bis(2-Chloroethoxy)methane	ND	4,100	120
2,4-Dichlorophenol	ND	4,100	120
1,2,4-Trichlorobenzene	ND	4,100	120
Naphthalene	ND	830	120
4-Chloroaniline	ND	4,100	120
Hexachlorobutadiene	ND	4,100	110
4-Chloro-3-methylphenol	ND	4,100	100
2-Methylnaphthalene	ND	830	120
Hexachlorocyclopentadiene	ND	8,300	170
2,4,6-Trichlorophenol	ND	4,100	160
2,4,5-Trichlorophenol	ND	4,100	100
2-Chloronaphthalene	ND	4,100	110
2-Nitroaniline	ND	8,300	130
Dimethylphthalate	ND	4,100	120
Acenaphthylene	ND	830	110
2,6-Dinitrotoluene	ND	4,100	110
3-Nitroaniline	ND	8,300	120
Acenaphthene	ND	830	120
2,4-Dinitrophenol	ND	8,300	800
4-Nitrophenol	ND	8,300	890
Dibenzofuran	ND	4,100	130
2,4-Dinitrotoluene	ND	4,100	120
Diethylphthalate	ND	4,100	140
Fluorene	ND	830	120
4-Chlorophenyl-phenylether	ND	4,100	120
4-Nitroaniline	ND	8,300	120
4,6-Dinitro-2-methylphenol	ND	8,300	960
N-Nitrosodiphenylamine	ND	4,100	130
Azobenzene	ND	4,100	110
4-Bromophenyl-phenylether	ND	4,100	130
Hexachlorobenzene	ND	4,100	130
Pentachlorophenol	ND	8,300	1,600
Phenanthrene	ND	830	130

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-2-3	Batch#:	240222
Lab ID:	282196-006	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/20/16
Diln Fac:	12.50		

Analyte	Result	RL	MDL
Anthracene	ND	830	140
Di-n-butylphthalate	ND	4,100	150
Fluoranthene	ND	830	130
Pyrene	ND	830	140
Butylbenzylphthalate	ND	4,100	120
3,3'-Dichlorobenzidine	ND	8,300	120
Benzo(a)anthracene	ND	830	130
Chrysene	ND	830	140
bis(2-Ethylhexyl)phthalate	ND	4,100	160
Di-n-octylphthalate	ND	4,100	120
Benzo(b)fluoranthene	ND	830	110
Benzo(k)fluoranthene	ND	830	120
Benzo(a)pyrene	ND	830	110
Indeno(1,2,3-cd)pyrene	ND	830	110
Dibenz(a,h)anthracene	ND	830	120
Benzo(g,h,i)perylene	ND	830	130

Surrogate	%REC	Limits
2-Fluorophenol	DO	25-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	27-120
Nitrobenzene-d5	DO	44-120
2-Fluorobiphenyl	DO	47-120
Terphenyl-d14	DO	49-120

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855937	Batch#:	240222
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/17/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	330	47
Phenol	ND	330	9.9
bis(2-Chloroethyl)ether	ND	330	59
2-Chlorophenol	ND	330	9.9
1,3-Dichlorobenzene	ND	330	56
1,4-Dichlorobenzene	ND	330	9.9
Benzyl alcohol	ND	330	11
1,2-Dichlorobenzene	ND	330	9.9
2-Methylphenol	ND	330	14
bis(2-Chloroisopropyl) ether	ND	330	9.9
4-Methylphenol	ND	330	9.9
N-Nitroso-di-n-propylamine	ND	330	9.9
Hexachloroethane	ND	330	9.9
Nitrobenzene	ND	330	11
Isophorone	ND	330	9.9
2-Nitrophenol	ND	660	9.9
2,4-Dimethylphenol	ND	330	14
Benzoic acid	ND	1,700	430
bis(2-Chloroethoxy)methane	ND	330	9.9
2,4-Dichlorophenol	ND	330	9.9
1,2,4-Trichlorobenzene	ND	330	9.9
Naphthalene	ND	66	9.9
4-Chloroaniline	ND	330	9.3
Hexachlorobutadiene	ND	330	8.8
4-Chloro-3-methylphenol	ND	330	8.3
2-Methylnaphthalene	ND	66	9.9
Hexachlorocyclopentadiene	ND	660	14
2,4,6-Trichlorophenol	ND	330	12
2,4,5-Trichlorophenol	ND	330	8.3
2-Chloronaphthalene	ND	330	8.9
2-Nitroaniline	ND	660	11
Dimethylphthalate	ND	330	9.9
Acenaphthylene	ND	66	8.9
2,6-Dinitrotoluene	ND	330	8.9
3-Nitroaniline	ND	660	9.9
Acenaphthene	ND	66	9.9
2,4-Dinitrophenol	ND	660	64
4-Nitrophenol	ND	660	71
Dibenzofuran	ND	330	10
2,4-Dinitrotoluene	ND	330	9.5
Diethylphthalate	ND	330	11
Fluorene	ND	66	9.8
4-Chlorophenyl-phenylether	ND	330	9.6
4-Nitroaniline	ND	660	9.9
4,6-Dinitro-2-methylphenol	ND	660	76
N-Nitrosodiphenylamine	ND	330	10
Azobenzene	ND	330	8.5
4-Bromophenyl-phenylether	ND	330	10
Hexachlorobenzene	ND	330	11
Pentachlorophenol	ND	660	130
Phenanthrene	ND	66	10
Anthracene	ND	66	11
Di-n-butylphthalate	ND	330	12

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855937	Batch#:	240222
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/17/16

Analyte	Result	RL	MDL
Fluoranthene	ND	66	10
Pyrene	ND	66	11
Butylbenzylphthalate	ND	330	9.9
3,3'-Dichlorobenzidine	ND	660	9.9
Benzo(a)anthracene	ND	66	10
Chrysene	ND	66	11
bis(2-Ethylhexyl)phthalate	ND	330	13
Di-n-octylphthalate	ND	330	9.9
Benzo(b)fluoranthene	ND	66	8.9
Benzo(k)fluoranthene	ND	66	9.4
Benzo(a)pyrene	ND	66	8.7
Indeno(1,2,3-cd)pyrene	ND	66	8.7
Dibenz(a,h)anthracene	ND	66	9.2
Benzo(g,h,i)perylene	ND	66	10

Surrogate	%REC	Limits
2-Fluorophenol	69	25-120
Phenol-d5	67	36-120
2,4,6-Tribromophenol	75	27-120
Nitrobenzene-d5	63	44-120
2-Fluorobiphenyl	73	47-120
Terphenyl-d14	75	49-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC855938	Batch#:	240222
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/17/16

Analyte	Spiked	Result	%REC	Limits
Phenol	2,685	2,159	80	42-120
2-Chlorophenol	2,685	2,164	81	45-120
1,4-Dichlorobenzene	2,685	1,843	69	48-120
N-Nitroso-di-n-propylamine	2,685	2,224	83	27-123
1,2,4-Trichlorobenzene	2,685	1,798	67	50-120
4-Chloro-3-methylphenol	2,685	2,143	80	59-120
Acenaphthene	1,007	948.4	94	53-120
4-Nitrophenol	2,685	1,693	63	47-120
2,4-Dinitrotoluene	2,685	2,432	91	55-120
Pentachlorophenol	2,685	2,249	84	32-120
Pyrene	1,007	1,041	103	52-120

Surrogate	%REC	Limits
2-Fluorophenol	76	25-120
Phenol-d5	81	36-120
2,4,6-Tribromophenol	82	27-120
Nitrobenzene-d5	71	44-120
2-Fluorobiphenyl	82	47-120
Terphenyl-d14	98	49-120

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Field ID:	SB-5-1	Batch#:	240225
Lab ID:	282196-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/24/16
Diln Fac:	50.00		

Analyte	Result	RL	MDL
alpha-BHC	ND	85	9.9
beta-BHC	ND	85	20
gamma-BHC	ND	85	11
delta-BHC	ND	85	14
Heptachlor	ND	85	9.5
Aldrin	ND	85	10
Heptachlor epoxide	ND	85	11
Endosulfan I	ND	85	8.7
Dieldrin	ND	85	20
4,4'-DDE	510	160	29
Endrin	ND	160	28
Endosulfan II	ND	160	25
Endosulfan sulfate	ND	160	26
4,4'-DDD	130 C J	160	36
Endrin aldehyde	ND	160	17
4,4'-DDT	240	160	23
alpha-Chlordane	ND	85	10
gamma-Chlordane	26 C J	85	12
Methoxychlor	ND	850	160
Toxaphene	ND	3,000	450

Surrogate	%REC	Limits
TCMX	DO	44-125
Decachlorobiphenyl	DO	39-121

C= Presence confirmed, but RPD between columns exceeds 40%
J= Estimated value
DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Field ID:	SB-2-1	Batch#:	240225
Lab ID:	282196-005	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/24/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
alpha-BHC	ND	170	20
beta-BHC	ND	170	41
gamma-BHC	ND	170	22
delta-BHC	ND	170	28
Heptachlor	ND	170	19
Aldrin	ND	170	20
Heptachlor epoxide	ND	170	22
Endosulfan I	ND	170	18
Dieldrin	ND	170	40
4,4'-DDE	ND	330	59
Endrin	ND	330	56
Endosulfan II	ND	330	50
Endosulfan sulfate	ND	330	51
4,4'-DDD	ND	330	73
Endrin aldehyde	ND	330	34
4,4'-DDT	ND	330	47
alpha-Chlordane	ND	170	21
gamma-Chlordane	ND	170	25
Methoxychlor	ND	1,700	310
Toxaphene	ND	6,000	910

Surrogate	%REC	Limits
TCMX	DO	44-125
Decachlorobiphenyl	DO	39-121

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Organochlorine Pesticides

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Field ID:	SB-2-3	Batch#:	240225
Lab ID:	282196-006	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/24/16
Diln Fac:	100.0		

Analyte	Result	RL	MDL
alpha-BHC	ND	170	20
beta-BHC	ND	170	41
gamma-BHC	ND	170	21
delta-BHC	ND	170	28
Heptachlor	ND	170	19
Aldrin	ND	170	20
Heptachlor epoxide	ND	170	22
Endosulfan I	ND	170	17
Dieldrin	ND	170	39
4,4'-DDE	ND	330	58
Endrin	ND	330	55
Endosulfan II	ND	330	50
Endosulfan sulfate	ND	330	51
4,4'-DDD	ND	330	72
Endrin aldehyde	ND	330	33
4,4'-DDT	ND	330	47
alpha-Chlordane	ND	170	20
gamma-Chlordane	ND	170	24
Methoxychlor	ND	1,700	310
Toxaphene	ND	5,900	910

Surrogate	%REC	Limits
TCMX	DO	44-125
Decachlorobiphenyl	DO	39-121

DO= Diluted Out
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC855947	Batch#:	240225
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/18/16

Analyte	Result	RL	MDL
alpha-BHC	ND	1.7	0.20
beta-BHC	ND	1.7	0.41
gamma-BHC	ND	1.7	0.22
delta-BHC	ND	1.7	0.28
Heptachlor	ND	1.7	0.19
Aldrin	ND	1.7	0.20
Heptachlor epoxide	ND	1.7	0.22
Endosulfan I	ND	1.7	0.18
Dieldrin	ND	1.7	0.40
4,4'-DDE	ND	3.3	0.59
Endrin	ND	3.3	0.56
Endosulfan II	ND	3.3	0.50
Endosulfan sulfate	ND	3.3	0.51
4,4'-DDD	ND	3.3	0.73
Endrin aldehyde	ND	3.3	0.34
4,4'-DDT	ND	3.3	0.47
alpha-Chlordane	ND	1.7	0.21
gamma-Chlordane	ND	1.7	0.24
Methoxychlor	ND	17	3.1
Toxaphene	ND	60	9.1

Surrogate	%REC	Limits
TCMX	83	44-125
Decachlorobiphenyl	83	39-121

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Organochlorine Pesticides

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC855948	Batch#:	240225
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/18/16

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	13.36	9.077	68	44-121
Heptachlor	13.36	9.161 #	69	45-129
Aldrin	13.36	9.266	69	45-120
Dieldrin	13.36	10.53	79	49-131
Endrin	13.36	10.72 #	80	43-135
4,4'-DDT	13.36	10.80 #	81	37-141

Surrogate	%REC	Limits
TCMX	61	44-125
Decachlorobiphenyl	75	39-121

#= CCV drift outside limits; average CCV drift within limits per method requirements

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	240247
Units:	ug/Kg	Sampled:	10/13/16
Basis:	as received	Received:	10/14/16
Diln Fac:	1.000	Prepared:	10/17/16

Field ID: SB-5-1 Lab ID: 282196-001
Type: SAMPLE

Analyte	Result	RL	MDL	Analyzed
Aroclor-1016	ND	12	3.0	10/18/16
Aroclor-1221	ND	24	8.1	10/18/16
Aroclor-1232	ND	12	3.9	10/18/16
Aroclor-1242	ND	12	3.6	10/18/16
Aroclor-1248	ND	12	3.9	10/18/16
Aroclor-1254	54	12	3.1	10/19/16
Aroclor-1260	200	12	2.0	10/18/16

Surrogate	%REC	Limits	Analyzed
Decachlorobiphenyl	107	25-135	10/18/16

Field ID: SB-2-1 Lab ID: 282196-005
Type: SAMPLE

Analyte	Result	RL	MDL	Analyzed
Aroclor-1016	ND	12	2.9	10/18/16
Aroclor-1221	ND	24	7.8	10/18/16
Aroclor-1232	ND	12	3.8	10/18/16
Aroclor-1242	ND	12	3.5	10/18/16
Aroclor-1248	ND	12	3.8	10/18/16
Aroclor-1254	18	12	3.0	10/19/16
Aroclor-1260	27	12	1.9	10/18/16

Surrogate	%REC	Limits	Analyzed
Decachlorobiphenyl	88	25-135	10/18/16

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	240247
Units:	ug/Kg	Sampled:	10/13/16
Basis:	as received	Received:	10/14/16
Diln Fac:	1.000	Prepared:	10/17/16

Field ID: SB-2-3 Lab ID: 282196-006
Type: SAMPLE Analyzed: 10/18/16

Analyte	Result	RL	MDL
Aroclor-1016	ND	12	2.9
Aroclor-1221	ND	24	7.8
Aroclor-1232	ND	12	3.8
Aroclor-1242	ND	12	3.5
Aroclor-1248	ND	12	3.8
Aroclor-1254	ND	12	3.0
Aroclor-1260	87	12	1.9

Surrogate	%REC	Limits
Decachlorobiphenyl	87	25-135

Type: BLANK Analyzed: 10/18/16
Lab ID: QC856044

Analyte	Result	RL	MDL
Aroclor-1016	ND	12	3.0
Aroclor-1221	ND	24	8.0
Aroclor-1232	ND	12	3.9
Aroclor-1242	ND	12	3.6
Aroclor-1248	ND	12	3.8
Aroclor-1254	ND	12	3.1
Aroclor-1260	ND	12	2.0

Surrogate	%REC	Limits
Decachlorobiphenyl	96	25-135

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC856045	Batch#:	240247
Matrix:	Soil	Prepared:	10/17/16
Units:	ug/Kg	Analyzed:	10/18/16

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	163.9	183.4	112	64-140
Aroclor-1260	163.9	185.8	113	65-146

Surrogate	%REC	Limits
Decachlorobiphenyl	99	25-135

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8082
Field ID:	SB-2-3	Batch#:	240247
MSS Lab ID:	282196-006	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	10/17/16
Basis:	as received	Analyzed:	10/18/16
Diln Fac:	1.000		

Type: MS Lab ID: QC856046

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<2.912	168.2	218.2	130	60-161
Aroclor-1260	86.58	168.2	307.9	132	42-166

Surrogate	%REC	Limits
Decachlorobiphenyl	95	25-135

Type: MSD Lab ID: QC856047

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	168.0	256.8	153	60-161	16	43
Aroclor-1260	168.0	290.1	121	42-166	6	51

