R0399

Tamalpais
Environmental
Consultants

March 12, 2007

Mr. Mark Johnson
Regional Water Quality Control Board
1515 Clay Street
Suite 1400
Oakland, CA 94612

Subject: Submittal of 2006 Annual Groundwater Monitoring Report, 1421 Park Ave, Emeryville, California.

Dear Mr. Johnson:

Tamalpais Environmental Consultants has prepared the attached Annual 2006 Groundwater Monitoring Report on behalf of Electro-Coatings Group for the former plating facility at 1421 Park Ave. in Emeryville. The groundwater monitoring results from the June and December 2006 monitoring events are summarized. Additional injections on the 1421 Park Ave. property are proposed to address VOC impacts in groundwater.

If you have any questions regarding the attached report, please contact me at (415) 456-5084.

Sincerely,

Aaron O'Brien, PE, CHMM
President

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Tamalpais
Environmental
Consultants

Annual 2006 Groundwater Monitoring Report

Former Electro-Coatings, Inc. Facility
1421 Park Avenue
Emeryville, California

Aaron O'Brien, PE, CHMM
President

Prepared March 12, 2007

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Introduction

Tamalpais Environmental Consultants (TEC) has prepared this report to summarize the 2006 groundwater monitoring results for the 1421 Park Avenue property and vicinity related to the former Electro-Coatings, Inc. electro-plating facility in Emeryville, California. The report is being submitted on behalf of Electro-Coatings Group, the entity responsible for ongoing monitoring and remediation for the property. A site vicinity map is included as Figure 1.

Remediation injections have been performed in multiple phases to promote the reduction of hexavalent chromium and volatile organic compounds (VOCs) on the 1421 Park Avenue property and vicinity. Injections were also conducted on the adjacent 4050 Horton Street property in 2004 to reduce concentrations of hexavalent chromium detected in groundwater on that property. Injections were also conducted in September 2006 in temporary points in the Holden Street Right-of-Way, immediately east of the 1401 Park Ave. property. The locations of the injections points are included in Figure 2.

The long-term groundwater monitoring results indicate that the former source of chromium impacts to groundwater on the 1401 Park Ave. property has been successfully addressed. Chromium impacts are still present in wells downgradient of the facility and in limited shallow soil areas. Additional shallow soil excavation is currently scheduled for May 2007 along the Holden Street Right-of-Way to accommodate the street development as described in separate correspondence with the Regional Water Quality Control Board (Water Board).

Concentrations of VOCs have been significantly reduced from previous levels on the 1421 Park Ave. property. Although significantly lower than earlier concentrations, elevated VOC levels were detected in 2006 in Wells MW-4, MW-14, and IW-01-02. This rebound is likely due to additional VOC-impacted groundwater that is not within the immediate range of the injection points migrating into the area of the well. Additional investigation and remediation may be required within the existing building area to address the remaining source. Off-site Monitoring Well MW-16 had shown significant decreases in VOCs and hexavalent chromium following the 2004 injection activities but the well appears to have been paved over by recent construction work in the area. TEC utilized a subsurface utility locator but was unable to locate the well. A replacement well and survey are included in the recommendations.

Groundwater Monitoring Field Activities

TEC conducted groundwater monitoring events on June 13 and 14, 2006 and December 18 and 19, 2006. Groundwater samples were collected in all of the monitoring wells in the monitoring program for the site during each event with the exception of Well MW-16, which could not be located. Shallow monitoring wells (MW-4, MW-5, MW-6, MW-10,

MW-13, MW-14, MW-17, MW-18, MW-26, IW-01-01, and IW-01-02) monitor groundwater in the first water-bearing (or shallow) zone, ranging from approximately 5 to 20 feet below ground surface (bgs). Wells MW-18A and MW-20 monitor groundwater in the second water-bearing (or deeper) zone, which begins at approximately 30 feet bgs, and is generally separated from the shallower zone by a clay aquitard.

Prior to sampling, depth-to-water measurements were obtained to evaluate groundwater elevations. All equipment that entered the wells was washed in a solution of phosphate-free detergent and water and rinsed in potable and deionized water. Low-flow sampling has been used for monitoring at this site since July 1998. A peristaltic pump was used to purge water from the wells until the parameters were generally stable and at least 3 gallons of water had been removed from the well. Field parameters monitored include temperature, pH, specific conductance, dissolved oxygen (DO), and oxidation/reduction potential (ORP). All water generated during monitoring activities was transferred to the operating ECI facility in Berkeley for disposal. Groundwater elevation data and groundwater quality field parameter data are presented in Table 1. Copies of the field sampling logs are included as Appendix 1.

Groundwater samples were collected from each well using dedicated tubing to minimize any potential for cross-contamination. Samples were collected into appropriate USEPA-approved containers, placed on ice, and transported to Curtis & Tompkins, Ltd. Analytical Laboratories in Berkeley, California, with appropriate chain-of-custody documentation. Groundwater samples were analyzed for chromium (USEPA Method 3010/6010B), hexavalent chromium (USEPA Method 7196A), and VOCs (USEPA Method 5030B/8260B).

TEC also monitored shallow-soil gas conditions in December 2006 with a methane field instrument at the shallow-soil vapor monitoring point (screened from 1 to 2 feet bgs). This monitoring point is in the immediate vicinity of two injection points used in April 2004 and would have the highest likelihood of detecting methane in the shallow subsurface. The field reading indicated the presence of methane at approximately 25% of the lower explosive limit (LEL) (approximately 5% by volume) in the subsurface, which is a decrease from previous measurements following the injection activities which exceeded the LEL. No methane was detected at the surface, along cracks, or in drainage boxes. The nearby building was built with a vapor barrier to prevent any vapor intrusion. The methane could potentially vent to the atmosphere but is not a toxicity hazard. Methane is a natural byproduct of the anaerobic process. TEC proposes to continue evaluating the presence of methane during future monitoring events at this location.

Groundwater Monitoring Results

Hydrogeologic Conditions

Groundwater elevations in the shallow wells ranged from 5.92 feet above mean sea level (msl) in Well MW-6 to 10.45 feet msl in Well IW-01-01 (Table 1). A groundwater elevation contour map for the December 2006 event is presented as Figure 3. Groundwater appears to flow northwest, which is consistent with previous monitoring events. Groundwater elevations in Wells IW-01-01 and IW-01-02 were estimated due to their completion at an angle below the 1421 Park building and were not used in contouring. Groundwater elevations for Wells MW-18A and MW-20 were not used in contouring due to their completion in a deeper water-bearing zone.

Laboratory Analytical Results

Groundwater at the site has historically been impacted with chromium, hexavalent chromium, and VOCs. A summary of the laboratory analytical results is presented in Table 2. Copies of the certified analytical reports are included as Appendix 2.

Hexavalent chromium was detected in one well on the 1421 Park Avenue property in the December 2006 monitoring event at the detection limit of 10 µg/L in Well MW-10. Total chromium was detected on the property at a maximum concentration of 440 µg/L in Well MW-10. Hexavalent chromium was detected offsite at a maximum of 41,000 µg/L in Well MW-17, located downgradient of the 1421 Park Avenue property.

The two deeper-zone monitoring wells (MW-18A and MW-20) had sporadic low-level detections of hexavalent chromium. Hexavalent chromium was detected at 10 µg/L in Well MW-20 in June 2006 but was not detected in December 2006 (with a detection limit of 10 µg/L). Hexavalent chromium was detected in Well MW-18A at 46 µg/L in December 2006 and was not detected in June 2006. Concentrations of hexavalent chromium for the December 2006 event are presented graphically in Figure 4.

VOC detections in onsite wells have been significantly reduced following the remediation mixture injections conducted in April 2004. However, increased concentrations were detected in the 2006 monitoring events for Wells MW-4, MW-14, and IW-01-02. The maximum concentration of trichlorethylene (TCE) in groundwater onsite during the December 2006 monitoring event was 950 µg/L in Well MW-14. The primary breakdown product of TCE, cis-1,2-dichloroethylene (cis-1,2-DCE), was detected onsite at a maximum concentration of 3,200 µg/L in Well IW-01-02. Vinyl chloride, the subsequent breakdown product of cis-1,2-DCE, was detected at a maximum concentration of 1,100 µg/L in Well MW-4.

TCE, cis-1,2-DCE, and vinyl chloride in offsite wells were observed at maximum concentrations of 130 µg/L, 39 µg/L, and 4.7 µg/L, respectively, in Well MW-17. The

deeper-zone monitoring wells (MW-18A and MW-20) were non-detect for VOCs. Concentrations of VOCs are presented graphically in Figure 5.

Conclusions

The remediation program implemented at the site has consisted of several phases of remediation injections that have significantly decreased the concentrations of hexavalent chromium and VOCs in on- and offsite monitoring wells. In addition to the injection event in April 2004, injections were conducted within the parking area of 1421 Park Avenue in April 1997 and February 1998. Additional limited events were conducted in March 1999 on the southern half of the 1421 Park Avenue property and in October 2000 on the 1401 Park Avenue property.

The site remediation program appears to have addressed the source of hexavalent chromium to groundwater on the 1401 Park Ave. property. Concentrations of total and hexavalent chromium in MW-6, the furthest downgradient well, have decreased by approximately 98% from the maximums observed in 1996 and 1997. Offsite wells MW-16, MW-17, and MW-18, located on Horton Street downgradient of the property, have also exhibited significant decreases following the implementation of onsite remediation activities, although chromium impacts remain in this area and continued groundwater monitoring is proposed to evaluate the downgradient effectiveness of the injection program.

The objective of the ongoing remediation program at the 1421 Park Avenue property is the reduction of VOC impacts in groundwater. Significant reductions in VOC concentrations have been achieved both onsite and offsite, although detections in several wells appear to have rebounded following the 2004 injections. Charts of VOCs versus time have been prepared for the primary remediation evaluation wells (MW-4, MW-10, MW-14, MW-16, and IW-01-02) and are included in Appendix 3.

Recommendations

TEC proposes to conduct additional remediation injections in the Injection Points IP-A through IP-E, IW-01-01, IW-01-02, three existing points in the vicinity of MW-14, and the existing point near MW-10. No additional injection is proposed for MW-4 during this round to evaluate the effectiveness of the upgradient injections and minimize the potential for methane generation near the exterior of the adjacent building.

TEC may modify the remediation solution to include whey and an emulsified oil to provide an electron donor that is likely to increase the length of time that each injection event will remain effective. The volume of solution to be injected will also be lowered from approximately 300 gallons to 150 gallons per event due to the observance of seepage during the April 2004 injections. More than one injection event may be completed to increase the distribution of the remediation mixture in the subsurface.

TEC also proposes to install a replacement well for missing well MW-16. Following the receipt of an encroachment agreement from the City of Emeryville, TEC will install a replacement well in approximately the same location with the identical screened interval (12 feet to 22 feet bgs). The well will be installed with a hollow-stem auger following the receipt of a permit from the County of Alameda Public Works Department. The well will be developed and monitored in conjunction with the next monitoring event at the site in December 2007. Following the well installation, TEC proposes to have all wells at the site resurveyed for inclusion in the state Geotracker database.

TEC recommends that groundwater monitoring at the site continue on an annual basis with annual reports submitted to the Water Board. Long-term monitoring results have indicated that the effectiveness of the recommended remediation injections is measured over a number of years and annual monitoring should be sufficient to evaluate and address residual impacts. A summary of all well installation and injection activities will also be included in the 2007 annual report.

If you have any questions regarding the information presented in this report or the proposed remediation activities, please call Aaron O'Brien at (415) 456-5084.

Attachments:

Table 1	Groundwater Elevation and Water Quality Field Data
Table 2	Cumulative Groundwater Laboratory Analytical Results
Table 3	Proposed Groundwater Monitoring Schedule
Figure 1	Site Vicinity Map
Figure 2	Injection Point Locations
Figure 3	Groundwater Elevations and Contours (December 2006)
Figure 4	Concentrations of Hexavalent Chromium in Groundwater (December 2006)
Figure 5	Concentrations of Trichloroethylene, cis-1,2-Dichloroethylene, and Vinyl Chloride in Groundwater (December 2006)
Appendix 1	Field Sampling Logs
Appendix 2	Laboratory Analytical Reports
Appendix 3	Charts of VOCs versus Time