Surrogate	%REC	Limits
Decachlorobiphenyl	91	25-135

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282196	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-5-GW	Diln Fac:	1.000
Lab ID:	282196-004	Sampled:	10/13/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L		

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	10	2.0	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Arsenic	32	5.0	1.3	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Barium	570	5.0	1.0	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Beryllium	2.0	2.0	0.20	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Cadmium	3.2 J	5.0	0.40	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Chromium	600	5.0	1.0	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Cobalt	110	5.0	1.0	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Copper	51	5.0	1.0	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Lead	72	5.0	1.0	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Mercury	0.19 J	0.20	0.040	240535	10/25/16	10/25/16	METHOD	EPA 7470A
Molybdenum	17	5.0	1.0	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Nickel	500	5.0	0.50	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Selenium	ND	10	2.2	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Silver	ND	5.0	1.1	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Thallium	5.1 J	10	1.9	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Vanadium	440	5.0	0.57	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B
Zinc	320	20	5.0	240319	10/19/16	10/20/16	EPA 3010A	EPA 6010B

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282196	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-2-GW	Diln Fac:	1.000
Lab ID:	282196-010	Sampled:	10/14/16
Matrix:	Water	Received:	10/14/16
Units:	ug/L		

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	14	10	2.0	240319	10/19/16	10/27/16	EPA 3010A	EPA 6010B
Arsenic	12	5.0	1.3	240319	10/19/16	10/27/16	EPA 3010A	EPA 6010B
Barium	290	5.0	1.0	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Beryllium	1.0 J	2.0	0.20	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	0.40	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Chromium	660	5.0	1.0	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Cobalt	33	5.0	1.0	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Copper	37	5.0	1.0	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Lead	56	5.0	1.0	240319	10/19/16	10/27/16	EPA 3010A	EPA 6010B
Mercury	0.33	0.20	0.040	240535	10/25/16	10/25/16	METHOD	EPA 7470A
Molybdenum	19	5.0	1.0	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Nickel	150	5.0	0.50	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Selenium	ND	10	2.2	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Silver	ND	5.0	1.1	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Thallium	3.4 J	10	1.9	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Vanadium	310	5.0	0.57	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B
Zinc	170	20	5.0	240319	10/19/16	10/21/16	EPA 3010A	EPA 6010B

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3010A
Project#:	0363086	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856341	Batch#:	240319
Matrix:	Water	Prepared:	10/19/16
Units:	ug/L	Analyzed:	10/20/16

Analyte	Result	RL	MDL
Antimony	ND	10	2.0
Arsenic	ND	5.0	1.3
Barium	ND	5.0	1.0
Beryllium	ND	2.0	0.20
Cadmium	ND	5.0	0.40
Chromium	ND	5.0	1.0
Cobalt	ND	5.0	1.0
Copper	ND	5.0	1.0
Lead	ND	5.0	1.0
Molybdenum	ND	5.0	1.0
Nickel	ND	5.0	0.50
Selenium	ND	10	2.2
Silver	ND	5.0	1.1
Thallium	ND	10	1.9
Vanadium	ND	5.0	0.57
Zinc	ND	20	5.0

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3010A
Project#:	0363086	Analysis:	EPA 6010B
Matrix:	Water	Batch#:	240319
Units:	ug/L	Prepared:	10/19/16
Diln Fac:	1.000	Analyzed:	10/20/16

Type: BS Lab ID: QC856342

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	94.09	94	79-120
Arsenic	100.0	94.70	95	80-120
Barium	100.0	98.86	99	80-120
Beryllium	100.0	99.01	99	80-120
Cadmium	100.0	99.40	99	80-120
Chromium	100.0	99.52	100	80-120
Cobalt	100.0	99.12	99	80-120
Copper	100.0	97.08	97	80-120
Lead	100.0	95.90	96	80-120
Molybdenum	100.0	105.7	106	80-120
Nickel	100.0	99.00	99	80-120
Selenium	100.0	90.88	91	80-120
Silver	100.0	97.45	97	77-120
Thallium	50.00	50.80	102	80-121
Vanadium	100.0	99.54	100	80-120
Zinc	100.0	98.33	98	80-120

Type: BSD Lab ID: QC856343

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	92.60	93	79-120	2	20
Arsenic	100.0	99.65	100	80-120	5	20
Barium	100.0	98.88	99	80-120	0	20
Beryllium	100.0	100.6	101	80-120	2	20
Cadmium	100.0	99.69	100	80-120	0	20
Chromium	100.0	102.2	102	80-120	3	20
Cobalt	100.0	99.36	99	80-120	0	20
Copper	100.0	98.95	99	80-120	2	20
Lead	100.0	95.71	96	80-120	0	20
Molybdenum	100.0	104.6	105	80-120	1	20
Nickel	100.0	99.80	100	80-120	1	20
Selenium	100.0	96.35	96	80-120	6	20
Silver	100.0	97.92	98	77-120	0	20
Thallium	50.00	49.16	98	80-121	3	20
Vanadium	100.0	101.6	102	80-120	2	20
Zinc	100.0	99.53	100	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3010A
Project#:	0363086	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	240319
MSS Lab ID:	282303-001	Sampled:	10/18/16
Matrix:	Water	Received:	10/18/16
Units:	ug/L	Prepared:	10/19/16
Diln Fac:	1.000	Analyzed:	10/20/16

Type: MS Lab ID: QC856344

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<2.000	100.0	89.68	90	74-120
Arsenic	2.452	100.0	96.99	95	80-127
Barium	23.37	100.0	119.1	96	80-120
Beryllium	<0.2000	100.0	100.2	100	80-120
Cadmium	<0.3976	100.0	96.93	97	80-120
Chromium	3.912	100.0	104.1	100	80-120
Cobalt	<1.000	100.0	96.87	97	80-120
Copper	12.53	100.0	109.6	97	80-120
Lead	<1.028	100.0	91.29	91	67-120
Molybdenum	19.49	100.0	122.1	103	80-120
Nickel	1.342	100.0	99.47	98	80-120
Selenium	<2.215	100.0	96.24	96	73-132
Silver	<1.083	100.0	98.48	98	67-120
Thallium	<1.905	50.00	50.65	101	76-121
Vanadium	31.49	100.0	132.3	101	80-120
Zinc	<5.000	100.0	100.3	100	80-122

Type: MSD Lab ID: QC856345

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	93.66	94	74-120	4	24
Arsenic	100.0	105.1	103	80-127	8	25
Barium	100.0	125.2	102	80-120	5	20
Beryllium	100.0	107.1	107	80-120	7	20
Cadmium	100.0	102.4	102	80-120	5	20
Chromium	100.0	110.2	106	80-120	6	20
Cobalt	100.0	102.2	102	80-120	5	20
Copper	100.0	116.8	104	80-120	6	20
Lead	100.0	95.98	96	67-120	5	23
Molybdenum	100.0	126.7	107	80-120	4	20
Nickel	100.0	105.8	104	80-120	6	20
Selenium	100.0	99.96	100	73-132	4	30
Silver	100.0	102.3	102	67-120	4	22
Thallium	50.00	52.58	105	76-121	4	20
Vanadium	100.0	139.9	108	80-120	6	20
Zinc	100.0	104.0	104	80-122	4	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	240535
Lab ID:	QC857192	Prepared:	10/25/16
Matrix:	Filtrate	Analyzed:	10/25/16
Units:	ug/L		

Result	RL	MDL
ND	0.20	0.040

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	240535
Matrix:	Filtrate	Prepared:	10/25/16
Units:	ug/L	Analyzed:	10/25/16
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC857193	2.500	2.586	103	80-120		
BSD	QC857194	2.500	2.499	100	80-120	3	24

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	240535
Field ID:	ZZZZZZZZZZ	Sampled:	10/21/16
MSS Lab ID:	282470-001	Received:	10/21/16
Matrix:	Filtrate	Prepared:	10/25/16
Units:	ug/L	Analyzed:	10/25/16
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC857195	<0.04000	2.500	2.566	103	60-130		
MSD	QC857196		2.500	2.629	105	60-130	2	34

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282196	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-5-1	Basis:	as received
Lab ID:	282196-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	mg/Kg		

Analyte	Result	RL	MDL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	21	1.9	0.15	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Arsenic	12	0.24	0.071	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Barium	290	0.24	0.052	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Beryllium	0.35	0.097	0.012	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Cadmium	1.9	0.24	0.025	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Chromium	99	0.24	0.061	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Cobalt	8.4	0.24	0.029	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Copper	130	0.24	0.081	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Lead	790	24	6.8	100.0	240331	10/19/16	10/20/16	EPA 3050B	EPA 6010B
Mercury	4.2	0.16	0.029	10.00	240714	10/28/16	10/28/16	METHOD	EPA 7471A
Molybdenum	0.57	0.24	0.047	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Nickel	22	0.24	0.064	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Selenium	ND	1.9	0.16	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Silver	ND	0.24	0.039	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Thallium	ND	0.49	0.14	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Vanadium	55	0.24	0.055	1.000	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Zinc	860	97	19	100.0	240331	10/19/16	10/20/16	EPA 3050B	EPA 6010B

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282196	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-5-5	Basis:	as received
Lab ID:	282196-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/14/16

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.9 J	2.0	0.16	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Arsenic	6.2	0.27	0.077	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Barium	62	0.27	0.057	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Beryllium	0.21	0.11	0.013	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Cadmium	0.36	0.27	0.027	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Chromium	40	0.27	0.067	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Cobalt	28	0.27	0.032	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Copper	12	0.27	0.089	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Lead	14	0.27	0.074	240331	10/19/16	10/21/16	EPA 3050B	EPA 6010B
Mercury	0.098	0.017	0.0030	240714	10/28/16	10/28/16	METHOD	EPA 7471A
Molybdenum	0.54	0.27	0.052	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Nickel	21	0.27	0.070	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Selenium	ND	2.0	0.17	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Silver	2.7	0.27	0.042	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Thallium	0.33 J	0.53	0.15	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Vanadium	40	0.27	0.061	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Zinc	33	1.1	0.21	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282196	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-2-1	Basis:	as received
Lab ID:	282196-005	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/14/16

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	1.2 J	2.0	0.16	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Arsenic	3.3	0.27	0.078	240331	10/19/16	10/21/16	EPA 3050B	EPA 6010B
Barium	150	0.27	0.058	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Beryllium	0.29	0.11	0.013	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Cadmium	0.56	0.27	0.027	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Chromium	120	0.27	0.068	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Cobalt	8.1	0.27	0.032	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Copper	25	0.27	0.090	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Lead	31	0.27	0.075	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Mercury	0.15	0.017	0.0030	240775	10/31/16	10/31/16	METHOD	EPA 7471A
Molybdenum	0.86	0.27	0.053	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Nickel	32	0.27	0.071	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Selenium	ND	2.0	0.17	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Silver	ND	0.27	0.043	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Thallium	0.39 J	0.54	0.15	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Vanadium	42	0.27	0.061	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Zinc	86	1.1	0.22	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282196	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-2-3	Basis:	as received
Lab ID:	282196-006	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/14/16

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	4.4	2.0	0.15	240331	10/19/16	10/21/16	EPA 3050B	EPA 6010B
Arsenic	4.1	0.26	0.075	240331	10/19/16	10/21/16	EPA 3050B	EPA 6010B
Barium	110	0.26	0.055	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Beryllium	0.23	0.10	0.013	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Cadmium	0.93	0.26	0.026	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Chromium	100	0.26	0.065	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Cobalt	9.0	0.26	0.031	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Copper	71	0.26	0.086	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Lead	110	0.26	0.072	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Mercury	0.17	0.016	0.0030	240775	10/31/16	10/31/16	METHOD	EPA 7471A
Molybdenum	0.77	0.26	0.050	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Nickel	26	0.26	0.068	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Selenium	ND	2.0	0.16	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Silver	ND	0.26	0.041	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Thallium	ND	0.52	0.14	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Vanadium	49	0.26	0.059	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B
Zinc	170	1.0	0.21	240331	10/19/16	10/19/16	EPA 3050B	EPA 6010B

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3050B
Project#:	0363086	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC856386	Batch#:	240331
Matrix:	Soil	Prepared:	10/19/16
Units:	mg/Kg	Analyzed:	10/19/16

Analyte	Result	RL	MDL
Antimony	ND	2.0	0.16
Arsenic	ND	0.26	0.076
Barium	ND	0.26	0.056
Beryllium	ND	0.10	0.013
Cadmium	ND	0.26	0.027
Chromium	ND	0.26	0.066
Cobalt	ND	0.26	0.031
Copper	ND	0.26	0.087
Lead	ND	0.26	0.073
Molybdenum	ND	0.26	0.051
Nickel	0.081 J	0.26	0.069
Selenium	ND	2.0	0.17
Silver	0.051 J	0.26	0.042
Thallium	ND	0.52	0.15
Vanadium	ND	0.26	0.059
Zinc	1.1 b	1.0	0.21

J= Estimated value
b= See narrative
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3050B
Project#:	0363086	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	240331
Units:	mg/Kg	Prepared:	10/19/16
Diln Fac:	1.000	Analyzed:	10/19/16

Type: BS Lab ID: QC856387

Analyte	Spiked	Result	%REC	Limits
Antimony	53.19	47.99	90	80-120
Arsenic	53.19	48.90	92	80-120
Barium	53.19	54.28	102	80-120
Beryllium	26.60	27.68	104	80-120
Cadmium	53.19	52.58	99	80-120
Chromium	53.19	54.08	102	80-120
Cobalt	53.19	51.87	98	80-120
Copper	53.19	52.66	99	80-120
Lead	53.19	49.90	94	80-120
Molybdenum	53.19	48.62	91	80-120
Nickel	53.19	53.05	100	80-120
Selenium	53.19	48.36	91	80-120
Silver	5.319	4.949	93	80-120
Thallium	53.19	49.41	93	80-120
Vanadium	53.19	53.51	101	80-120
Zinc	53.19	51.27	96	80-120

Type: BSD Lab ID: QC856388

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	52.63	48.35	92	80-120	2	20
Arsenic	52.63	49.74	95	80-120	3	20
Barium	52.63	54.21	103	80-120	1	20
Beryllium	26.32	27.52	105	80-120	0	20
Cadmium	52.63	52.58	100	80-120	1	20
Chromium	52.63	54.18	103	80-120	1	20
Cobalt	52.63	51.95	99	80-120	1	20
Copper	52.63	52.65	100	80-120	1	20
Lead	52.63	50.04	95	80-120	1	20
Molybdenum	52.63	48.75	93	80-120	1	20
Nickel	52.63	53.03	101	80-120	1	20
Selenium	52.63	49.14	93	80-120	3	20
Silver	5.263	5.000	95	80-120	2	20
Thallium	52.63	49.84	95	80-120	2	20
Vanadium	52.63	53.60	102	80-120	1	20
Zinc	52.63	51.08	97	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3050B
Project#:	0363086	Analysis:	EPA 6010B
Field ID:	SB-5-1	Batch#:	240331
MSS Lab ID:	282196-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	mg/Kg	Prepared:	10/19/16
Basis:	as received	Analyzed:	10/19/16
Diln Fac:	1.000		

Type: MS Lab ID: QC856389

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	20.91	48.08	75.40	113	15-120
Arsenic	11.88	48.08	55.32	90	69-120
Barium	290.9	48.08	375.9	177 NM	35-154
Beryllium	0.3485	24.04	24.21	99	75-120
Cadmium	1.857	48.08	46.97	94	71-120
Chromium	99.17	48.08	141.9	89	57-133
Cobalt	8.383	48.08	53.04	93	56-125
Copper	131.2	48.08	196.6	136	54-144
Lead	786.5	48.08	943.7 >LR	327 NM	53-125
Molybdenum	0.5726	48.08	39.31	81	66-120
Nickel	22.23	48.08	68.75	97	44-141
Selenium	<0.1551	48.08	40.59	84	61-120
Silver	<0.03871	4.808	4.192	87	69-120
Thallium	<0.1363	48.08	40.67	85	59-120
Vanadium	55.38	48.08	87.56	67	52-144
Zinc	857.2	48.08	1,250 >LR	817 NM	45-145