Table 1: Groundwater Elevation and Field Data
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
MW-4	19-Apr-95	6.52	14.29	7.77	---	---	---	---	---	---	---
onsite	19-Sep-95	6.50		7.79	4.0	4.0	7.1	1,970	21.6	---	---
screened	14-Dec-95	5.36		8.93	4.5	5.0	6.0	2,350	18.8	---	---
interval:	6-Mar-96	5.90		8.39	4.3	5.0	---	2,050	20.7	---	---
16.0-20.0	11-Jun-96	6.39		7.90	4.2	5.0	6.0	1,030	21.5	---	---
	12-Sep-96	6.40		7.89	4.1	4.5	7.3	710	21.8	---	---
	9-Dec-96	5.78		8.51	4.4	5.0	6.5	2,110	16.1	---	---
	7-Apr-97	6.49		7.80	3.1	3.0	6.0	850	17.9	---	---
	30-Jun-97	6.49		7.80	3.1	3.1	6.3	1,700	21.0	---	---
	29-Sep-97	6.59		7.70	3.1	3.0	7.3	1,400	22.2	---	---
	22-Apr-98	6.47		7.82	---	---	---	---	---	---	---
	27-Jul-98	6.54		7.75	---	1.0	6.1	1,300	17.5	0.73	21
	8-Oct-98	6.55		7.74	---	1.0	6.6	2,240	20.9	0.68	-59
	2-Feb-99	6.02		8.27	---	1.0	7.2	1,800	18.1	0.90	-18
	19-May-99	5.44		8.85	---	1.0	6.5	125	17.9	0.80	-155
	19-Oct-99	6.45		7.84	---	1.0	6.3	1,410	19.5	10.46	-107
	17-Mar-00	5.88		8.41	---	2.0	6.2	1,118	18.6	0.28	215
	12-Feb-01	5.49		8.80	---	2.0	6.4	1,207	17.9	0.15	-7
	11-Jul-01	6.22		8.07	---	2.8	6.3	1,541	19.9	1.17	9
	11-Feb-02	6.23		8.06	---	1.0	6.4	1,095	18.3	0.06	-38
	12-Dec-02	6.53		7.76	---	0.84	6.7	1,160	17.9	0.35	32
	17-Jun-03	6.43		7.86	---	4.0	6.58	1,150	17.5	0.00	-28
	17-Dec-03	6.09		8.20	---	3.0	6.60	1,219	18.52	0.32	84.8
	22-Jun-04	6.44		7.85	---	4.0	5.5	170	18.4	0.6	-7
	13-Sep-04	6.83		7.46	---	3.0	6.3	980	18.9	0.7	-100
	20-Dec-04	6.58		7.71	---	3.0	6.4	740	18.2	0.7	-134
	27-Dec-05	5.51		8.78	---	3.0	6.7	1,380	17.4	1.0	37

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MW-4	**14-Jun-06**	**6.88**		**7.41**	**---**	**1.5**	**7.0**	**1,090**	**17.2**	**1.0**	**-137**
cont.	**19-Dec-06**	**6.24**		**8.05**	**---**	**5.0**	**6.6**	**1,080**	**17.8**	**0.2**	**-212**
MW-5	19-Apr-95	6.95	15.87	8.92	---	---	---	---	---	---	---
onsite	30-Jun-97	6.84		9.03	1.8	1.8	5.6	2,100	21.0	---	---
screened	29-Sep-97	7.82		8.05	1.6	1.5	7.6	1,800	24.4	---	---
interval:	22-Apr-98	6.50		9.37	1.9	1.0 D	6.5	4,480	18.1	---	---
11.0-15.0	27-Jul-98	7.48		8.39	---	0.8	6.8	2,530	21.1	0.75	12
	8-Oct-98	7.72		8.15	---	1.0	6.3	2,600	25.7	0.52	-137
	2-Feb-99	6.50		9.37	---	1.0	9.2	390	15.5	0.62	125
	21-May-99	6.48		9.39	---	1.0	5.1	1	16.2	1.40	-158
	19-Oct-99	8.19		7.68	---	1.0	6.4	3,840	19.7	10.22	131
	16-Mar-00	6.32		9.55	---	2.0	6.3	3,594	16.6	0.07	-105
	12-Feb-01	6.53		9.34	---	2.0	6.3	2,588	15.6	0.16	-71
(b)	11-Jul-01	6.93	15.90	8.97	---	3.7	6.2	2,639	19.0	0.31	-48
	11-Feb-02	6.69		9.21	---	1.5	6.3	1,622	16.9	0.11	-111
	11-Dec-02	6.70		9.20	---	0.84	6.8	1,525	17.9	0.15	-39
	16-Jun-03	7.08		8.82	---	3.0	6.43	1,510	18.8	4.60	-50
	16-Dec-03	6.52		9.38	---	3.0	6.99	1,479	18.64	0.15	12.5
	21-Jun-04	7.40		8.50	---	3.0	6.4	850	18.6	2.3	-70
	20-Dec-04	6.88		9.02	---	3.0	6.4	600	18.0	3.1	-102
	27-Dec-05	5.61		10.29	---	3.0	6.8	1,310	17.7	2.1	69
	13-Jun-06	**7.69**		**8.21**	**---**	**1.5**	**6.9**	**1,250**	**17.4**	**1.6**	**-65**
	18-Dec-06	**6.72**		**9.18**	**---**	**5.0**	**6.6**	**1,120**	**18.2**	**0.2**	**-204**

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MW-6	19-Apr-95	3.55	9.24	5.69	---	---	---	---	---	---	---
offsite	19-Sep-95	3.72		5.52	3.0	5.0	7.0	1,482	21.3	---	---
screened	14-Dec-95	3.01		6.23	2.3	3.0	6.5	3,650	19.8	---	---
interval:	6-Mar-96	3.31		5.93	2.6	3.0	6.0	3,750	21.9	---	---
13.0-17.0	11-Jun-96	5.34		3.90	2.0	2.0	6.5	1,900	22.6	---	---
	12-Sep-96	3.60		5.64	3.8	4.0	7.3	1,550	21.8	---	---
	9-Dec-96	3.19		6.05	4.1	6.5	6.5	3,780	19.4	---	---
	7-Apr-97	3.64		5.60	2.9	3.0	6.0	1,530	17.1	---	---
	30-Jun-97	3.57		5.67	2.9	2.9	6.7	1,700	22.0	---	---
	29-Sep-97	3.56		5.68	2.9	2.5	7.6	1,750	21.7	---	---
	1-Dec-97	3.14		6.10	---	---	---	---	---	---	---
	22-Apr-98	3.51		5.73	3.0	3.0	7.0	1,890	22.3		
	27-Jul-98	3.01		6.23	---	1.0	6.7	1,330	21.9	0.77	-14
	8-Oct-98	3.34		5.90	---	1.0	7.0	1,420	23.7	0.78	116
	2-Feb-99	2.71		6.53	---	1.0	6.6	2,470	17.6	1.06	138
	19-May-99	3.69		5.55	---	1.0	7.0	96	17.6	0.80	187
	19-Oct-99	2.72		6.52	---	1.0	6.4	1,020	21.3	10.41	220
	17-Mar-00	2.67		6.57	---	1.5	6.9	1,029	18.6	0.31	234
	11-Jul-01	3.44		5.80	---	4.6	6.8	954	19.3	0.33	78
	11-Feb-02	2.81		6.43	---	---	---	---	---	---	---
	12-Dec-02	2.82		6.42	---	0.74	7.8	211	18.2	1.44	62
	17-Jun-03	2.91		6.33	---	4.0	7.58	210	16.7	2.93	64
	17-Dec-03	2.52		6.72	---	3.0	7.50	160	17.74	3.32	124.8
	21-Jun-04	3.36		5.88	---	3.0	7.0	430	19.0	3.1	45
	20-Dec-04	3.12		6.12	---	3.0	7.3	NM	14.3	1.4	-61
	27-Dec-05	2.92		6.32	---	3.0	7.0	970	19.1	2.1	118
	13-Jun-06	**3.65**		**5.59**	**---**	**1.5**	**7.3**	**850**	**18.9**	**1.4**	**8**
	19-Dec-06	**3.32**		**5.92**	**---**	**6.0**	**6.6**	**910**	**18.9**	**0.5**	**-16**

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MW-10	19-Apr-95	6.94	15.10	8.16	---	---	---	---	---	---	---
onsite	29-Sep-97	7.10		8.00	32.3	7.0	6.4	2,700	23.3	---	---
screened	1-Dec-97	5.50		9.60	---	---	---	---	---	---	---
interval:	22-Apr-98	6.62		8.48	33.2	19 D	7.0	2,810	18.8	---	---
17.5-24.5	27-Jul-98	6.95		8.15	---	6.0	6.2	1,560	18.2	0.78	4
	8-Oct-98	7.10		8.00	---	6.0	6.5	2,330	22.5	0.77	-180
	2-Feb-99	6.43		8.67	---	6.0	8.6	2,800	17.8	0.47	93
	19-May-99	---		---	---	6.0	6.6	128	17.8	0.80	-222
	19-Oct-99	7.11		7.99	---	6.0	6.4	1,620	19.3	10.71	38
	17-Mar-00	6.28		8.82	---	2.0	6.5	546	17.8	0.32	165
	12-Feb-01	5.67		9.43	---	2.0	6.7	583	17.6	2.00	55
	11-Jul-01	6.67		8.43	---	2.7	6.5	810	19.4	0.53	-14
	11-Feb-02	6.72		8.38	---	2.0	6.7	393	17.7	4.05	-9
	11-Dec-02	6.68		8.42	---	0.95	7.0	291	18.4	1.20	79
	16-Jun-03	6.93		8.17	---	6.0	6.38	175	18.9	1.01	-23
	16-Dec-03	6.46		8.64	---	4.5	5.73	1,950	18.97	0.17	29.2
	22-Jun-04	7.23		7.87	---	3.0	6.1	720	18.8	1.0	-103
	13-Sep-04	7.20		7.90	---	3.0	6.3	800	19.1	7.9	-76
	20-Dec-04	6.83		8.27	---	3.0	6.3	630	18.7	3.1	-126
	27-Dec-05	5.72		9.38	---	3.0	6.6	1,230	18.6	1.8	72
	13-Jun-06	**7.48**		**7.62**	---	**3.0**	**6.7**	**1,660**	**18.2**	**4.6**	**-54**
	18-Dec-06	**6.62**		**8.48**	---	**5.0**	**6.4**	**1,240**	**17.7**	**0.6**	**-168**

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1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
MW-13	19-Apr-95	6.75	15.37	8.62	---	---	---	---	---	---	---
onsite	19-Sep-95	6.94		8.43	36.0	35.0	6.4	2,610	20.9	---	---
screened	14-Dec-95	5.45		9.92	55.9	25 D	6.0	2,990	20.3	---	---
interval:	6-Mar-96	5.94		9.43	51.0	30 D	6.0	2,120	21.9	---	---
10.5-15.5	11-Jun-96	6.75		8.62	48.5	30 D	6.0	1,500	23.3	---	---
	12-Sep-96	6.80		8.57	46.9	45.0	6.0	980	18.7	---	---
	9-Dec-96	6.02		9.35	52.9	55.0	6.0	2,570	20.6	---	---
	7-Apr-97	6.92		8.45	34.6	35.0	6.0	1,290	17.2	---	---
	30-Jun-97	6.66		8.71	36.3	24 D	6.2	1,220	22.0	---	---
	29-Sep-97	6.87		8.50	35.4	25.0	7.1	1,120	21.1	---	---
	1-Dec-97	5.15		10.22	---	---	---	---	---	---	---
	22-Apr-98	6.31		9.06	38.0	21 D	5.4	3,530	17.6	---	---
	27-Jul-98	6.58		8.79	---	7.0	7.0	1,920	20.4	0.70	0
	8-Oct-98	7.00		8.37	---	7.0	6.7	2,310	26.9	0.78	-187
	2-Feb-99	6.03		9.34	---	7.0	8.8	610	16.9	0.60	-109
	19-May-99	6.96		8.41	---	7.0	5.5	1	17.4	0.80	-243
	19-Oct-99	6.99		8.38	---	7.0	8.0	3,490	21.0	10.18	118
	16-Mar-00	5.65		9.72	---	2.0	6.8	1,433	17.4	0.23	-71
	12-Feb-01	5.27		10.10	---	2.0	6.5	1,601	17.2	0.17	-45
(b)	11-Jul-01	6.28	15.40	9.12	---	2.5	7.0	1,188	20.7	1.09	17
	11-Feb-02	6.39		9.01	---	1.0	6.8	972	18.2	0.70	-13
	11-Dec-02	6.40		9.00	---	0.84	7.4	1,029	19.7	5.24	68
	16-Jun-03	6.67		8.73	---	5.0	6.61	1,280	19.0	3.40	-47
	16-Dec-03	6.14		9.26	---	4.5	7.00	1,012	19.73	0.86	170.0
	21-Jun-04	6.96		8.44	---	4.0	6.4	800	18.9	2.2	-29
	20-Dec-04	6.50		8.90	---	3.0	6.4	640	19.4	2.7	-103
	27-Dec-05	5.24		10.16	---	3.0	7.0	860	18.4	5.1	103

Table 1: Groundwater Elevation and Field Data
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
MW-13	**13-Jun-06**	**7.29**		**8.11**	---	**3.0**	**7.1**	**830**	**18.2**	**1.3**	**-22**
cont.	**18-Dec-06**	**6.28**		**9.12**	---	**5.0**	**6.8**	**780**	**19.1**	**0.6**	**-148**
MW-14	19-Apr-95	6.71	15.49	8.78	---	---	---	---	---	---	---
onsite	12-Sep-96	6.74		8.75	48.1	15 D	6.0	820	18.8	---	---
screened	7-Apr-97	6.85		8.64	35.9	16.0	6.0	540	17.9	---	---
interval:	29-Sep-97	6.60		8.89	36.3	8.0	3.7	5,000	20.6	---	---
15.0-25.0	1-Dec-97	4.78		10.71	---	---	---	---	---	---	---
	27-Jul-98	6.92		8.57	---	7.0	5.0	2,360	21.3	0.70	98
	2-Feb-99	5.95		9.54	---	7.0	9.1	800	18.3	0.53	117
	19-May-99	7.30		8.19	---	7.0	4.5	1	18.4	1.20	-72
	19-Oct-99	7.11		8.38	---	7.0	6.8	5,550	21.9	10.25	148
	16-Mar-00	5.44		10.05	---	2.0	6.3	562	19.0	0.20	-75
	12-Feb-01	5.68		9.81	---	2.0	6.6	790	18.0	0.14	-27
(b)	11-Jul-01	6.20	15.52	9.32	---	2.5	6.3	696	21.3	0.50	-77
	11-Feb-02	7.14		8.38	---	1.5	6.4	674	19.6	0.11	-129
	12-Dec-02	6.52		9.00	---	0.84	6.8	448	20.0	0.76	69
	17-Jun-03	6.65		8.87	---	5.0	6.46	646	18.4	0.71	-65
	16-Dec-03	5.98		9.54	---	4.5	6.53	484	20.31	1.68	106.4
	22-Jun-04	6.89		8.63	---	3.0	4.3	1,200	19.6	1.1	-68
	13-Sep-04	6.92		8.60	---	3.0	5.1	910	20.4	1.4	-87
	20-Dec-04	6.31		9.21	---	3.0	6.3	350	19.6	3.4	-163
	27-Dec-05	5.09		10.43	---	3.0	6.7	560	18.7	0.3	-23
	13-Jun-06	**7.17**		**8.35**	---	**3.0**	7	**180**	**18.6**	**0.8**	**-39**
	18-Dec-06	**6.12**		**9.40**	---	**7.0**	**6.4**	**440**	**19.4**	**3.1**	**-201**