Type: MSD Lab ID: QC856390

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	54.35	46.38	47	15-120	56 *	41
Arsenic	54.35	68.84	105	69-120	12	35
Barium	54.35	318.5	51 NM	35-154	18	36
Beryllium	27.17	28.27	103	75-120	3	20
Cadmium	54.35	53.85	96	71-120	2	25
Chromium	54.35	141.5	78	57-133	4	33
Cobalt	54.35	59.62	94	56-125	1	36
Copper	54.35	220.5	164 *	54-144	8	38
Lead	54.35	901.6 >LR	212 NM	53-125	NC	42
Molybdenum	54.35	46.90	85	66-120	6	20
Nickel	54.35	82.04	110	44-141	9	39
Selenium	54.35	47.94	88	61-120	4	33
Silver	5.435	4.888	90	69-120	3	22
Thallium	54.35	48.63	89	59-120	6	27
Vanadium	54.35	91.76	67	52-144	1	29
Zinc	54.35	917.5 >LR	111 NM	45-145	NC	39

*= Value outside of QC limits; see narrative
NC= Not Calculated
NM= Not Meaningful: Sample concentration > 4X spike concentration
>LR= Response exceeds instrument's linear range
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	240714
Lab ID:	QC857912	Prepared:	10/28/16
Matrix:	Soil	Analyzed:	10/28/16
Units:	mg/Kg		

Result	RL	MDL
ND	0.016	0.0030

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	240714
Matrix:	Soil	Prepared:	10/28/16
Units:	mg/Kg	Analyzed:	10/28/16
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC857913	0.1953	0.2337	120	80-120		
BSD	QC857914	0.2119	0.2515	119	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	240714
MSS Lab ID:	282536-012	Sampled:	10/24/16
Matrix:	Soil	Received:	10/24/16
Units:	mg/Kg	Prepared:	10/28/16
Basis:	as received	Analyzed:	10/28/16

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC857915	0.08220	0.1984	0.3084	114	69-142		
MSD	QC857916		0.2016	0.3142	115	69-142	1	36

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	240775
Lab ID:	QC858208	Prepared:	10/31/16
Matrix:	Soil	Analyzed:	10/31/16
Units:	mg/Kg		

Result	RL	MDL
ND	0.017	0.0030

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	240775
Matrix:	Soil	Prepared:	10/31/16
Units:	mg/Kg	Analyzed:	10/31/16
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC858209	0.2119	0.2045	97	80-120		
BSD	QC858210	0.2155	0.2141	99	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282196	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	SB-1-1	Batch#:	240775
MSS Lab ID:	282148-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/13/16
Units:	mg/Kg	Prepared:	10/31/16
Basis:	as received	Analyzed:	10/31/16

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC858211	0.4301	0.2083	0.5708	68 *	69-142		
MSD	QC858212		0.1984	0.6447	108	69-142	14	36

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference


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Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 282764
ANALYTICAL REPORT

ERM	Project : 0363086
1277 Treat Blvd.	Location : Martin Extension
Walnut Creek, CA 94597	Level : II

Sample ID	Lab ID
SB-5-9	282764-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 11/04/2016

Dina Ali
Project Manager
dina.ali@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**282764**
Client:	**ERM**
Project:	**0363086**
Location:	**Martin Extension**
Request Date:	**10/28/16**
Samples Received:	**10/14/16**

This data package contains sample and QC results for one soil sample, requested for the above referenced project on 10/28/16. The sample was received on ice and intact.

TPH-Extractables by GC (EPA 8015B):

282764-001 was prepared outside of hold time; affected data was qualified with "b". No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

Matrix spikes QC858366,QC858367 (batch 240829) were not reported because the parent sample required a dilution that would have diluted out the spikes. 282764-001 was prepared outside of hold time; affected data was qualified with "b". No other analytical problems were encountered.

Subject: RE: 0363086 - C&T Updated Partial Reports (282196) 282764
From: Shannon Martin <Shannon.Martin@erm.com>
Date: 10/28/2016 7:43 AM
To: Dina Ali <dina.ali@ctberk.com>
CC: John Lucio <John.Lucio@erm.com>, Chimi Yi <Chimi.Yi@erm.com>, Doug Moberg <Doug.Moberg@erm.com>

Hi Dina,

We would like to request that SB-5-9 also be run for SVOCs by 8270C.

Thanks,

Shannon Martin, P.G.

Senior Project Geologist

ERM

114 Sansome Street, Suite 750 | San Francisco, California | 94104

T 628 221 7823 | **M** 510 508 9129

E shannon.martin@erm.com | **W** www.erm.com

ERM *The business of sustainability*

Subject: RE: 0363086 - C&T Updated Partial Reports (282196)
From: Shannon Martin <Shannon.Martin@erm.com>
Date: 10/28/2016 8:07 AM
To: Dina Ali <dina.ali@ctberk.com>
CC: John Lucio <John.Lucio@erm.com>, Chimi Yi <Chimi.Yi@erm.com>, Doug Moberg <Doug.Moberg@erm.com>

Dina,

Please also run SB-5-9 for extractable TPH.

Thanks,

Shannon

From: Shannon Martin
Sent: Friday, October 28, 2016 7:43 AM
To: 'Dina Ali'
Cc: John Lucio; Chimi Yi; Doug Moberg
Subject: RE: 0363086 - C&T Updated Partial Reports (282196)

Hi Dina,

We would like to request that SB-5-9 also be run for SVOCs by 8270C.

Thanks,

Shannon Martin, P.G.

Senior Project Geologist

CHAIN OF CUSTODY

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Page 1 of 1

Chain of Custody #

C&T LOGIN # 282196

Project No: 0363086 | Sampler: S. Martin

Project Name: Martin Extension | Report To: Chimi Yi / John Lucio

Project P. O. No: | Company: ERM

EDD Format: | Report Level ☐ II ☐ III ☐ IV | Telephone: 925-946-0455

Turnaround Time: ☐ RUSH ☒ Standard | Email: john.lucio@erm.com

Lab No.	Sample ID.	SAMPLING		MATRIX			# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST
		Date Collected	Time Collected	Water	Solid			HCl	H2SO4	HNO3	NaOH	None	TPH-d, TPH-mo 8015M; VOCs, TPH-g 8260; SVOCs 8270C; Title 22 metals; PCBs 8082; Pesticides 8081; HOLD
1	SB-5-1	10/13/16	1453		X		1					X	X X X X X X X
2	SB-5-5		1520		X		1					X	X X X X
3	SB-5-9		1550		X		1					X	X
4	SB-5-GW		1600	X	X		11	X				X	X X X X X
5	SB-2-1		1645		X		1					X	X X X X X X
6	SB-2-3		1705		X		1					X	X X X X X X
7	SB-2-5		1710		X		1					X	X
8	SB-2-8		1728		X		1					X	X
9	SB-2-9		1730		X		1					X	X
10	SB-2-GW	10/14/16	0810	X			11					X	X X X X
11	~~SB~~ Trip Blank	10/13/16	1630	X			3	X					X

Notes:
~~Metals~~ samples for gw not field filtered, please preserve upon receipt.
No SGCU on TPH-d/-mo

SAMPLE RECEIPT
☐ Intact
☐ Cold
☒ On Ice
☐ Ambient

RELINQUISHED BY:
DATE: 10/14/16 TIME: 0913
DATE: TIME:
DATE: TIME:

RECEIVED BY:
Pat Hanaly
DATE: 10/14/16 TIME: 09:13
DATE: TIME:
DATE: TIME:

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 282196 Date Received 10/14/16 Number of coolers 1
Client ERM Project Martin Extension

Date Opened 10/14 By (print) CB (sign) [signature]
Date Logged in ↓ By (print) DTN (sign) [signature]
Date Labeled ____ By (print) CB (sign) [signature]

1. Did cooler come with a shipping slip (airbill, etc) ____ YES (NO)
Shipping info ____

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
How many ____ Name ____ Date ____
2B. Were custody seals intact upon arrival? ____ YES NO (N/A)
3. Were custody papers dry and intact when received? ____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? ____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe) ____

☐ Bubble Wrap ☐ Foam blocks ☒ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) 4.1

☐ Temperature blank(s) included? ☐ Thermometer# ____ ☒ IR Gun# B

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? ____ YES NO
If YES, what time were they transferred to freezer? ____
9. Did all bottles arrive unbroken/unopened? ____ (YES) NO
10. Are there any missing / extra samples? ____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? ____ (YES) NO
12. Are sample labels present, in good condition and complete? ____ (YES) NO
13. Do the sample labels agree with custody papers? ____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? ____ (YES) NO
15. Are the samples appropriately preserved? ____ (YES) NO N/A CB
16. Did you check preservatives for all bottles for each sample? ____ (YES) NO N/A CB
17. Did you document your preservative check? (pH strip lot# 80BDH1461) (YES) NO N/A CB
18. Did you change the hold time in LIMS for unpreserved VOAs? ____ YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? ____ YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? ____ YES (NO) N/A
21. Was the client contacted concerning this sample delivery? ____ YES (NO)
If YES, Who was called? ____ By ____ Date: ____

COMMENTS
20 1/3 VOA For Sample 011 Recorded with bubbles >6mm
added HNO3 To Sample 002, 0101 to pH<2 @ 10/14/16 2208

Curtis & Tompkins Sample Preservation for 282196

Sample	pH: <2	>9	>12	Other
-004a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[X]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
g	[ ]	[ ]	[ ]	_____
h	[ ]	[ ]	[ ]	_____
i	[ ]	[ ]	[ ]	_____
j	[ ]	[ ]	[ ]	_____
k	[ ]	[ ]	[ ]	_____
-010a	[ ]	[ ]	[ ]	_____
b	[ ]	[ ]	[ ]	_____
c	[ ]	[ ]	[ ]	_____
d	[X]	[ ]	[ ]	_____
e	[ ]	[ ]	[ ]	_____
f	[ ]	[ ]	[ ]	_____
g	[ ]	[ ]	[ ]	_____
h	[ ]	[ ]	[ ]	_____
i	[ ]	[ ]	[ ]	_____
j	[ ]	[ ]	[ ]	_____
k	[ ]	[ ]	[ ]	_____

Analyst: CB
Date: 10/14/16

Curtis & Tompkins, Ltd.

Detections Summary for 282764

Results for any subcontracted analyses are not included in this summary.

Client : ERM
Project : 0363086
Location : Martin Extension

Client Sample ID : SB-5-9 Laboratory Sample ID : 282764-001

No Detections

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	282764	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Field ID:	SB-5-9	Batch#:	240842
Matrix:	Soil	Sampled:	10/13/16
Units:	mg/Kg	Received:	10/14/16
Basis:	as received	Prepared:	11/01/16
Diln Fac:	1.000		

Type: SAMPLE Analyzed: 11/03/16
Lab ID: 282764-001

Analyte	Result	RL	MDL
Diesel C10-C24	ND b	1.0	0.31
Motor Oil C24-C36	ND b	5.0	1.5

Surrogate	%REC	Limits
o-Terphenyl	99 b	59-140

Type: BLANK Analyzed: 11/02/16
Lab ID: QC858417

Analyte	Result	RL	MDL
Diesel C10-C24	ND	1.0	0.31
Motor Oil C24-C36	ND	5.0	1.5

Surrogate	%REC	Limits
o-Terphenyl	104	59-140

b= See narrative
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	282764	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC858418	Batch#:	240842
Matrix:	Soil	Prepared:	11/01/16
Units:	mg/Kg	Analyzed:	11/02/16

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.33	42.63	85	58-137

Surrogate	%REC	Limits
o-Terphenyl	90	59-140

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	282764	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	240842
MSS Lab ID:	282872-001	Sampled:	10/31/16
Matrix:	Soil	Received:	11/01/16
Units:	mg/Kg	Prepared:	11/01/16
Basis:	as received	Analyzed:	11/02/16
Diln Fac:	1.000		

Type: MS Lab ID: QC858419

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	3.889	50.40	57.45	106	46-154

Surrogate	%REC	Limits
o-Terphenyl	114	59-140

Type: MSD Lab ID: QC858420

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.86	68.54	130	46-154	19	50

Surrogate	%REC	Limits
o-Terphenyl	116	59-140

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282764	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-5-9	Batch#:	240829
Lab ID:	282764-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	11/01/16
Basis:	as received	Analyzed:	11/01/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND b	330	47
Phenol	ND b	330	10
bis(2-Chloroethyl)ether	ND b	330	60
2-Chlorophenol	ND b	330	10
1,3-Dichlorobenzene	ND b	330	57
1,4-Dichlorobenzene	ND b	330	10
Benzyl alcohol	ND b	330	11
1,2-Dichlorobenzene	ND b	330	10
2-Methylphenol	ND b	330	14
bis(2-Chloroisopropyl) ether	ND b	330	10
4-Methylphenol	ND b	330	10
N-Nitroso-di-n-propylamine	ND b	330	10
Hexachloroethane	ND b	330	10
Nitrobenzene	ND b	330	11
Isophorone	ND b	330	10
2-Nitrophenol	ND b	670	10
2,4-Dimethylphenol	ND b	330	14
Benzoic acid	ND b	1,700	440
bis(2-Chloroethoxy)methane	ND b	330	10
2,4-Dichlorophenol	ND b	330	10
1,2,4-Trichlorobenzene	ND b	330	10
Naphthalene	ND b	67	10
4-Chloroaniline	ND b	330	9.4
Hexachlorobutadiene	ND b	330	8.9
4-Chloro-3-methylphenol	ND b	330	8.4
2-Methylnaphthalene	ND b	67	10
Hexachlorocyclopentadiene	ND b	670	14
2,4,6-Trichlorophenol	ND b	330	13
2,4,5-Trichlorophenol	ND b	330	8.4
2-Chloronaphthalene	ND b	330	9.0
2-Nitroaniline	ND b	670	11
Dimethylphthalate	ND b	330	10
Acenaphthylene	ND b	67	9.0
2,6-Dinitrotoluene	ND b	330	9.0
3-Nitroaniline	ND b	670	10
Acenaphthene	ND b	67	10
2,4-Dinitrophenol	ND b	670	64
4-Nitrophenol	ND b	670	71
Dibenzofuran	ND b	330	10
2,4-Dinitrotoluene	ND b	330	9.7
Diethylphthalate	ND b	330	11
Fluorene	ND b	67	9.9
4-Chlorophenyl-phenylether	ND b	330	9.7
4-Nitroaniline	ND b	670	10
4,6-Dinitro-2-methylphenol	ND b	670	77
N-Nitrosodiphenylamine	ND b	330	11
Azobenzene	ND b	330	8.6
4-Bromophenyl-phenylether	ND b	330	11
Hexachlorobenzene	ND b	330	11
Pentachlorophenol	ND b	670	130
Phenanthrene	ND b	67	11

b= See narrative
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	282764	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Field ID:	SB-5-9	Batch#:	240829
Lab ID:	282764-001	Sampled:	10/13/16
Matrix:	Soil	Received:	10/14/16
Units:	ug/Kg	Prepared:	11/01/16
Basis:	as received	Analyzed:	11/01/16
Diln Fac:	1.000		

Analyte	Result	RL	MDL
Anthracene	ND b	67	11
Di-n-butylphthalate	ND b	330	12
Fluoranthene	ND b	67	10
Pyrene	ND b	67	11
Butylbenzylphthalate	ND b	330	10
3,3'-Dichlorobenzidine	ND b	670	10
Benzo(a)anthracene	ND b	67	10
Chrysene	ND b	67	11
bis(2-Ethylhexyl)phthalate	ND b	330	13
Di-n-octylphthalate	ND b	330	10
Benzo(b)fluoranthene	ND b	67	9.0
Benzo(k)fluoranthene	ND b	67	9.5
Benzo(a)pyrene	ND b	67	8.8
Indeno(1,2,3-cd)pyrene	ND b	67	8.8
Dibenz(a,h)anthracene	ND b	67	9.4
Benzo(g,h,i)perylene	ND b	67	10