Table 1: Groundwater Elevation and Field Data
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
MW-16	19-Apr-95	4.57	12.08	7.51	---	---	---	---	---	---	---
offsite	19-Sep-95	4.64		7.44	40.0	40.0	6.7	1,710	---	---	---
screened	14-Dec-95	4.28		7.80	54.0	55.0	6.5	2,750	18.0	---	---
interval:	6-Mar-96	4.01		8.07	54.7	55.0	6.0	1,800	15.4	---	---
12.0-22.0	11-Jun-96	4.50		7.58	53.4	55.0	6.0	1,370	25.3	---	---
	12-Sep-96	4.55		7.53	52.7	55.0	7.2	980	20.5	---	---
	9-Dec-96	3.98		8.10	54.4	55.0	6.5	2,730	19.5	---	---
	7-Apr-97	4.57		7.51	39.5	40.0	6.0	110	14.9	---	---
	30-Jun-97	4.55		7.53	39.6	30 D	6.4	1,100	21.0	---	---
	29-Sep-97	4.63		7.45	39.4	35.0	7.4	1,050	20.0	---	---
	1-Dec-97	3.51		8.57	---	---	---	---	---	---	---
	22-Apr-98	4.40		7.68	39.9	39.9	8.0	910	17.8	---	---
	27-Jul-98	4.49		7.59	---	6.0	6.4	936	23.0	0.75	6
	8-Oct-98	4.62		7.46	---	6.0	6.6	970	17.9	0.72	34
	2-Feb-99	4.40		7.68	---	6.0	6.6	290	17.2	0.63	193
	19-May-99	4.56		7.52	---	6.0	6.7	130	17.6	0.80	183
	19-Oct-99	4.60		7.48	---	6.0	5.8	1,500	20.4	9.14	228
	17-Mar-00	3.80		8.28	---	2.0	6.3	1,549	18.2	0.12	301
	12-Feb-01	3.96		8.12	---	1.4	6.4	1,488	15.9	0.38	236
	11-Jul-01	4.38		7.70	---	3.7	6.3	1,621	19.9	0.50	317
	11-Feb-02	4.41		7.67	---	---	---	---	---	---	---
	12-Dec-02	4.25		7.83	---	0.74	6.7	132	18.4	0.48	103
	17-Jun-03	4.57		7.51	---	---	6.59	755	18.9	0.00	57
	17-Dec-03	4.21		7.87	---	4.5	5.47	569	19.32	0.31	287.0
	21-Jun-04	4.75		7.33	---	3.0	6.3	720	19.7	0.8	158
	21-Dec-04	4.52		7.56	---	3.0	7.4	250	14.8	1.1	142
	29-Dec-05	3.70		8.38	---	3.0	6.3	230	18.4	3.6	-31
(d)	**13-Jun-06**	**NM**		**NM**	**---**	**NM**	**NM**	**NM**	**NM**	**NM**	**NM**

Table 1: Groundwater Elevation and Field Data
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
MW-17	19-Apr-95	4.48	12.76	8.28	---	---	---	---	---	---	---
offsite	19-Sep-95	4.78		7.98	39.0	40.0	6.8	2,410	22.3	---	---
screened	14-Dec-95	3.31		9.45	55.3	20 D	6.0	3,140	18.5	---	---
interval:	6-Mar-96	3.75		9.01	54.1	26 D	7.0	2,630	16.2	---	---
10.0-20.0	11-Jun-96	4.55		8.21	52.0	30 D	6.0	1,600	18.8	---	---
	12-Sep-96	4.61		8.15	51.3	40.0	7.1	1,270	21.2	---	---
	9-Dec-96	3.89		8.87	54.0	55.0	6.5	2,000	20.8	---	---
	7-Apr-97	4.71		8.05	38.3	25.0	6.0	1,370	15.9	---	---
	30-Jun-97	4.55		8.21	38.8	38.0	6.4	1,400	20.0	---	---
	29-Sep-97	4.66		8.10	38.6	35.0	7.2	1,300	22.2	---	---
	1-Dec-97	3.49		9.27	---	---	---	---	---	---	---
	22-Apr-98	4.10		8.66	39.7	39.7	7.6	1,430	23.7	---	---
	27-Jul-98	4.43		8.33	---	5.0	6.4	1,010	23.6	0.76	11
	8-Oct-98	4.69		8.07	---	5.0	6.7	1,030	22.6	0.76	252
	2-Feb-99	3.91		8.85	---	5.0	6.5	2,500	17.6	1.16	184
	19-May-99	4.43		8.33	---	5.0	6.7	136	16.8	0.70	185
	19-Oct-99	4.86		7.90	---	5.0	5.8	1,310	19.6	8.64	218
	16-Mar-00	3.57		9.19	---	3.5	6.4	1,286	17.0	0.46	166
	12-Feb-01	3.43		9.33	---	1.4	6.5	1,304	15.4	0.55	236
	11-Jul-01	4.22		8.54	---	3.6	6.4	1,410	19.2	0.47	280
	11-Feb-02	4.38		8.38	---	---	---	---	---	---	---
	12-Dec-02	4.40		8.36	---	0.74	6.5	1,269	18.9	1.20	127
	17-Jun-03	4.60		8.16	---	4.0	6.47	1,510	18.1	1.52	182
	17-Dec-03	4.19		8.57	---	4.5	5.84	1,287	19.11	0.62	315.7
	21-Jun-04	4.89		7.87	---	3.0	6.3	600	19.0	0.7	181
	21-Dec-04	4.53		8.23	---	3.0	6.3	650	18.2	1.3	181
	29-Dec-05	3.32		9.44	---	3.0	6.7	1,350	18.4	0.7	-70