Surrogate	%REC	Limits
2-Fluorophenol	67 b	25-120
Phenol-d5	64 b	36-120
2,4,6-Tribromophenol	71 b	27-120
Nitrobenzene-d5	59 b	44-120
2-Fluorobiphenyl	68 b	47-120
Terphenyl-d14	71 b	49-120

b= See narrative
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282764	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC858364	Batch#:	240829
Matrix:	Soil	Prepared:	11/01/16
Units:	ug/Kg	Analyzed:	11/01/16

Analyte	Result	RL	MDL
N-Nitrosodimethylamine	ND	340	48
Phenol	ND	340	10
bis(2-Chloroethyl)ether	ND	340	60
2-Chlorophenol	ND	340	10
1,3-Dichlorobenzene	ND	340	57
1,4-Dichlorobenzene	ND	340	10
Benzyl alcohol	ND	340	11
1,2-Dichlorobenzene	ND	340	10
2-Methylphenol	ND	340	14
bis(2-Chloroisopropyl) ether	ND	340	10
4-Methylphenol	ND	340	10
N-Nitroso-di-n-propylamine	ND	340	10
Hexachloroethane	ND	340	10
Nitrobenzene	ND	340	11
Isophorone	ND	340	10
2-Nitrophenol	ND	670	10
2,4-Dimethylphenol	ND	340	14
Benzoic acid	ND	1,700	440
bis(2-Chloroethoxy)methane	ND	340	10
2,4-Dichlorophenol	ND	340	10
1,2,4-Trichlorobenzene	ND	340	10
Naphthalene	ND	67	10
4-Chloroaniline	ND	340	9.5
Hexachlorobutadiene	ND	340	9.0
4-Chloro-3-methylphenol	ND	340	8.4
2-Methylnaphthalene	ND	67	10
Hexachlorocyclopentadiene	ND	670	14
2,4,6-Trichlorophenol	ND	340	13
2,4,5-Trichlorophenol	ND	340	8.4
2-Chloronaphthalene	ND	340	9.0
2-Nitroaniline	ND	670	11
Dimethylphthalate	ND	340	10
Acenaphthylene	ND	67	9.0
2,6-Dinitrotoluene	ND	340	9.0
3-Nitroaniline	ND	670	10
Acenaphthene	ND	67	10
2,4-Dinitrophenol	ND	670	65
4-Nitrophenol	ND	670	72
Dibenzofuran	ND	340	10
2,4-Dinitrotoluene	ND	340	9.7
Diethylphthalate	ND	340	11
Fluorene	ND	67	10
4-Chlorophenyl-phenylether	ND	340	9.7
4-Nitroaniline	ND	670	10
4,6-Dinitro-2-methylphenol	ND	670	77
N-Nitrosodiphenylamine	ND	340	11
Azobenzene	ND	340	8.6
4-Bromophenyl-phenylether	ND	340	11
Hexachlorobenzene	ND	340	11
Pentachlorophenol	ND	670	130
Phenanthrene	ND	67	11
Anthracene	ND	67	11
Di-n-butylphthalate	ND	340	12

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282764	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC858364	Batch#:	240829
Matrix:	Soil	Prepared:	11/01/16
Units:	ug/Kg	Analyzed:	11/01/16

Analyte	Result	RL	MDL
Fluoranthene	ND	67	10
Pyrene	ND	67	11
Butylbenzylphthalate	ND	340	10
3,3'-Dichlorobenzidine	ND	670	10
Benzo(a)anthracene	ND	67	10
Chrysene	ND	67	11
bis(2-Ethylhexyl)phthalate	ND	340	13
Di-n-octylphthalate	ND	340	10
Benzo(b)fluoranthene	ND	67	9.1
Benzo(k)fluoranthene	ND	67	9.6
Benzo(a)pyrene	ND	67	8.8
Indeno(1,2,3-cd)pyrene	ND	67	8.9
Dibenz(a,h)anthracene	ND	67	9.4
Benzo(g,h,i)perylene	ND	67	10

Surrogate	%REC	Limits
2-Fluorophenol	69	25-120
Phenol-d5	66	36-120
2,4,6-Tribromophenol	78	27-120
Nitrobenzene-d5	63	44-120
2-Fluorobiphenyl	76	47-120
Terphenyl-d14	72	49-120

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	282764	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3550B
Project#:	0363086	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC858365	Batch#:	240829
Matrix:	Soil	Prepared:	11/01/16
Units:	ug/Kg	Analyzed:	11/02/16

Analyte	Spiked	Result	%REC	Limits
Phenol	2,685	1,801	67	42-120
2-Chlorophenol	2,685	1,904	71	45-120
1,4-Dichlorobenzene	2,685	1,879	70	48-120
N-Nitroso-di-n-propylamine	2,685	1,724	64	27-123
1,2,4-Trichlorobenzene	2,685	1,840	69	50-120
4-Chloro-3-methylphenol	2,685	1,948	73	59-120
Acenaphthene	1,007	682.3	68	53-120
4-Nitrophenol	2,685	2,084	78	47-120
2,4-Dinitrotoluene	2,685	1,883	70	55-120
Pentachlorophenol	2,685	1,265	47	32-120
Pyrene	1,007	598.5	59	52-120

Surrogate	%REC	Limits
2-Fluorophenol	64	25-120
Phenol-d5	67	36-120
2,4,6-Tribromophenol	73	27-120
Nitrobenzene-d5	64	44-120
2-Fluorobiphenyl	65	47-120
Terphenyl-d14	65	49-120


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 282898
ANALYTICAL REPORT

ERM	Project : 0363086
1277 Treat Blvd.	Location : Martin Extension
Walnut Creek, CA 94597	Level : II

Sample ID	Lab ID
SB-1-GW	282898-001
SB-3-GW	282898-002
SB-4-GW	282898-003

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 11/09/2016

Dina Ali
Project Manager
dina.ali@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**282898**
Client:	**ERM**
Project:	**0363086**
Location:	**Martin Extension**
Request Date:	**11/01/16**
Samples Received:	**10/13/16**

This data package contains sample and QC results for three water samples, requested for the above referenced project on 11/01/16. The samples were received on ice and intact.

Metals (EPA 6010B, EPA 6020, and EPA 7470A):
No analytical problems were encountered.

Subject: RE: Martin Extension--0363086 - C&T Final Data Package (282148)
From: Shannon Martin <Shannon.Martin@erm.com>
Date: 11/1/2016 3:31 PM
To: "dina.ali@ctberk.com" <dina.ali@ctberk.com>

282898

Hi Dina,

I don't know how I didn't see this until now, but SB-1-GW, SB-3-GW, and SB-4-GW should have also been analyzed for Title 22 metals. It looks like I made a mistake on the COC. Is it still possible to run these samples?

Thanks,

Shannon

From: Dina Ali [mailto:dina.ali@ctberk.com]
Sent: Tuesday, November 01, 2016 3:11 PM
To: Shannon Martin
Subject: Martin Extension--0363086 - C&T Final Data Package (282148)

Hi Shannon,

Please find attached the following files:
- Invoice
- PDF Deliverable
- EQuIS EFWEDD EDD (282148_equis_efwedd_ermw.zip)
- Standard format + MDL EDD (282148_standard-mdl.zip)

Email was also sent to: Doug.Moberg@erm.com, chimi.yi@erm.com, edd@erm.com, john.lucio@erm.com

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CHAIN OF CUSTODY

Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
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2323 Fifth Street
Berkeley, CA 94710

Phone (510) 486-0900
Fax (510) 486-0532

Chain of Custody #

C&T LOGIN # 282147

Project No: 03630886
Project Name: Martin Extension
Project P. O. No:
EDD Format: Report Level ☐ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH ☒ Standard

Sampler: S. Martin
Report To: Chimi Yi / John Lucio
Company: ERM
Telephone: 925-946-0455
Email: chimi.yi@erm.com, john.lucio@erm.com

Lab No.	Sample ID.	SAMPLING		MATRIX			# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST																				
		Date Collected	Time Collected	Water	Solid			HCl	H2SO4	HNO3	NaOH	None	TPH-d, TPH-mo 8015M	VOCs, TPH-g, 8260	SVOCs 8270C	Title 22 Metals	PCBs 8082	Pesticides 8081	HOLD														
	SB-1-1	10/13/16	0811		X		1					X	X	X	X	X	X	X	X													
	SB-1-5		0900		X		1					X	X	X	X	X																
	SB-1-10		0920		X		1					X							X												
	SB-1-11.5		0935		X		1					X							X												
	SB-3-1		1245		X		1					X	X	X	X	X	X	X														
	SB-3-5		1316		X		1					X	X	X	X	X																
	SB-3-7		1345		X		1					X							X												
	SB-3-10		1350		X		1					X							X												
	SB-4-1		1048		X		1					X	X	X	X	X	X	X	[redacted]												
	SB-4-5		1100		X		1					X	X	X	X	X																
	SB-4-8		1111		X		1					X							X												
	SB-4-9.5		1115		X		1					X							X												
	SB-1-GW		1000	X			11	X				X	X	X	X																

Notes:
~~* Metals samples field filtered SM~~
Metals samples NOT field filtered. Please preserve upon receipt!

SAMPLE RECEIPT
☐ Intact
☐ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
DATE: 10/13/16 TIME: 1450
DATE: 10/13/16 TIME: 1753
DATE: TIME:

RECEIVED BY:
DATE: 10/13/16 TIME: 1450
DATE: 10.13.16 TIME: 17.53
DATE: TIME:

* No 8260 on TPH-d/-mo

CHAIN OF CUSTODY

Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
In Business Since 1878

2323 Fifth Street
Berkeley, CA 94710

Phone (510) 486-0900
Fax (510) 486-0532

Chain of Custody # _____

C&T LOGIN # 282148

Project No: 0363086 | Sampler: S. Martin

Project Name: Marina Extension | Report To: Chimi Yi / John Lucio

Project P. O. No: | Company: ERM

EDD Format: | Report Level ☐ II ☐ III ☐ IV | Telephone:

Turnaround Time: ☐ RUSH _____ ☒ Standard | Email:

Lab No.	Sample ID.	SAMPLING		MATRIX			# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST
		Date Collected	Time Collected	Water	Solid			HCl	H2SO4	HNO3	NaOH	None	TPH-d, TPH-mo 8015M
	SB-3-GW	10/13/16	1400	X			11	X				X	X
	SB-4-GW	10/13/16	1130	X			11	X				X	X
	Trip Blank	10/13/16	1030	X			3	X					X

VOCs, TPH-g 8260
SVOCs 8270C
PCBs 8082
Pesticides 8081

Notes:

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COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 282148 Date Received 10/13/16 Number of coolers 2
Client ERM Project Martin Extension

Date Opened 10/13 By (print) DTN (sign) dnguyen
Date Logged in ↓ By (print) ↓ (sign) ↓
Date Labeled ✓ By (print) CB (sign) Chuellmore

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
Shipping info _____

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
How many _____ Name _____ Date _____
2B. Were custody seals intact upon arrival? _____ YES NO (N/A)
3. Were custody papers dry and intact when received? _____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) ___ (YES) NO
6. Indicate the packing in cooler: (if other, describe) _____

☐ Bubble Wrap ☒ Foam blocks ☒ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) 5.8, 5.1

☐ Temperature blank(s) included? ☐ Thermometer# _____ ☒ IR Gun# A

☒ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ (YES) NO
10. Are there any missing / extra samples? _____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
12. Are sample labels present, in good condition and complete? _____ (YES) NO
13. Do the sample labels agree with custody papers? _____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
15. Are the samples appropriately preserved? _____ YES (NO) N/A
16. Did you check preservatives for all bottles for each sample? _____ (YES) NO N/A
17. Did you document your preservative check? (pH strip lot# 80BD#1461) (YES) NO N/A
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? _____ YES (NO) N/A
21. Was the client contacted concerning this sample delivery? _____ YES (NO)
If YES, Who was called? _____ By _____ Date: _____

COMMENTS,
15. Added HNO3 (#140712) to pH <2 on 10/13/16 @ 20:30 for sample 13, 14, 15
20. 3/6 VOAs received w/ bubble >6mm for sample 13 11 16

Curtis & Tompkins, Ltd.

Detections Summary for 282898

Results for any subcontracted analyses are not included in this summary.

Client : ERM
Project : 0363086
Location : Martin Extension

Client Sample ID : SB-1-GW Laboratory Sample ID : 282898-001

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	48		10	2.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Arsenic	32		5.0	1.3	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Barium	660		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Beryllium	4.5		2.0	0.25	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Cadmium	4.5	J	5.0	0.60	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Chromium	1,100		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Cobalt	120		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Copper	99		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Lead	90		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Mercury	1.5		0.20	0.040	ug/L	TOTAL	1.000	EPA 7470A	METHOD
Molybdenum	26		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Nickel	450		5.0	0.60	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Vanadium	810		5.0	0.57	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Zinc	670		20	5.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A

Client Sample ID : SB-3-GW Laboratory Sample ID : 282898-002

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	6.0	J	10	2.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Arsenic	18		5.0	1.3	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Barium	270		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Beryllium	0.76	J	2.0	0.25	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Cadmium	1.4	J	5.0	0.60	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Chromium	160		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Cobalt	32		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Copper	12		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Lead	17		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Mercury	0.072	J	0.20	0.040	ug/L	TOTAL	1.000	EPA 7470A	METHOD
Molybdenum	23		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Nickel	150		5.0	0.60	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Vanadium	210		5.0	0.57	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Zinc	90		20	5.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A

Curtis & Tompkins, Ltd.

Client Sample ID : SB-4-GW Laboratory Sample ID : 282898-003

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Antimony	16		10	2.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Arsenic	37		5.0	1.3	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Barium	440		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Beryllium	1.7	J	2.0	0.25	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Cadmium	3.5	J	5.0	0.60	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Chromium	670		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Cobalt	95		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Copper	24		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Lead	17		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Mercury	0.28		0.20	0.040	ug/L	TOTAL	1.000	EPA 7470A	METHOD
Molybdenum	22		5.0	1.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Nickel	360		5.0	0.60	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Vanadium	520		5.0	0.57	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A
Zinc	330		20	5.0	ug/L	TOTAL	1.000	EPA 6010B	EPA 3010A

J = Estimated value

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282898	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-1-GW	Units:	ug/L
Lab ID:	282898-001	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16

Analyte	Result	RL	MDL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	48	10	2.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Arsenic	32	5.0	1.3	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Barium	660	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Beryllium	4.5	2.0	0.25	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Cadmium	4.5 J	5.0	0.60	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Chromium	1,100	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Cobalt	120	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Copper	99	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Lead	90	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Mercury	1.5	0.20	0.040	1.000	240988	11/04/16	11/04/16	METHOD	EPA 7470A
Molybdenum	26	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Nickel	450	5.0	0.60	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Selenium	ND	10	2.2	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Silver	ND	5.0	1.1	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Thallium	ND	1.0	0.18	10.00	240885	11/02/16	11/08/16	EPA 3010A	EPA 6020
Vanadium	810	5.0	0.57	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Zinc	670	20	5.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282898	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-3-GW	Diln Fac:	1.000
Lab ID:	282898-002	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16
Units:	ug/L		

Analyte	Result	RL	MDL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	6.0 J	10	2.0	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Arsenic	18	5.0	1.3	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Barium	270	5.0	1.0	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Beryllium	0.76 J	2.0	0.25	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Cadmium	1.4 J	5.0	0.60	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Chromium	160	5.0	1.0	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Cobalt	32	5.0	1.0	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Copper	12	5.0	1.0	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Lead	17	5.0	1.0	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Mercury	0.072 J	0.20	0.040	240988	11/04/16	11/04/16	METHOD	EPA 7470A
Molybdenum	23	5.0	1.0	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Nickel	150	5.0	0.60	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Selenium	ND	10	2.2	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Silver	ND	5.0	1.1	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Thallium	ND	10	1.9	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Vanadium	210	5.0	0.57	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Zinc	90	20	5.0	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	282898	Project#:	0363086
Client:	ERM	Location:	Martin Extension
Field ID:	SB-4-GW	Units:	ug/L
Lab ID:	282898-003	Sampled:	10/13/16
Matrix:	Water	Received:	10/13/16

Analyte	Result	RL	MDL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	16	10	2.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Arsenic	37	5.0	1.3	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Barium	440	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Beryllium	1.7 J	2.0	0.25	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Cadmium	3.5 J	5.0	0.60	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Chromium	670	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Cobalt	95	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Copper	24	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Lead	17	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Mercury	0.28	0.20	0.040	1.000	240988	11/04/16	11/04/16	METHOD	EPA 7470A
Molybdenum	22	5.0	1.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Nickel	360	5.0	0.60	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Selenium	ND	10	2.2	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Silver	ND	5.0	1.1	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Thallium	ND	1.0	0.094	10.00	240885	11/02/16	11/04/16	EPA 3010A	EPA 6020
Vanadium	520	5.0	0.57	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B
Zinc	330	20	5.0	1.000	240885	11/02/16	11/03/16	EPA 3010A	EPA 6010B

J= Estimated value
ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282898	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3010A
Project#:	0363086		
Type:	BLANK	Batch#:	240885
Lab ID:	QC858567	Prepared:	11/02/16
Matrix:	Water	Analyzed:	11/03/16
Units:	ug/L		

Analyte	Result	RL	MDL	Diln Fac	Analysis
Antimony	ND	10	2.0	1.000	EPA 6010B
Arsenic	ND	5.0	1.3	1.000	EPA 6010B
Barium	ND	5.0	1.0	1.000	EPA 6010B
Beryllium	ND	2.0	0.25	1.000	EPA 6010B
Cadmium	ND	5.0	0.60	1.000	EPA 6010B
Chromium	ND	5.0	1.0	1.000	EPA 6010B
Cobalt	ND	5.0	1.0	1.000	EPA 6010B
Copper	ND	5.0	1.0	1.000	EPA 6010B
Lead	ND	5.0	1.0	1.000	EPA 6010B
Molybdenum	ND	5.0	1.0	1.000	EPA 6010B
Nickel	ND	5.0	0.60	1.000	EPA 6010B
Selenium	ND	10	2.2	1.000	EPA 6010B
Silver	ND	5.0	1.1	1.000	EPA 6010B
Thallium	ND	10	1.9	1.000	EPA 6010B
Thallium	ND	1.0	0.094	10.00	EPA 6020
Vanadium	ND	5.0	0.57	1.000	EPA 6010B
Zinc	ND	20	5.0	1.000	EPA 6010B

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282898	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3010A
Project#:	0363086		
Matrix:	Water	Prepared:	11/02/16
Units:	ug/L	Analyzed:	11/03/16
Batch#:	240885		

Type: BS Lab ID: QC858568

Analyte	Spiked	Result	%REC	Limits	Diln Fac	Analysis
Antimony	100.0	88.02	88	79-120	1.000	EPA 6010B
Arsenic	100.0	92.63	93	80-120	1.000	EPA 6010B
Barium	100.0	99.22	99	80-120	1.000	EPA 6010B
Beryllium	100.0	104.3	104	80-120	1.000	EPA 6010B
Cadmium	100.0	97.11	97	80-120	1.000	EPA 6010B
Chromium	100.0	104.9	105	80-120	1.000	EPA 6010B
Cobalt	100.0	102.2	102	80-120	1.000	EPA 6010B
Copper	100.0	101.5	102	80-120	1.000	EPA 6010B
Lead	100.0	97.51	98	80-120	1.000	EPA 6010B
Molybdenum	100.0	96.16	96	80-120	1.000	EPA 6010B
Nickel	100.0	100.9	101	80-120	1.000	EPA 6010B
Selenium	100.0	88.20	88	80-120	1.000	EPA 6010B
Silver	100.0	100.5	100	77-120	1.000	EPA 6010B
Thallium	50.00	45.48	91	80-121	1.000	EPA 6010B
Thallium	50.00	49.11	98	80-120	10.00	EPA 6020
Vanadium	100.0	105.3	105	80-120	1.000	EPA 6010B
Zinc	100.0	94.47	94	80-120	1.000	EPA 6010B

Type: BSD Lab ID: QC858569

Analyte	Spiked	Result	%REC	Limits	RPD	Lim	Diln Fac	Analysis
Antimony	100.0	89.22	89	79-120	1	20	1.000	EPA 6010B
Arsenic	100.0	90.44	90	80-120	2	20	1.000	EPA 6010B
Barium	100.0	97.80	98	80-120	1	20	1.000	EPA 6010B
Beryllium	100.0	100.8	101	80-120	3	20	1.000	EPA 6010B
Cadmium	100.0	95.63	96	80-120	2	20	1.000	EPA 6010B
Chromium	100.0	101.5	102	80-120	3	20	1.000	EPA 6010B
Cobalt	100.0	100.1	100	80-120	2	20	1.000	EPA 6010B
Copper	100.0	96.78	97	80-120	5	20	1.000	EPA 6010B
Lead	100.0	96.02	96	80-120	2	20	1.000	EPA 6010B
Molybdenum	100.0	94.81	95	80-120	1	20	1.000	EPA 6010B
Nickel	100.0	97.74	98	80-120	3	20	1.000	EPA 6010B
Selenium	100.0	89.91	90	80-120	2	20	1.000	EPA 6010B
Silver	100.0	97.36	97	77-120	3	20	1.000	EPA 6010B
Thallium	50.00	45.77	92	80-121	1	20	1.000	EPA 6010B
Thallium	50.00	51.09	102	80-120	4	20	10.00	EPA 6020
Vanadium	100.0	102.0	102	80-120	3	20	1.000	EPA 6010B
Zinc	100.0	88.38	88	80-120	7	20	1.000	EPA 6010B

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282898	Location:	Martin Extension
Client:	ERM	Prep:	EPA 3010A
Project#:	0363086	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	240885
MSS Lab ID:	282763-006	Sampled:	10/28/16
Matrix:	Water	Received:	10/28/16
Units:	ug/L	Prepared:	11/02/16
Diln Fac:	1.000		

Type: MS Lab ID: QC858570

Analyte	MSS Result	Spiked	Result	%REC	Limits	Analyzed
Antimony	<2.000	100.0	88.52	89	74-120	11/03/16
Arsenic	<1.290	100.0	92.30	92	80-127	11/03/16
Barium	<1.000	100.0	97.91	98	80-120	11/03/16
Beryllium	<0.2500	100.0	103.1	103	80-120	11/03/16
Cadmium	<0.6000	100.0	95.79	96	80-120	11/03/16
Chromium	<1.000	100.0	103.2	103	80-120	11/03/16
Cobalt	<1.000	100.0	100.2	100	80-120	11/03/16
Copper	<1.000	100.0	98.42	98	80-120	11/03/16
Lead	1.308	100.0	95.86	95	67-120	11/03/16
Molybdenum	<1.000	100.0	94.08	94	80-120	11/03/16
Nickel	<0.6000	100.0	98.54	99	80-120	11/03/16
Selenium	5.511	100.0	99.13	94	73-132	11/04/16
Silver	<1.083	100.0	96.37	96	67-120	11/03/16
Thallium	<1.905	50.00	47.97	96	76-121	11/04/16
Vanadium	<0.5657	100.0	102.6	103	80-120	11/03/16
Zinc	<5.000	100.0	93.04	93	80-122	11/03/16

Type: MSD Lab ID: QC858571

Analyte	Spiked	Result	%REC	Limits	RPD	Lim	Analyzed
Antimony	100.0	87.55	88	74-120	1	24	11/03/16
Arsenic	100.0	91.50	91	80-127	1	25	11/03/16
Barium	100.0	98.92	99	80-120	1	20	11/03/16
Beryllium	100.0	103.6	104	80-120	0	20	11/03/16
Cadmium	100.0	96.66	97	80-120	1	20	11/03/16
Chromium	100.0	103.9	104	80-120	1	20	11/03/16
Cobalt	100.0	101.5	101	80-120	1	20	11/03/16
Copper	100.0	99.73	100	80-120	1	20	11/03/16
Lead	100.0	96.71	95	67-120	1	23	11/03/16
Molybdenum	100.0	96.26	96	80-120	2	20	11/03/16
Nickel	100.0	100.1	100	80-120	2	20	11/03/16
Selenium	100.0	88.62	83	73-132	11	30	11/04/16
Silver	100.0	99.17	99	67-120	3	22	11/03/16
Thallium	50.00	53.54	107	76-121	11	20	11/04/16
Vanadium	100.0	104.5	104	80-120	2	20	11/03/16
Zinc	100.0	92.76	93	80-122	0	20	11/03/16

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282898	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	240988
Lab ID:	QC858987	Prepared:	11/04/16
Matrix:	Water	Analyzed:	11/04/16
Units:	ug/L		

Result	RL	MDL
ND	0.20	0.040

ND= Not Detected at or above MDL
RL= Reporting Limit
MDL= Method Detection Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282898	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	240988
Matrix:	Water	Prepared:	11/04/16
Units:	ug/L	Analyzed:	11/04/16
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC858988	2.500	2.495	100	80-120		
BSD	QC858989	2.500	2.487	99	80-120	0	24

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	282898	Location:	Martin Extension
Client:	ERM	Prep:	METHOD
Project#:	0363086	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	240988
Field ID:	ZZZZZZZZZZ	Sampled:	10/31/16
MSS Lab ID:	282879-029	Received:	10/31/16
Matrix:	Water	Prepared:	11/04/16
Units:	ug/L	Analyzed:	11/04/16
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC858990	<0.04000	2.500	2.611	104	60-130		
MSD	QC858991		2.500	2.575	103	60-130	1	34

RPD= Relative Percent Difference

APPENDIX D.16-1

Design Guidelines for Electrical Facilities

EMF Design Guidelines for Electrical Facilities

1 California EMF Policy

1.1 Historical Background of California EMF Policy

In 1993, the California Public Utilities Commission (CPUC) issued Decision 93-11-013, establishing EMF policy for California's regulated electric utilities.

The Decision acknowledged that scientific research had not demonstrated that exposures to EMF cause health hazards and that it was inappropriate to set numeric standards that would limit exposure. In recognizing the scientific uncertainty, the CPUC addressed public concern over EMF by establishing a no-cost and low-cost EMF reduction policy that utilities would follow for proposed electrical facilities.

In workshops ordered by the CPUC, the utilities developed the initial EMF Design Guidelines based upon the no-cost and low-cost EMF policy. Fundamental elements of the policy and the Design Guidelines included the following:

A) No-cost and low-cost magnetic field reduction measures would be considered on new and upgraded projects.

B) Low-cost measures, in aggregate, would:

   a. Cost in the range of 4% of the total project cost.

   b. Achieve a noticeable magnetic field reduction.

   The CPUC stated,

   > "We direct the utilities to use 4 percent as a benchmark in developing their EMF mitigation guidelines. We will not establish 4 percent as an absolute cap at this time because we do not want to arbitrarily eliminate a potential measure that might be available but costs more than the 4 percent figure. Conversely, the utilities are encouraged to use effective measures that cost less than 4 percent."[1]

C) For distribution facilities, utilities would apply no-cost and low-cost measures by integrating reduction measures into construction and design standards, rather than evaluating no-cost and low-cost measures for each project.

1.2 Current California EMF Policy

In 2006, the CPUC updated its EMF Policy in Decision 06-01-042. The decision re-affirmed that health hazards from exposures to EMF have not been established and that state and federal public health regulatory agencies have determined that setting numeric exposure limits is not appropriate. The CPUC also re-affirmed that the existing no-cost and low-cost precautionary-

[1] CPUC Decision 93-11-013, Section 3.3.2, p.10

based EMF policy should be continued. In the decision, the CPUC required the utilities to update their EMF Design Guidelines to reflect the following key elements of the updated EMF Policy:

A) "The Commission [CPUC] has exclusive jurisdiction over issues related to EMF exposure from regulated utility facilities."[2]

B) "…while we continue our current policy of low-cost and no cost EMF mitigation, as defined by a 4% benchmark of total project cost, we would consider minor increases above the 4% benchmark if justified under unique circumstances, but not as a routine application in utility design guidelines. We add the additional distinction that any EMF mitigation cost increases above the 4% benchmark should result in significant EMF mitigation to be justified, and the total costs should be relatively low."[3]

C) For low cost mitigation, the "EMF reductions will be 15% or greater at the utility ROW [right-of-way]…"[4]

D) "Parties generally agree on the following group prioritization for land use categories in determining how mitigation costs will be applied:

1. Schools and licensed day care[5]
2. Residential
3. Commercial/industrial
4. Recreational
5. Agricultural
6. Undeveloped land"

E) "Low-cost EMF mitigation is not necessary in agricultural and undeveloped land except for permanently occupied residences, schools or hospitals located on these lands."[6]

F) "Although equal mitigation for an entire class is a desirable goal, we will not limit the spending of EMF mitigation to zero on the basis that not all class members can benefit."[7]

G) "…. We [CPUC] do not request that utilities include non-routine mitigation measures, or other mitigation measures that are based on numeric values of EMF exposure, in revised design guidelines…"[8]

[2] CPUC Decision 06-01-042, p. 21
[3] Ibid., p. 7
[4] Ibid., p. 10
[5] "As an additional fixed location of young children, we will add hospitals to this category." Ibid., p. 7
[6] Ibid., p. 20
[7] Ibid., p. 10
[8] Ibid., p. 17

The CPUC also clarified utilities' roles on EMF during the CPCN (Certificate of Public Convenience and Necessity) and PTC (Permit to Construct). The CPUC stated,

> "EMF concerns in future CPCN [Certificate of Public Convenience and Necessity] and PTC [Permit to Construct] proceedings for electric transmission and substation facilities should be limited to the utility's compliance with the Commission's [CPUC] low-cost and no-cost policies."[9]

Furthermore, the CPUC directed "the Commission's Energy Division to monitor and report on new EMF related scientific data as it becomes available."[10] These EMF Design Guidelines, therefore, will be revised as more information or direction from the CPUC becomes available.

1.2.1 Standardized EMF Design Guidelines

Decision 06-01-042 directed the utilities to hold a workshop to develop standard approaches for their EMF Design Guidelines. This workshop was held in spring of 2006, and this document represents the standardized design guidelines produced as a result of that workshop. The guidelines describe the routine magnetic field reduction measures that all regulated California electric utilities will consider for new and upgraded transmission line and transmission substation projects.

These guidelines are not applied to changes made in connection with routine maintenance, emergency repairs, or minor changes to existing facilities. See §3.4 for a list of exemptions.

1.2.2 Standardized Table of Magnetic Field Reduction Measures

As directed by Decision 06-01-042, these guidelines include a standardized table that utilities will use to summarize "the estimated costs and reasons for adoption or rejection"[11] of reduction measures considered for any particular project. Table 1-1 shows the information to be displayed in the standardized table. Utilities may choose to add columns for additional information as necessary for any particular project. Typical format is shown below.

Table 1-1 Low-Cost Reduction Measures Adopted or Rejected

Project Segment	Location (Street, Area)	Adjacent Land Use	Reduction Measure Considered	Measure Adopted? (Yes/No)	Reason(s) if not adopted	Estimated Cost to Adopt
		Per §1.2-D	Per § 2			

[9] Ibid., p. 21
[10] Ibid., p. 16
[11] Ibid., p. 13.