Table 1: Groundwater Elevation and Field Data
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
MW-17	**13-Jun-06**	**5.29**		**7.47**	**---**	**3.0**	**6.8**	**1,270**	**18.6**	**0.7**	**37**
cont.	**18-Dec-06**	**4.27**		**8.49**	**---**	**5.0**	**6.6**	**1,160**	**18.7**	**1.1**	**-124**
MW-18	19-Apr-95	4.79	13.57	8.78	---	---	---	---	---	---	---
offsite	19-Sep-95	5.00		8.57	40.0	20 D	4.1	1,920	23.1	---	---
screened	14-Dec-95	3.48		10.09	56.9	57.0	5.0	3,140	20.7	---	---
interval:	6-Mar-96	3.96		9.61	55.7	55.0	5.0	2,480	20.6	---	---
15.0-25.0	11-Jun-96	4.86		8.71	53.6	55.0	5.0	1,280	18.2	---	---
	30-Jun-97	4.69		8.88	40.2	35 D	3.5	1,400	23.0	---	---
	29-Sep-97	5.01		8.56	39.6	15 D	3.7	1,310	20.6	---	---
	22-Apr-98	4.14		9.43	41.3	41.3	4.0	1,340	22.7	0.78	182
	27-Jul-98	4.54		9.03	---	7.0	4.2	1,110	18.8	---	---
	2-Feb-99	4.30		9.27	---	7.0	6.5	2,050	18.5	2.05	191
	19-May-99	4.84		8.73	---	7.0	7.6	50	12.8	0.80	267
	19-Oct-99	5.02		8.55	---	7.0	2.8	1,480	21.1	8.33	359
	12-Feb-01	3.52		10.05	---	1.4	3.7	1,231	16.9	1.00	420
	11-Jul-01	5.04		8.53	---	5.3	3.7	1,127	19.9	0.59	5
	11-Feb-02	4.72		8.85	---	---	---	---	---	---	---
	12-Dec-02	4.80		8.77	---	0.74	4.15	971	19.7	3.24	270
	17-Jun-03	4.98		8.38	---	3.5	3.75	1,230	19.7	0.29	331
	17-Dec-03	4.31		9.05	---	4.5	4.02	1,322	20.03	0.34	243.4
	21-Jun-04	5.26		8.10	---	3.0	3.6	870	19.7	0.7	343
	21-Dec-04	4.81		8.55	---	3.0	3.6	670	19.3	1.4	290
	29-Dec-05	3.34		10.02	---	3.0	4.1	1,330	18.9	0.3	44
	14-Jun-06	**5.57**		**7.79**	**---**	**3.0**	**4.3**	**1,270**	**18.8**	**0.7**	**43**
	18-Dec-06	**4.37**		**8.99**	**---**	**5.0**	**4.0**	**1,190**	**19.2**	**1.1**	**-49**

Table 1: Groundwater Elevation and Field Data
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
MW-18A	19-Apr-95	4.67	13.36	8.69	---	---	---	---	---	---	---
offsite	19-Sep-95	5.76		7.60	68.0	20 (c)	6.0	920	22.3	---	---
deep well	14-Dec-95	5.60		7.76	91.3	40 D	6.5	1,960	18.3	---	---
screened	6-Mar-96	3.86		9.50	96.2	80.0	6.0	810	19.9	---	---
interval:	11-Jun-96	4.85		8.51	93.5	95.0	6.0	680	18.4	---	---
35.0-50.0	30-Jun-97	5.08		8.28	69.6	69.0	7.6	500	21.0	---	---
	29-Sep-97	5.26		8.10	69.3	69.0	7.8	490	21.7	---	---
	22-Apr-98	4.15		9.21	NP	NP	NP	NP	NP	0.70	-39
	27-Jul-98	4.86		8.50	---	15.0	6.6	430	19.6	---	---
	2-Feb-99	4.05		9.31	---	15.0	5.1	1,900	17.8	1.40	348
	19-May-99	4.64		8.72	---	15.0	3.8	138	17.6	1.20	428
	19-Oct-99	5.42		7.94	---	15.0	7.1	541	19.7	8.81	218
	12-Feb-01	4.81		8.55	---	1.4	7.6	565	17.4	6.40	219
	11-Jul-01	4.40		8.96	---	2.8	7.4	897	19.4	2.16	3
	11-Feb-02	4.71		8.65	---	---	---	---	---	---	---
	11-Dec-02	5.25		8.11	---	0.84	7.5	395	20.0	4.50	64
	16-Jun-03	5.16		8.41	---	3.0	7.78	221	19.0	5.64	87
	16-Dec-03	5.84		7.73	---	4.5	7.57	339	19.98	4.95	216.3
	21-Jun-04	5.24		8.33	---	3.0	7.5	110	19.4	9.0	93
	21-Dec-04	4.67		8.90	---	3.0	7.5	350	18.2	1.3	17
	27-Dec-05	4.61		8.96	---	3.0	7.5	590	18.1	3.0	107
	13-Jun-06	**5.63**		**7.94**	---	**3.0**	**7.3**	**580**	**19.0**	**0.9**	**-39**
	18-Dec-06	**4.76**		**8.81**	---	**5.0**	**7.4**	**560**	**18.4**	**0.2**	**-135**
MW-20	19-Apr-95	2.78	14.93	12.15	---	---	---	---	---	---	---
onsite	19-Sep-95	2.47		12.46	89.0	90.0	6.9	2,530	20.2	---	---
	14-Dec-95	2.95		11.98	116.9	120.0	7.0	2,560	21.4	---	---
	6-Mar-96	1.43		13.50	121.4	125.0	6.0	950	21.1	---	---
	11-Jun-96	2.29		12.64	119.2	120.0	6.0	780	20.3	---	---

Table 1: Groundwater Elevation and Field Data
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
MW-20	12-Sep-96	2.90		12.03	117.1	120.0	6.8	450	20.5	---	---
cont.	7-Apr-97	2.63		12.30	188.3	90.0	6.0	750	18.3	---	---
deep well	29-Sep-97	2.90		12.03	88.2	80.0	7.8	490	20.6	---	---
screened	22-Apr-98	1.77		13.16	not purged	not purged	not purged	not purged	not purged	0.72	-2
interval:	27-Jul-98	2.63		12.30	---	15.0	6.1	480	19.3	---	---
31.0-51.0	2-Feb-99	2.23		12.70	---	15.0	5.5	---	18.7	---	87
	19-May-99	2.46		12.47	---	15.0	6.8	55	19.2	0.70	70
	19-Oct-99	2.95		11.98	---	15.0	7.6	517	19.6	10.12	224
	12-Feb-01	2.03		12.90	---	2.4	7.3	303	17.1	5.50	63
	11-Jul-01	2.57		12.36	---	2.3	6.6	598	20.2	0.90	81
	11-Feb-02	2.18		12.75	---	2.3	6.6	598	20.2	0.90	81
	11-Dec-02	2.38		12.55	---	1.11	6.7	531	17.6	0.21	87
	16-Jun-03	2.73		12.20	---	4.0	6.77	552	18.3	0.00	330
	16-Dec-03	2.25		12.68	---	4.5	6.96	571	18.22	0.40	125.9
	21-Jun-04	2.58		12.35	---	3.0	6.6	390	18.6	0.9	145
	20-Dec-04	2.31		12.62	---	3.0	6.7	330	17.9	1.2	34
	27-Dec-05	2.12		12.81	---	3.0	7.1	570	17.9	NM	169
	13-Jun-06	**2.45**		**12.48**	**---**	**3.0**	**7.3**	**540**	**18.3**	**1.4**	**-44**
	18-Dec-06	**2.58**		**12.35**	**---**	**5.0**	**6.7**	**520**	**18.2**	**0.2**	**-179**
MW-26	11-Jul-01	6.58	16.07	9.49	---	3.0	6.3	1,656	19.5	-13.2	3
onsite	11-Feb-02	6.66		9.41	---	1.5	6.3	1,243	17.2	0.1	-33
screened	12-Dec-02	6.85		9.22	---	0.84	6	1,224	17.3	0.23	11
interval:	16-Jun-03	6.89		9.18	---	5.0	6.5	1,200	18.2	0.03	-23
6.0-21.0	16-Dec-03	6.49		9.58	---	4.5	6.52	1,423	18.65	0.21	112.4
	21-Jun-04	6.83		9.24	---	3.0	6.7	710	18.6	1.8	-8
	20-Dec-04	6.76		9.31	---	3.0	6.4	560	17.9	2.2	-56
	29-Dec-05	5.34		10.73	---	3.0	6.7	1,150	17.3	0.5	-107