1.2.3 Additional Considerations Used in the Design Guidelines

These additional elements of policy resulting from Decisions 93-11-013 and 06-01-042 are fundamental to application of the guidelines:

- Any proposed changes in guidelines should be consistent with the EMF policy established in this decision [D.06-01-042] and in D.93-11-013.[12]
- The guidelines "should not compromise safety, reliability, or the requirements of [CPUC] General Orders (GO) 95 and 128."[13]
- Without exception, design and construction of electric power system facilities must comply with all applicable federal and state regulations, applicable safety codes, and each electric utility's construction standards.
- Non-routine field reduction measures are not necessary except in unique circumstances, and are not included in the guidelines.
- The guidelines do not include reduction measures "that are based on numeric values of EMF exposure."[14]
- Modeling is done for magnetic fields only.
- Modeling of magnetic fields is for comparison of reduction techniques, and "does not measure actual environmental magnetic fields."[15]
- "[P]ost-construction measurement of EMF in the field cannot indicate the effectiveness of mitigation measures"[16] and is not required.
- "The appropriate location for measuring EMF mitigation is the utility ROW as this is the location at which utilities may maintain access control."[17]
- Reduction measures are not applicable to reconfigurations or relocations of up to 2,000 feet, the distance under which certain exemptions apply under GO 131-D.[18]
- "Utility design guidelines should consider EMF mitigation at the time the FMP [(Magnetic) Field Management Plan] is prepared…" The CPUC does "not require utility design guidelines to include low-cost EMF mitigation for undeveloped land."[19]
- Distribution facilities are not considered in magnetic field modeling or in FMPs for transmission line or substation projects rated 50 kV and above.

[12] Ibid., p. 20.
[13] Ibid., p. 21.
[14] Ibid., p. 17.
[15] Ibid., p. 11.
[16] Ibid., p. 11.
[17] Ibid., p. 20.
[18] The CPUC's General Order 131-D establishes rules and specifications for permitting and construction of electric generation, transmission and distribution facilities and substations located in California.

[19] Ibid., p. 9.

2 Methods for Reducing Magnetic Fields

The following magnetic field reduction methods may be considered for new and upgraded electrical facilities:

A) Increasing the distance from electrical facilities by:

   a. Increasing structure height or trench depth.

   b. Locating power lines closer to the centerline of the corridor.

B) Reducing conductor (phase) spacing.

C) Phasing circuits to reduce magnetic fields.

2.1 Increasing the Distance from Electrical Facilities

Reducing magnetic field strength by increasing the distance from the source can be accomplished either by increasing the height or depth of the conductor from ground level. Furthermore, locating the power lines as far away from the edge of the right-of-way or as close to centerline as possible will result in lower field levels at the edge of the right-of-way. For substations, placing major electrical equipment, such as switch-racks and power transformers, near the center of the substation can reduce the magnetic field levels at the property line.

2.2 Reducing Conductor (Phase) Spacing

The magnetic field produced by overhead and underground power lines is approximately inversely proportional to the distance between the phase conductors. Thus, reducing the spacing between conductors by 50 percent generally reduces the magnetic field at ground level by approximately 50 percent. The minimum distance between overhead conductors for power lines built in California is established by CPUC General Order (GO) 95. Utilities may establish minimum clearances greater than those allowed in GO 95 if required for safe working conditions or to prevent flash over. In most cases, insulation levels will be established based on lightning, switching surge, or insulator contamination considerations.

Because underground conductors are insulated, they may be placed within inches of each other. This means that there generally can be greater magnetic field cancellation in an underground circuit than an overhead circuit. Therefore, the magnetic field levels from an underground circuit will generally be lower than a comparably loaded overhead circuit at most locations other than directly above the underground line, where the cancellation effect of the underground conductors is offset by their proximity to the surface. In contrast, overhead conductors will be much farther away and will generally create a lower magnetic field directly under the line than a comparably loaded underground circuit.

2.3 Phasing Circuits to Reduce Magnetic Fields

When two or more circuits share a pole or tower, the resultant magnetic field will be the vector sum of the individual conductor fields on the structure. By using proper phasing techniques, the field from one circuit can reduce the field from another circuit, thereby reducing the level of magnetic field at ground level.

3 The Field Management Plan Process

3.1 The Field Management Plan

The Field Management Plan (FMP) documents the consideration of no-cost and low-cost magnetic field reduction measures for new or significantly reconstructed transmission lines and substations rated 50 kV and above (refer to § 3.4 for exceptions).

FMPs will be prepared for relevant transmission projects and will be retained with the work order. For any project requiring a permit under GO 131-D, the FMP will be incorporated as a part of the GO 131-D filing.

Utilities have incorporated magnetic field reduction measures into their distribution construction and design standards. Therefore, FMPs are not prepared for any distribution projects.

Basic elements of the FMP include a project description, an evaluation of no-cost and low-cost magnetic field reduction measures, and specific recommendations regarding magnetic field reduction measures to be incorporated into the transmission line and substation design (see §§ 4 and 5 of these guidelines for additional information concerning the contents of transmission line and substation FMPs).

3.2 Types of FMP

There are two types of FMP for transmission line projects, a "Basic FMP" and a "Detailed FMP," and a "Checklist FMP" for substation projects.

For transmission line projects with limited work scope, as described in Table 3-1 below, a Basic FMP is sufficient to document no-cost and low-cost magnetic field reduction measures. The Basic FMP consists of a transmission line project description, applicable no-cost and low-cost magnetic field reduction measures without magnetic field model(s), and recommendations.

The Detailed FMP consists of a transmission line project description, evaluation of no-cost and low-cost magnetic field reduction measures, magnetic field models, and recommendations (refer to § 3.3 to determine what types of transmission line projects require a Detailed FMP).

For substation projects, a checklist FMP, showing an evaluation of magnetic field reduction measures adopted or rejected, will be used. An example of the Checklist FMP is shown on Table 5-1.

3.3 Determining If an FMP is Required, and If so, What Type

The CPUC in Decision 93-11-013 (§ 3.4.2, p. 15) states, "Utility management should have reasonable latitude to deviate and modify their guidelines as conditions warrant and as new magnetic fields information is received." Table 3-1 provides criteria to determine if the project requires a Detailed FMP, a Basic FMP, a Checklist FMP, or no FMP.

Table 3-1 Criteria to Determine Whether an FMP is Required		
FMP Type Required	**Type of Work**	**FMP Criteria**
Transmission Line (rated 50 kV and above)		
Detailed FMP Note: A Detailed FMP will be used for transmission line projects requiring permitting under GO 131-D.	**New Transmission Line**: The construction of a new transmission line, if the construction requires permitting under GO 131-D. **Major Upgrade**: Major upgrade (including replacement of a significant number of existing structures) on an existing transmission line, if the upgrade requires permitting under GO 131-D.	The construction of a new transmission line will incorporate no-cost and low-cost magnetic field reduction measures. Magnetic field model is required. All major upgrades of existing transmission lines will require no-cost and low-cost magnetic field reduction measures unless otherwise exempted under § 3.4. If permitting under GO 131-D is not required, a Basic FMP may be used, and magnetic field modeling is not required.
Basic FMP Note: A Basic FMP will be used unless the transmission line project requires permitting under GO 131-D.	**Rule 20 Conversions**: Direct replacement of overhead transmission lines with underground transmission lines under Rule 20. **Relocation more than 2000 ft**: Relocation of poles and/or towers involving more than 2000 feet of transmission line. **Pole-head Reconfiguration more than 2000 ft**: Pole-head reconfiguration involving more than 2000 feet of transmission line. The complete replacement of an existing pole-head configuration with a new design.	The transmission line route generally is pre-established for Rule 20 conversions. Phase spacing and depth are set by utility construction standards. Thus, phase arrangement is the only magnetic field reduction measure available to the designer. Therefore, the Basic FMP will be restricted to an evaluation of phase arrangement. Magnetic field modeling is not required. Relocation of existing transmission lines generally does not provide for alternative transmission line routes. Available options are typically limited to minor changes in pole and/or tower height, minor changes in pole-head[20] configuration, or phase arrangement. The Basic FMP will normally cover these options only. Magnetic field modeling is not required. Pole-head replacement is limited in scope; thus, field management options are generally restricted to selecting the pole-head configuration and phase arrangement. In most cases, the new pole-head configuration must be consistent with the remainder of the line. The Basic FMP will be limited to an

[20] It can also be referred to as "pole-top"

Table 3-1 Criteria to Determine Whether an FMP is Required		
FMP Type Required	**Type of Work**	**FMP Criteria**
Basic FMP Note: A Basic FMP will be used unless the transmission line project requires permitting under GO 131-D		assessment of alternative pole-head configurations and will not require magnetic field modeling.
	Reconductoring more than 2000 ft.: Replacement only of existing conductors and/or insulators with new conductors and/or insulators.	In most cases, replacement of existing transmission conductors is limited in scope; therefore, the Basic FMP will be limited to an assessment of phase arrangement for reconductor activity involving more than 2000 transmission circuit feet. Magnetic field modeling is not required.
None (see exemptions § 3.4)	**Relocation less than 2000 ft**: Relocation of poles and/or towers involving less than 2000 feet of transmission line(s).	Minor relocation of facilities is limited in scope and does not provide significant opportunity to implement magnetic field reduction measures.
	Reconductoring less than 2000 ft.: Replacement only of existing conductors and/or insulators with new conductors and/or insulators.	Replacement of existing transmission line conductors is limited in scope and does not provide significant opportunity to implement magnetic field reduction measures.
	Pole-head Re-Configuration less than 2000 ft.: Pole-head reconfiguration involving 2000 feet or less of a transmission line(s) will not require a FMP.	Pole-head reconfiguration involving 2000 feet or less of a transmission line(s) will not require a FMP.
	Maintenance: All maintenance work that does not materially change the design or overall capacity of the transmission line, including the one-for-one replacement of hardware, equipment, poles or towers. **Safety and Protective Devices:** The addition of current transformers, potential transformers, switches, power factor correction, fuses, etc. to existing overhead, pad-mount, or underground circuits.	Maintenance work is limited in scope and does not provide significant opportunity to implement magnetic field reduction measures. The addition of protective equipment or power factor correction to existing transmission circuits is limited in scope and does not provide significant opportunity to implement magnetic field reduction measures.
	Emergency Repairs: All emergency work required to restore service or prevent danger to life and property.	This work is performed on existing facilities under emergency conditions and does not involve redesign.

Table 3-1 Criteria to Determine Whether an FMP is Required		
FMP Type Required	**Type of Work**	**FMP Criteria**
Substation (Rated 50 kV and above)		
Checklist FMP	**New Substations:** The construction of a new substation having a rated high side voltage of 50kV or above.	The construction of a new substation will incorporate no-cost and low-cost magnetic field reduction measures as outlined in §5. A no-cost and low-cost checklist[21] will be used as a part of the FMP.
	Major Upgrade with GO 131-D: Major reconstruction of an existing substation that involves the installation of additional transformers to achieve an increased rated capacity and that requires permitting under GO 131-D.	All major upgrade of existing substations will require evaluations of no-cost and low-cost magnetic field reduction measures as outlined in §5, unless otherwise exempted under § 3.4. A no-cost and low-cost check list may be used.
	Major Upgrade without GO 131-D: Major upgrade of an existing substation that involves the installation of additional transformers to achieve an increased rated capacity and that does not require permitting under GO 131-D.	Major substation upgrade projects involving the addition of new transformers but not requiring GO 131-D permitting may use a no-cost and low-cost check list only. The 'no-cost and low-cost' will be limited to an evaluation of magnetic field reduction measures applicable to the transmission get-away[22] and to the location of the new transformers so as to maximize the distance from the transformers to the substation fence.

[21] See Section 5 for more information about no-cost and low-cost check lists for substation projects.
[22] This can be a part of Transmission FMP.

Table 3-1 Criteria to Determine Whether an FMP is Required		
FMP Type Required	**Type of Work**	**FMP Criteria**
None (see exemptions § 3.4)	**Reconstruction without installation of additional transformers**: This includes, for example, the installation of additional switchgear, line or bank positions, power factor correction capacitors, underground circuits and overhead circuits.	The addition of switchgear or other apparatus is limited in scope and does not provide significant opportunity to implement magnetic field reduction measures.
	Direct Replacement: The direct replacement of substation equipment, even if the new equipment has a different capacity rating.	The direct replacement of substation equipment is limited in scope and does not provide significant opportunity to implement magnetic field reduction measures.
	Maintenance: All maintenance work that does not materially change the design of the substation.	Maintenance work is limited in scope and does not provide significant opportunity to implement magnetic field reduction measures.
	Emergency Repairs: All emergency work required to restore service or prevent danger to life and property.	This work is performed on existing facilities under emergency conditions and does not involve redesign.
Distribution Project (Rated less than 50 kV)		
None	Construction or reconstruction of distribution lines with voltages less than 50 kV.	Each electric utility's distribution construction and design standards incorporates magnetic field reduction measures for distribution lines.

3.4 Projects Exempt from the FMP Requirement

The CPUC, in Decision 93-11-013, recognized that some flexibility was required in the EMF Design Guidelines. In section 3.4.2 of the Decision, the CPUC stated: "Electric utility management should have flexibility to modify the guidelines and to incorporate additional concepts and criteria as new EMF information becomes available. However, if the EMF Design Guidelines are to be truly used as guidelines, the utilities should incorporate criteria which justify exempting specific types of projects from the guidelines."

The following criteria to determine those transmission and substation projects exempted from the requirement for consideration of no-cost and low-cost magnetic field reduction measures:

1. Emergency
   - All work required to restore service or remove an unsafe condition.
2. Operation & Maintenance
   - Washing and switching operations.
   - Replacing cross-arms, insulators, or line hardware.
   - Replacing deteriorated poles.
   - Maintaining underground cable and vaults.
   - Replacing line and substation equipment with equipment serving the same purpose and with similar ratings.
   - Repairing line and substation equipment.
3. Relocations
   - Line relocation of up to 2000 feet.
   - Installation of guy poles or trenching poles only.
4. Minor Improvements
   - Addition of safety devices.
   - Reconductoring up to 2000 feet, where changing pole-head configuration is not required.
   - Installation of overhead switches.
   - Insulator replacement.
   - Modification of protective equipment and monitoring equipment.
   - Intersetting of additional structures between existing support structures.
5. Projects located exclusively adjacent to undeveloped land—including land under the jurisdiction of the National Park Service, the State Department of Parks and Recreation, U.S. Forest Service, or Bureau of Land Management (BLM).

3.5 Prioritizing Within and Between Land Use Classes

The CPUC stated in Decision 06-01-042, "[a]lthough equal mitigation for an entire class is a desirable goal, we will not limit the spending of EMF mitigation to zero on the basis that not all class members can benefit."[23]

While Decision 06-01-042 directs the utilities to favor schools, day-care facilities and hospitals over residential areas when applying low-cost magnetic field reduction measures, prioritization within a class can be difficult on a project case-by-case basis because schools, day-care facilities, and hospitals are often integrated into residential areas, and many licensed day-care facilities are housed in private homes that can be easily moved from one location to another. Therefore, utilities may group public schools, licensed day-care centers, hospitals, and residential together to receive highest prioritization for low-cost magnetic field reduction measures. Commercial and industrial areas may be grouped as a second priority group, followed by recreational and agricultural areas as the third group. Low-cost magnetic field reduction measures will not be considered for undeveloped land such as open space, state and national parks, Bureau of Land Management and National Forest Service Land.

When spending for low-cost measures would otherwise disallow equitable magnetic field reduction for all areas within a single land-use class, prioritization can be achieved by considering location and/or density of permanently occupied structures on lands adjacent to the projects, as appropriate.

[23] Ibid., p. 10

4 Field Management Plans for Transmission Lines

Construction of a new transmission line or the major upgrade of an existing transmission line, if they require GO-131D permitting, or the relocation of 2000 feet or more of an existing transmission line will require the preparation of a FMP; refer to § 3.3 to determine if a Detailed FMP (or Basic FMP) is needed; refer to § 3.4 for exemption criteria.

Transmission FMPs should include the following sections:

- Project Description;
- Evaluation of No-Cost Magnetic Field Reduction Measures;
- Evaluation of Low-Cost Magnetic Field Reduction Measures; and
- Recommendations including a table showing magnetic field reduction measures.

In addition to these requirements, a two-dimensional (2D) magnetic field model is required for a Detailed FMP.

4.1 Project Description

The project description portion of the transmission line FMP will include the following:

- For a Detailed FMP, the proposed line route should be shown on an attached project map illustrating the transmission line route, alternative line route (if applicable), and major streets and highways. A Basic FMP should briefly describe the scope of work including the line route;
- Description of land use adjacent to the line route for both Basic and Detailed FMPs;
- Circuit name and rated voltage, and circuit phasing if more than one circuit is present in the same corridor for both Basic and Detailed FMPs (rated 50 kV and above);
- Description of proposed design. For a Detailed FMP, include circuit configuration, and minimum ground clearance for overhead design. For a Basic FMP, include circuit configuration. For underground facilities (for both Detailed FMP or Basic FMP), show the depth and configuration of duct bank;
- Include estimated total project costs for proposed design.(for a Detailed FMP).

4.2 Two-Dimensional Magnetic Field Modeling for Transmission Line

The purpose of magnetic field modeling is to evaluate relative effectiveness of various magnetic field reduction measures, not to predict magnetic field levels, as the CPUC recognized in Decision 06-01-042:

> "Utility modeling methodology is intended to compare differences between alternative EMF mitigation measures and not determine actual EMF amounts."[24]

[24] Ibid., p. 20

> "… the modeling indicates relative differences in magnetic field reductions between different transmission line construction methods, but does not measure actual environmental magnetic fields. In the same way, these relative differences in mitigation measures will be evident regardless of whether a maximum peak or a projected peak is used for the comparisons… It is also true that post construction measurement of EMF in the field cannot indicate the effectiveness of mitigation measures used as it would be extremely difficult to eliminate all other EMF sources."[25]

Two-dimensional magnetic field software can be used to evaluate the magnetic field characteristics of the proposed construction and various magnetic field reduction alternatives. Estimates of magnetic field levels are calculated based on a specific set of conditions. Therefore, it is important to make logical assumptions as to what these conditions will be and to keep these calculation conditions consistent when comparing two or more different cases.

Typical two-dimensional magnetic field modeling assumptions include:

- The line will be considered operating at forecasted design load;
- Magnetic field strength is calculated at a height of three feet above ground (assuming flat terrain);
- Resultant magnetic fields are being used;
- All line loadings are considered as balanced (i.e. neutral or ground currents are not considered);
- The line is considered working under normal operating conditions (emergency conditions are not modeled);
- Terrain is flat;
- Dominant power flow directions are being used; and
- Contribution of shield wire currents is not included.

[25] Ibid., p. 11

5 Field Management Plan for Substations

Construction of a new substation rated 50 kV and above or the major upgrade of an existing substation rated 50 kV and above will require the preparation of a substation FMP in a form of a check list (see example in Table 5-1). Magnetic field modeling for the substation project is not required.

A major upgrade for purposes of these Guidelines means the expansion of an existing substation through the addition of transformer bank(s) or new transmission line(s). "One-for-one" replacement of substation transformers, circuit breakers, or other apparatus does not constitute an major upgrade for purposes of these Guidelines, even if that replacement results in an increase in rated capacity. The addition of instrumentation, control, or protection equipment does not constitute a major upgrade. Refer to § 3.3 to determine if a substation FMP is needed, and to § 3.4 for exemption criteria.

Generally, magnetic field values along the substation perimeter are low compared to the substation interior because of the distance to the energized equipment. Normally, the highest values of magnetic fields around the perimeter of a substation are caused by overhead power lines and underground duct banks entering and leaving the substation, and not by substation equipment. Therefore, the magnetic field reduction measures generally applicable to a substation project are as follows:

- Site selection for a new substation;
- Setback of substation structures and major substation equipment (such as bus, transformers, and underground cable duct banks, etc.) from perimeter;
- Lines entering and exiting the substation (this will be a part of a transmission line FMP).

The Substation Checklist FMP evaluates the no-cost and low-cost measures considered for the substation project, the measures adopted, and reasons that certain measures were not adopted. An example Substation check list is shown below:

Table 5-1 Example of Substation Checklist for a FMP

No.	No-Cost and Low-Cost Magnetic Field Reduction Measures Evaluated for a Substation Project	Measures Adopted? (Yes/No)	Reason(s) if not Adopted
1	Keep high-current devices, transformers, capacitors, and reactors away from the substation property lines.	☐	
2	For underground duct banks, the minimum distance should be 12 feet from the adjacent property lines or as close to 12 feet as practical.	☐	
3	Locate new substations close to existing power lines to the extent practical.	☐	
4	Increase the substation property boundary to the extent practical.	☐	
5	Other:	☐	

6 California Department of Education's (CDE) Criteria for Siting New Schools Adjacent to Electric Power Lines Rated 50 kV and Above

The California Department of Education evaluates potential school sites under a range of criteria, including environmental and safety issues. Proximity to high-voltage power transmission lines[26] is one of the criteria. As the CPUC directed in Decision 06-01-042, the California investor-owned utilities worked with the CDE to align EMF Design Guidelines with the CDE's policies to the extent those policies were consistent with the CPUC's EMF Policy as stated in its Decision 06-01-042. As a result, the updated power line setback exemption guidelines were issued in May 2006. In revising its precautionary EMF approach, the CDE stated:

> "The proposed guidance acknowledges the scientific uncertainty of the health effects of EMFs, the lack of any state or nationally established standard for EMF exposure, and the PUC's recently reconfirmed reliance upon no/low-cost measures targeted to only reduce fields from new power transmission lines." [27]

CDE has established the following "setback" limits for locating any part of a school site property line near the edge of easements for any overhead power lines rated 50 kV and above:

- 100 Feet for 50 – 133 kV Power Lines (interpreted by CDE up to 200 kV)
- 150 Feet for 220 – 230 kV Power Lines
- 350 Feet for 500 – 550 kV Power Lines

For underground power lines rated 50 kV and above, the CDE's setback distances are as follows:

- 25 feet for 50-133 kV line (interpreted by CDE up to 200 kV)
- 37.5 feet for 220-230 kV line
- 87.5 feet for 500-550 kV line

School districts that have sites which do not meet the CDE's setbacks may still obtain construction approval from the state by submitting an exemption application. Generally, school districts hire independent consultants who are familiar with the process to complete CDE's application requirements.

[26] *School Site Selection and Approval Guide*, California Department of Education
[27] "Power Line Setback Exemption Guidance - May 2006" by the California Department of Education

PG&E Gas and Electric Advice
Filing List
General Order 96-A, Section III(G)

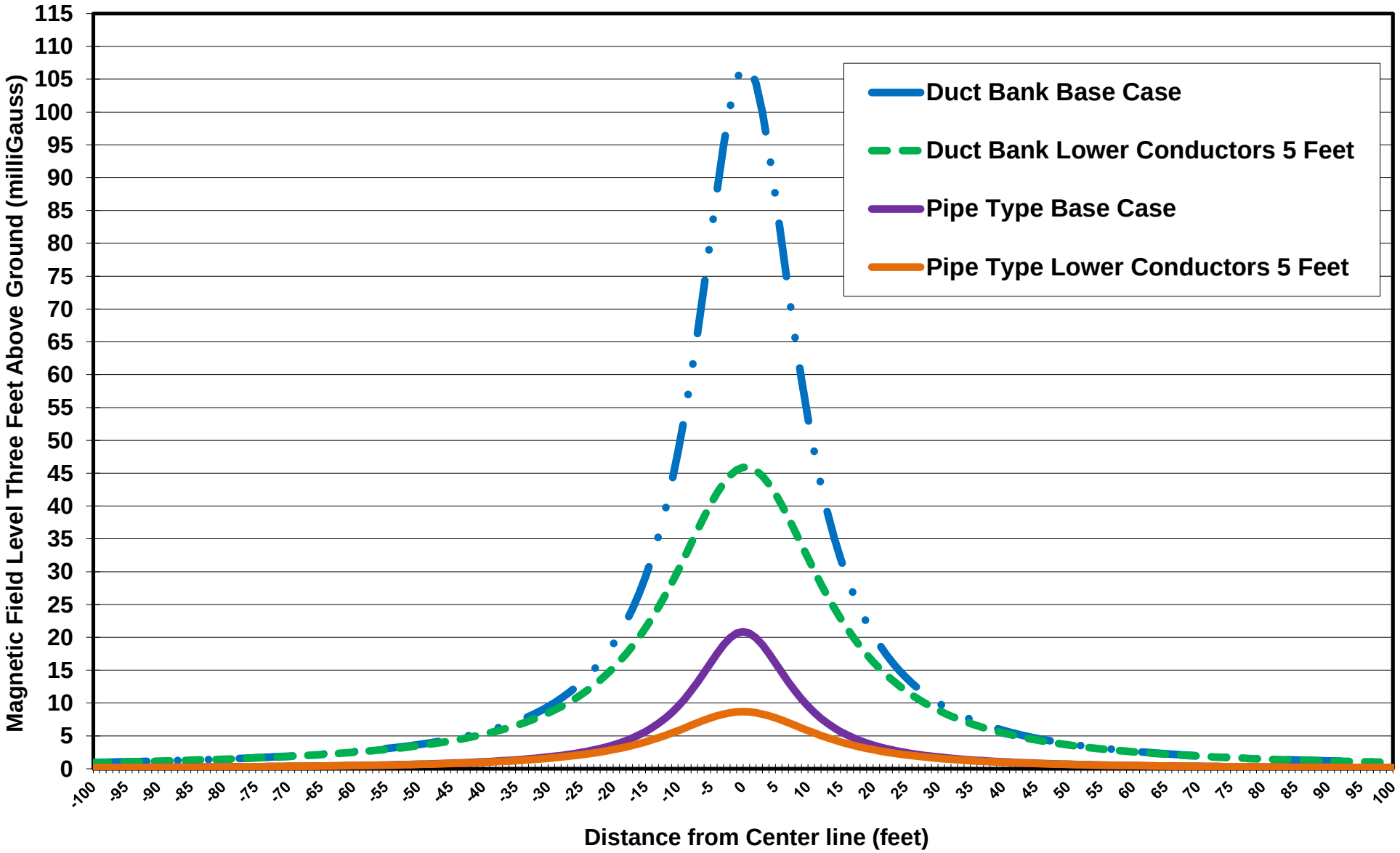
ABAG Power Pool
Accent Energy
Aglet Consumer Alliance
Agnews Developmental Center
Ahmed, Ali
Alcantar & Elsesser
Ancillary Services Coalition
Anderson Donovan & Poole P.C.
Applied Power Technologies
APS Energy Services Co Inc
Arter & Hadden LLP
Avista Corp
Barkovich & Yap, Inc.
BART
Bartle Wells Associates
Blue Ridge Gas
Bohannon Development Co
BP Energy Company
Braun & Associates
C & H Sugar Co.
CA Bldg Industry Association
CA Cotton Ginners & Growers Assoc.
CA League of Food Processors
CA Water Service Group
California Energy Commission
California Farm Bureau Federation
California Gas Acquisition Svcs
California ISO
Calpine
Calpine Corp
Calpine Gilroy Cogen
Cambridge Energy Research Assoc
Cameron McKenna
Cardinal Cogen
Cellnet Data Systems
Chevron Texaco
Chevron USA Production Co.
Childress, David A.
City of Glendale
City of Healdsburg
City of Palo Alto
City of Redding
CLECA Law Office
Commerce Energy
Constellation New Energy
CPUC
Cross Border Inc
Crossborder Inc
CSC Energy Services
Davis, Wright, Tremaine LLP
Defense Fuel Support Center
Department of the Army
Department of Water & Power City
DGS Natural Gas Services
Douglass & Liddell
Downey, Brand, Seymour & Rohwer
Duke Energy
Duke Energy North America
Duncan, Virgil E.
Dutcher, John
Dynegy Inc.
Ellison Schneider
Energy Law Group LLP
Energy Management Services, LLC
Exelon Energy Ohio, Inc
Exeter Associates
Foster Farms
Foster, Wheeler, Martinez
Franciscan Mobilehome
Future Resources Associates, Inc
G. A. Krause & Assoc
Gas Transmission Northwest Corporation
GLJ Energy Publications
Goodin, MacBride, Squeri, Schlotz &
Hanna & Morton
Heeg, Peggy A.
Hitachi Global Storage Technologies
Hogan Manufacturing, Inc
House, Lon
Imperial Irrigation District
Integrated Utility Consulting Group
International Power Technology
Interstate Gas Services, Inc.
IUCG/Sunshine Design LLC
J. R. Wood, Inc
JTM, Inc
Luce, Forward, Hamilton & Scripps
Manatt, Phelps & Phillips
Marcus, David
Matthew V. Brady & Associates
Maynor, Donald H.
McKenzie & Assoc
McKenzie & Associates
Meek, Daniel W.
Mirant California, LLC
Modesto Irrigation Dist
Morrison & Foerster
Morse Richard Weisenmiller & Assoc.
Navigant Consulting
New United Motor Mfg, Inc
Norris & Wong Associates
North Coast Solar Resources
Northern California Power Agency
Office of Energy Assessments
OnGrid Solar
Palo Alto Muni Utilities
PG&E National Energy Group
Pinnacle CNG Company
PITCO
Plurimi, Inc.
PPL EnergyPlus, LLC
Praxair, Inc.
Price, Roy
Product Development Dept
R. M. Hairston & Company
R. W. Beck & Associates
Recon Research
Regional Cogeneration Service
RMC Lonestar
Sacramento Municipal Utility District
SCD Energy Solutions
Seattle City Light
Sempra
Sempra Energy
Sequoia Union HS Dist
SESCO
Sierra Pacific Power Company
Silicon Valley Power
Smurfit Stone Container Corp
Southern California Edison
SPURR
St. Paul Assoc
Stanford University
Sutherland, Asbill & Brennan
Tabors Caramanis & Associates
Tecogen, Inc
TFS Energy
Transcanada
Turlock Irrigation District
U S Borax, Inc
United Cogen Inc.
URM Groups
Utility Cost Management LLC
Utility Resource Network
Wellhead Electric Company
Western Hub Properties, LLC
White & Case
WMA

APPENDIX D.16-2

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN

Graph 1

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Underground Transmission Line



PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Duct Bank Underground Transmission Line

Spreadsheet 1

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	**Duct Bank Base Case**	**Duct Bank Lower Conductors 5 Feet**	**Percent Reduction**
-100	0.9	0.9	1.2%
-99	1.0	1.0	1.1%
-98	1.0	1.0	1.2%
-97	1.0	1.0	1.2%
-96	1.0	1.0	1.3%
-95	1.0	1.0	1.2%
-94	1.1	1.1	1.3%
-93	1.1	1.1	1.4%
-92	1.1	1.1	1.3%
-91	1.1	1.1	1.4%
-90	1.2	1.1	1.5%
-89	1.2	1.2	1.5%
-88	1.2	1.2	1.5%
-87	1.2	1.2	1.5%
-86	1.3	1.3	1.6%
-85	1.3	1.3	1.6%
-84	1.3	1.3	1.6%
-83	1.4	1.3	1.7%
-82	1.4	1.4	1.6%
-81	1.4	1.4	1.8%
-80	1.5	1.4	1.8%
-79	1.5	1.5	1.8%
-78	1.5	1.5	1.9%
-77	1.6	1.6	2.0%
-76	1.6	1.6	2.0%
-75	1.7	1.6	2.0%
-74	1.7	1.7	2.1%
-73	1.8	1.7	2.2%
-72	1.8	1.8	2.2%
-71	1.9	1.8	2.3%
-70	1.9	1.9	2.3%
-69	2.0	1.9	2.4%
-68	2.0	2.0	2.5%
-67	2.1	2.0	2.6%
-66	2.1	2.1	2.6%
-65	2.2	2.1	2.7%
-64	2.3	2.2	2.7%
-63	2.3	2.3	2.9%
-62	2.4	2.3	2.9%
-61	2.5	2.4	3.0%
-60	2.6	2.5	3.1%
-59	2.7	2.6	3.2%
-58	2.7	2.7	3.3%