Table 1: Groundwater Elevation and Field Data
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
MW-26	**14-Jun-06**	**7.07**		**9.00**	**---**	**3.0**	**6.8**	**1,110**	**16.5**	**1.8**	**-83**
cont.	**19-Dec-06**	**6.85**		**9.22**	**---**	**5.0**	**6.6**	**1,000**	**17.3**	**0.2**	**-197**
IW-01-01[c]	11-Jul-01	6.32	16.88	10.78	---	3.6	6.4	2,131	19.5	0.62	-73
onsite	11-Feb-02	6.58		10.52	---	1.0	6.4	1,769	18.4	0.07	-101
screened	11-Dec-02	6.43		10.67	---	0.84	6.7	1,500	19.1	0.13	-56
interval:	16-Jun-03	6.66		10.45	---	4.0	6.4	1,440	18.4	0.18	-38
6.0-21.0	16-Dec-03	6.22		10.87	–	4.5	6.61	1,413	19.16	0.22	61.4
	21-Jun-04	7.26		9.87	--	3.0	6.3	1,370	18.3	2.1	-104
	20-Dec-04	6.71		10.40	--	3.0	6.4	790	18.0	0.9	-122
	29-Dec-05	5.14		11.92	--	3.0	6.6	1,850	17.9	3.5	-164
	14-Jun-06	**7.59**		**9.55**	**--**	**3.0**	**6.5**	**1,950**	**17.3**	**2.5**	**-167**
	19-Dec-06	**6.66**		**10.45**	**--**	**5.0**	**6.6**	**1,280**	**17.9**	**0.1**	**-228**
IW-01-02[c]	11-Jul-01	8.06	16.02	8.24	---	4.6	6.2	1,595	19.0	0.57	-29
onsite	11-Feb-02	6.41		9.83	---	1.5	6.3	1,423	18.6	0.05	-50
	11-Dec-02	6.28		9.96	—	0.90	6.7	1,396	18.6	0.08	-14
IW-01-02	16-Jun-03	6.84		9.41	---	3.0	6.52	1,540	18.1	0.90	-57
cont.	16-Dec-03	6.36		9.88	---	4.5	6.54	1,560	18.77	0.32	39.0
screened	22-Jun-04	7.39		8.88	---	3.0	5.4	2,150	17.6	1.4	-77
interval:	13-Sep-04	7.31		8.96	---	3.0	6.5	1,340	19.0	1	-133
6.0-25.0	20-Dec-04	6.73		9.52	---	3.0	6.4	930	18.1	3.5	-143
	29-Dec-05	5.27		10.93	---	3.0	6.6	2,040	17.6	8.5	-172
	14-Jun-06	**7.64**		**8.64**	**---**	**3.0**	**6.7**	**1,380**	**17.1**	**3**	**-174**
	19-Dec-06	**6.71**		**9.54**	**---**	**5.0**	**6.6**	**1,190**	**17.7**	**0.1**	**-232**

Table 1: Groundwater Elevation and Field Data
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	Depth to Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)	Calculated Purge (a) (gallons)	Actual Purge (gallons)	pH	SC (µS)	Temp. (°C)	DO (mg/L)	ORP (mV)
notes											
---	not measured, not calculated, and/or not applicable										
bgs	bgs = below ground surface										
D	purged dry										
µS	microSiemens										
msl	above mean sea level										
mV	millivolts										
ORP	oxidation reduction potential										
SC	specific conductance										
(a)	Calculations are based on three-casing-volume purge. Beginning July 1998, low-flow sampling methods used; purge volume no longer calculated										
(b)	Elevations resurveyed on April 14, 2001, by Field Designs.										
(c)	Wells installed at an angle of 15 degrees to the south (base is 15° north of top of casing). Depths to water calculated as (measured depth-to-water * cosine [15°]).										
(d)	Well could not be found. Well appears to have been paved over during recent water line replacement.										