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Duct Bank Underground Transmission Line

Spreadsheet 1

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	**Duct Bank Base Case**	**Duct Bank Lower Conductors 5 Feet**	**Percent Reduction**
-57	2.8	2.7	3.4%
-56	2.9	2.8	3.5%
-55	3.0	2.9	3.6%
-54	3.2	3.0	3.8%
-53	3.3	3.1	3.9%
-52	3.4	3.3	4.0%
-51	3.5	3.4	4.2%
-50	3.7	3.5	4.4%
-49	3.8	3.6	4.5%
-48	3.9	3.8	4.7%
-47	4.1	3.9	4.9%
-46	4.3	4.1	5.0%
-45	4.5	4.2	5.3%
-44	4.7	4.4	5.5%
-43	4.9	4.6	5.7%
-42	5.1	4.8	6.0%
-41	5.3	5.0	6.2%
-40	5.6	5.2	6.5%
-39	5.8	5.4	6.8%
-38	6.1	5.7	7.1%
-37	6.4	6.0	7.4%
-36	6.8	6.3	7.8%
-35	7.1	6.6	8.1%
-34	7.5	6.9	8.6%
-33	8.0	7.2	9.0%
-32	8.4	7.6	9.5%
-31	8.9	8.0	10.0%
-30	9.5	8.5	10.5%
-29	10.0	8.9	11.1%
-28	10.7	9.4	11.7%
-27	11.4	10.0	12.4%
-26	12.2	10.6	13.1%
-25	13.0	11.2	13.9%
-24	14.0	11.9	14.8%
-23	15.0	12.7	15.7%
-22	16.2	13.5	16.7%
-21	17.5	14.4	17.8%
-20	18.9	15.3	19.0%
-19	20.5	16.4	20.3%
-18	22.3	17.5	21.7%
-17	24.4	18.7	23.3%

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Duct Bank Underground Transmission Line

Spreadsheet 1

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	**Duct Bank Base Case**	**Duct Bank Lower Conductors 5 Feet**	**Percent Reduction**
-16	26.7	20.0	24.9%
-15	29.3	21.5	26.7%
-14	32.2	23.0	28.6%
-13	35.5	24.6	30.6%
-12	39.3	26.4	32.8%
-11	43.5	28.2	35.1%
-10	48.3	30.2	37.6%
-9	53.7	32.2	40.1%
-8	59.7	34.3	42.6%
-7	66.3	36.3	45.2%
-6	73.3	38.3	47.7%
-5	80.7	40.2	50.1%
-4	88.0	42.0	52.3%
-3	94.8	43.5	54.2%
-2	100.7	44.7	55.6%
-1	104.9	45.5	56.6%
0	107.1	45.9	57.1%
1	106.9	45.9	57.1%
2	104.4	45.4	56.5%
3	99.9	44.6	55.4%
4	93.9	43.3	53.9%
5	87.0	41.8	52.0%
6	79.8	40.1	49.8%
7	72.5	38.1	47.4%
8	65.6	36.1	44.9%
9	59.2	34.1	42.4%
10	53.3	32.0	39.9%
11	48.0	30.0	37.4%
12	43.2	28.1	35.0%
13	39.0	26.3	32.7%
14	35.3	24.5	30.5%
15	32.0	22.9	28.5%
16	29.1	21.4	26.6%
17	26.6	20.0	24.9%
18	24.3	18.7	23.2%
19	22.3	17.4	21.7%
20	20.5	16.3	20.3%
21	18.9	15.3	19.0%
22	17.4	14.3	17.9%
23	16.2	13.5	16.8%
24	15.0	12.6	15.7%

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Duct Bank Underground Transmission Line

Spreadsheet 1

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	**Duct Bank Base Case**	**Duct Bank Lower Conductors 5 Feet**	**Percent Reduction**
25	14.0	11.9	14.8%
26	13.0	11.2	14.0%
27	12.2	10.6	13.2%
28	11.4	10.0	12.4%
29	10.7	9.4	11.7%
30	10.0	8.9	11.1%
31	9.4	8.5	10.5%
32	8.9	8.0	10.0%
33	8.4	7.6	9.5%
34	8.0	7.2	9.0%
35	7.5	6.9	8.6%
36	7.1	6.6	8.2%
37	6.8	6.3	7.8%
38	6.4	6.0	7.4%
39	6.1	5.7	7.1%
40	5.8	5.4	6.8%
41	5.6	5.2	6.5%
42	5.3	5.0	6.2%
43	5.1	4.8	6.0%
44	4.9	4.6	5.7%
45	4.7	4.4	5.5%
46	4.5	4.2	5.3%
47	4.3	4.1	5.1%
48	4.1	3.9	4.9%
49	3.9	3.8	4.7%
50	3.8	3.6	4.5%
51	3.7	3.5	4.4%
52	3.5	3.4	4.2%
53	3.4	3.3	4.0%
54	3.3	3.1	3.9%
55	3.2	3.0	3.8%
56	3.0	2.9	3.6%
57	2.9	2.8	3.5%
58	2.8	2.7	3.4%
59	2.7	2.7	3.3%
60	2.7	2.6	3.2%
61	2.6	2.5	3.1%
62	2.5	2.4	3.0%
63	2.4	2.3	2.9%
64	2.3	2.3	2.8%
65	2.3	2.2	2.8%
66	2.2	2.1	2.6%
67	2.1	2.1	2.6%

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Duct Bank Underground Transmission Line

Spreadsheet 1

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	**Duct Bank Base Case**	**Duct Bank Lower Conductors 5 Feet**	**Percent Reduction**
68	2.1	2.0	2.5%
69	2.0	2.0	2.4%
70	2.0	1.9	2.4%
71	1.9	1.9	2.4%
72	1.9	1.8	2.3%
73	1.8	1.8	2.2%
74	1.8	1.7	2.2%
75	1.7	1.7	2.1%
76	1.7	1.6	2.0%
77	1.6	1.6	2.0%
78	1.6	1.6	2.0%
79	1.5	1.5	1.9%
80	1.5	1.5	1.8%
81	1.5	1.4	1.8%
82	1.4	1.4	1.7%
83	1.4	1.4	1.7%
84	1.4	1.3	1.6%
85	1.3	1.3	1.6%
86	1.3	1.3	1.6%
87	1.3	1.3	1.6%
88	1.2	1.2	1.5%
89	1.2	1.2	1.5%
90	1.2	1.2	1.4%
91	1.2	1.1	1.5%
92	1.1	1.1	1.4%
93	1.1	1.1	1.3%
94	1.1	1.1	1.4%
95	1.1	1.1	1.3%
96	1.0	1.0	1.2%
97	1.0	1.0	1.3%
98	1.0	1.0	1.3%
99	1.0	1.0	1.2%
100	1.0	1.0	1.1%

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Pipe Type Underground Transmission Line

Spreadsheet 2

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	**Pipe Type Base Case**	**Pipe Type Lower Conductors 5 Feet**	**Percent Reduction**
-100	0.2	0.2	1.2%
-99	0.2	0.2	1.1%
-98	0.2	0.2	1.1%
-97	0.2	0.2	1.6%
-96	0.2	0.2	1.1%
-95	0.2	0.2	1.0%
-94	0.2	0.2	1.0%
-93	0.2	0.2	1.5%
-92	0.2	0.2	1.5%
-91	0.2	0.2	1.4%
-90	0.2	0.2	1.4%
-89	0.2	0.2	1.4%
-88	0.2	0.2	1.8%
-87	0.2	0.2	1.8%
-86	0.2	0.2	1.7%
-85	0.2	0.2	1.3%
-84	0.2	0.2	1.6%
-83	0.3	0.2	1.6%
-82	0.3	0.3	1.6%
-81	0.3	0.3	1.5%
-80	0.3	0.3	1.9%
-79	0.3	0.3	2.2%
-78	0.3	0.3	2.1%
-77	0.3	0.3	2.1%
-76	0.3	0.3	1.7%
-75	0.3	0.3	2.0%
-74	0.3	0.3	1.9%
-73	0.3	0.3	2.2%
-72	0.3	0.3	2.1%
-71	0.3	0.3	2.4%
-70	0.4	0.3	2.3%
-69	0.4	0.4	2.5%
-68	0.4	0.4	2.4%
-67	0.4	0.4	2.4%
-66	0.4	0.4	2.6%
-65	0.4	0.4	2.5%
-64	0.4	0.4	2.6%
-63	0.4	0.4	2.8%
-62	0.4	0.4	2.9%
-61	0.5	0.4	3.1%
-60	0.5	0.5	3.2%
-59	0.5	0.5	3.3%
-58	0.5	0.5	3.2%

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Pipe Type Underground Transmission Line

Spreadsheet 2

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	**Pipe Type Base Case**	**Pipe Type Lower Conductors 5 Feet**	**Percent Reduction**
-57	0.5	0.5	3.4%
-56	0.5	0.5	3.5%
-55	0.6	0.5	3.7%
-54	0.6	0.6	3.8%
-53	0.6	0.6	3.8%
-52	0.6	0.6	4.0%
-51	0.6	0.6	4.2%
-50	0.7	0.6	4.3%
-49	0.7	0.7	4.4%
-48	0.7	0.7	4.7%
-47	0.8	0.7	4.9%
-46	0.8	0.8	5.1%
-45	0.8	0.8	5.2%
-44	0.9	0.8	5.6%
-43	0.9	0.9	5.8%
-42	0.9	0.9	5.9%
-41	1.0	0.9	6.3%
-40	1.0	1.0	6.5%
-39	1.1	1.0	6.8%
-38	1.1	1.1	7.2%
-37	1.2	1.1	7.5%
-36	1.3	1.2	7.8%
-35	1.3	1.2	8.3%
-34	1.4	1.3	8.7%
-33	1.5	1.4	9.1%
-32	1.6	1.4	9.6%
-31	1.7	1.5	10.1%
-30	1.8	1.6	10.7%
-29	1.9	1.7	11.2%
-28	2.0	1.8	11.9%
-27	2.1	1.9	12.6%
-26	2.3	2.0	13.4%
-25	2.5	2.1	14.2%
-24	2.6	2.2	15.1%
-23	2.8	2.4	16.1%
-22	3.1	2.5	17.2%
-21	3.3	2.7	18.3%
-20	3.6	2.9	19.5%
-19	3.9	3.1	20.9%
-18	4.3	3.3	22.4%
-17	4.7	3.6	24.0%

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Pipe Type Underground Transmission Line

Spreadsheet 2

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	Pipe Type Base Case	Pipe Type Lower Conductors 5 Feet	Percent Reduction
-16	5.1	3.8	25.7%
-15	5.7	4.1	27.6%
-14	6.2	4.4	29.6%
-13	6.9	4.7	31.7%
-12	7.7	5.1	34.0%
-11	8.5	5.4	36.5%
-10	9.5	5.8	39.0%
-9	10.6	6.2	41.6%
-8	11.8	6.6	44.3%
-7	13.2	7.0	47.0%
-6	14.6	7.4	49.5%
-5	16.1	7.7	51.9%
-4	17.5	8.0	54.1%
-3	18.8	8.3	55.9%
-2	19.9	8.5	57.3%
-1	20.6	8.6	58.1%
0	20.9	8.7	58.4%
1	20.6	8.6	58.1%
2	19.9	8.5	57.3%
3	18.8	8.3	55.9%
4	17.5	8.0	54.1%
5	16.1	7.7	51.9%
6	14.6	7.4	49.5%
7	13.2	7.0	47.0%
8	11.8	6.6	44.3%
9	10.6	6.2	41.6%
10	9.5	5.8	39.0%
11	8.5	5.4	36.5%
12	7.7	5.1	34.0%
13	6.9	4.7	31.7%
14	6.2	4.4	29.6%
15	5.7	4.1	27.6%
16	5.1	3.8	25.7%
17	4.7	3.6	24.0%
18	4.3	3.3	22.4%
19	3.9	3.1	20.9%
20	3.6	2.9	19.5%
21	3.3	2.7	18.3%
22	3.1	2.5	17.2%
23	2.8	2.4	16.1%
24	2.6	2.2	15.1%

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Pipe Type Underground Transmission Line

Spreadsheet 2

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	**Pipe Type Base Case**	**Pipe Type Lower Conductors 5 Feet**	**Percent Reduction**
25	2.5	2.1	14.2%
26	2.3	2.0	13.4%
27	2.1	1.9	12.6%
28	2.0	1.8	11.9%
29	1.9	1.7	11.2%
30	1.8	1.6	10.7%
31	1.7	1.5	10.1%
32	1.6	1.4	9.6%
33	1.5	1.4	9.1%
34	1.4	1.3	8.7%
35	1.3	1.2	8.3%
36	1.3	1.2	7.8%
37	1.2	1.1	7.5%
38	1.1	1.1	7.2%
39	1.1	1.0	6.8%
40	1.0	1.0	6.5%
41	1.0	0.9	6.3%
42	0.9	0.9	5.9%
43	0.9	0.9	5.8%
44	0.9	0.8	5.6%
45	0.8	0.8	5.2%
46	0.8	0.8	5.1%
47	0.8	0.7	4.9%
48	0.7	0.7	4.7%
49	0.7	0.7	4.4%
50	0.7	0.6	4.3%
51	0.6	0.6	4.2%
52	0.6	0.6	4.0%
53	0.6	0.6	3.8%
54	0.6	0.6	3.8%
55	0.6	0.5	3.7%
56	0.5	0.5	3.5%
57	0.5	0.5	3.4%
58	0.5	0.5	3.2%
59	0.5	0.5	3.3%
60	0.5	0.5	3.2%
61	0.5	0.4	3.1%
62	0.4	0.4	2.9%
63	0.4	0.4	2.8%
64	0.4	0.4	2.6%
65	0.4	0.4	2.5%
66	0.4	0.4	2.6%
67	0.4	0.4	2.4%

PRELIMINARY TRANSMISSION EMF MANAGEMENT PLAN
EGBERT SWITCHING STATION PROJECT
230 kV Pipe Type Underground Transmission Line

Spreadsheet 2

	Magnetic Field Level Three Feet Above Ground (milliGauss)		
Distance from Center line (feet)	**Pipe Type Base Case**	**Pipe Type Lower Conductors 5 Feet**	**Percent Reduction**
68	0.4	0.4	2.4%
69	0.4	0.4	2.5%
70	0.4	0.3	2.3%
71	0.3	0.3	2.4%
72	0.3	0.3	2.1%
73	0.3	0.3	2.2%
74	0.3	0.3	1.9%
75	0.3	0.3	2.0%
76	0.3	0.3	1.7%
77	0.3	0.3	2.1%
78	0.3	0.3	2.1%
79	0.3	0.3	2.2%
80	0.3	0.3	1.9%
81	0.3	0.3	1.5%
82	0.3	0.3	1.6%
83	0.3	0.2	1.6%
84	0.2	0.2	1.6%
85	0.2	0.2	1.3%
86	0.2	0.2	1.7%
87	0.2	0.2	1.8%
88	0.2	0.2	1.8%
89	0.2	0.2	1.4%
90	0.2	0.2	1.4%
91	0.2	0.2	1.4%
92	0.2	0.2	1.5%
93	0.2	0.2	1.5%
94	0.2	0.2	1.0%
95	0.2	0.2	1.0%
96	0.2	0.2	1.1%
97	0.2	0.2	1.6%
98	0.2	0.2	1.1%
99	0.2	0.2	1.1%
100	0.2	0.2	1.2%