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-4	24-Aug-77	---	---	---	---	---	---	---	---	---	---	---	---	90,000	67,000	---
onsite	15-Sep-81	---	---	---	---	---	---	---	---	---	---	---	---	57,000	---	---
screened	11-Oct-81	---	---	---	---	---	---	---	---	---	---	---	---	61,000	---	---
interval:	24-Nov-81	---	---	---	---	---	---	---	---	---	---	---	---	56,000	---	---
16.0-20.0	21-Dec-81	---	---	---	---	---	---	---	---	---	---	---	---	55,000	---	---
	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	59,000	59,000	---
	1-Jun-91	---	---	---	---	---	---	---	---	---	---	---	---	17,000	17,800	---
	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	22,000	22,000	---
	4-Nov-91	31	2,100	---	269	<5	10	<5	<5	---	---	---	---	---	---	---
	28-Jul-94	---	6,500	---	---	---	---	---	---	---	---	---	---	---	6,300	---
	21-Apr-95	<50	4,400	430	<50	<50	<100	<50	<50	<50	---	---	---	16,000	17,000	---
	19-Sep-95	65	3,500	590	92	<50	<100	<50	<50	<50	---	---	---	14,000	15,000	---
	15-Dec-95	27	2,900	330	44	<10	<20	<10	<10	<10	---	---	---	16,000	16,000	---
	8-Mar-96	84	3,100	360	<50	<50	<100	<50	<50	<50	---	---	---	16,000	23,000	---
	11-Jun-96	<100	3,100	280	<100	<100	<200	<100	<100	<100	---	---	---	5,400	9,100	---
	13-Sep-96	63	1,800	410	58	<50	<100	<50	<50	<50	---	---	---	14,000	1,400	---
	11-Dec-96	<50	1,600	260	<50	<50	<100	<50	<50	<50	---	---	---	17,000	47,000	---
	8-Apr-97	<50	4,000	410	<50	<50	<100	<50	<50	<50	---	---	---	13,000	16,000	---
	30-Jun-97	<50	4,000	2,800	<50	<50	<100	<50	<50	<50	---	---	---	200	<50	---
	1-Oct-97	<25	<25	1,300	45	<25	1,100	<25	<25	<25	---	---	---	76	<5.0	---
	2-Dec-97	<25	120	320	29	<25	1,300	<25	<25	<25	---	---	---	170	<5.0	---
	28-Jul-98	<1.0	1.2	17	13	<1.0	21	<1.0	<1.0	<1.0	---	---	---	110	<5.0	---
	8-Oct-98	<0.50	1.6	7.4	16	<0.50	19	<0.50	<0.50	<0.50	---	---	---	190	<5.0	---
	3-Feb-99	<0.50	0.59	1.5	34	<0.50	<1.0	<0.50	1.6	0.94	---	---	---	<10	<5.0	---
	21-May-99	<5.0	<5.0	340	250	<5.0	480	<5.0	<5.0	<5.0	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	<10.0	<5.00	---
	21-Oct-99	<0.50	<0.50	4.3	3.9	<0.50	21	<0.50	<0.50	0.82	---	---	---	28	<5.0	---
	17-Mar-00	<2.50	41.1	82.6	6.3	<2.50	54	<2.50	<2.50	<2.50	---	---	---	15	<50	---
	13-Feb-01	<5.0	<5.0	1,700	37	<5.0	820	<5.0	<5.0	<5.0	---	---	---	14	<10	---
	11-Jul-01	<250	<250	7,500	<250	<250	1,200	<250	<250	<250	---	---	---	<10	<10	---
	12-Feb-02	<25	<25	8,200	34	<25	610	<25	<25	<25	---	---	---	<10	<10	---
	12-Dec-02	<36	<36	7,900	<36	<36	630	<36	<36	<36	1,800	8.5	23	14	<10	5.7
	17-Jun-03	<20	<20	8,200	92	<20	810	<20	<20	<20	3,100	16	34	<10	<10	4.3
	17-Dec-03	<31	<31	8,700	34	<31	1,400	<31	<31	<31	---	---	---	<10	<10	---
	Injected approximately 300 gallons of whey-based remediation mixture in April 2004.															
	22-Jun-04	<31	<31	5,800	37	<31	900	<31	<31	<31	4,400	2.6	22	100	<10	1,600
(o)	13-Sep-04	<2.0	<2.0	110	4.5	<2.0	170	<2.0	<2.0	<2.0	---	---	---	---	---	130

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-4	20-Dec-04	<3.1	<3.1	400	<3.1	<3.1	350	<3.1	<3.1	<3.1	---	---	---	<10	<10	7.2
cont.	27-Dec-05	<8.3	<8.3	3,000	<8.3	<8.3	1,800	<8.3	<8.3	<8.3	---	---	---	<10	<10	---
	14-Jun-06	**<31**	**<31**	**4,500**	**120**	**<31**	**1,800**	**<31**	**<31**	**<31**	---	---	---	**<10**	**<10**	---
	19-Dec-06	**<7.1**	**<7.1**	**1,100**	**<7.1**	**<7.1**	**1,100**	**<7.1**	**<7.1**	**<7.1**	---	---	---	**5.1**	**<10**	---
MW-5	24-Aug-77	---	---	---	---	---	---	---	---	---	---	---	---	360,000	295,000	---
onsite	11-Oct-81	---	---	---	---	---	---	---	---	---	---	---	---	880,000	2,240	---
screened	24-Nov-81	---	---	---	---	---	---	---	---	---	---	---	---	610,000	---	---
interval:	21-Dec-81	---	---	---	---	---	---	---	---	---	---	---	---	280,000	---	---
11.0-15.0	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	480,000	480,000	---
	1-Jun-91	---	---	---	---	---	---	---	---	---	---	---	---	390,000	---	---
	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	260,000	250,000	---
	4-Nov-91	8.9	410	---	120	4.2	54	1.3	42	---	---	---	---	---	---	---
	28-Jul-94	---	---	---	---	---	---	---	---	---	---	---	---	---	454,000	---
	21-Apr-95	10	210	31	13	<5	<10	<5	13	<5	---	---	---	140,000	160,000	---
	30-Jun-97	14	190	32	20	<5.0	<10	<5.0	8.2	<5.0	---	---	---	16,000	5,800	---
	1-Oct-97	<2.5	36	210	19	<2.5	13	<2.5	9.1	2.7	---	---	---	4,400	<5.0	---
	19-May-98	<2.5	<2.5	7.1	11	<2.5	<2.5	<2.5	<2.5	<2.5	---	---	---	---	---	---
	28-Jul-98	<0.50	<0.50	3.1	5.0	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	670	<500	---
	9-Oct-98	<0.50	3.5	2.4	6.5	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	540	38	---
	2-Feb-99	<0.50	0.52	3.1	7.4	<0.50	<1.0	<0.50	0.93	0.56	---	---	---	260	<5.0	---
	20-May-99	<2.5	3.4	2.9	5.7	<2.5	<5.0	<2.5	<2.5	<2.5	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	3,800	<50.0	---
(a)	20-Oct-99	<25	<25	<25	<25	<25	<50	<25	<25	<25	---	---	---	690	<50	---
	16-Mar-00	<0.500	<0.500	4.16	3.67	<0.500	1.58	<0.500	0.608	<0.500	---	---	---	86	<50	---
	13-Feb-01	<0.5	1.5	4.5	5	<0.5	4.6	<0.5	1.1	<0.5	---	---	---	81	20	---
	12-Jul-01	<5.0	<5.0	8.1	<5.0	<5.0	11	<5.0	<5.0	<5.0	---	---	---	52	20	---
	11-Feb-02	<0.5	1.6	4.9	5.9	<0.5	6.7	<0.5	3.3	0.6	---	---	---	<10	<10	---
	11-Dec-02	<0.5	1.9	3.4	3.8	<0.5	4.4	<0.5	3.4	0.7	---	---	---	41	<10	---
(f)	16-Jun-03	<0.5	1.7	14	4.7	<0.5	12	<0.5	4.8	0.6	---	---	---	36	<10	---
(h)	16-Dec-03	<0.5	1.8	14	4.8	<0.5	14	<0.5	4.1	0.6	---	---	---	26	<10	---
	21-Jun-04	<0.5	1.6	20	5.6	<0.5	13	<0.5	5.0	<0.5	---	---	---	26	<10	---
	20-Dec-04	<0.5	1.2	40	6.7	<0.5	20	<0.5	4.5	<0.5	---	---	---	27	<10	---
	27-Dec-05	<0.5	1.5	63	9.1	0.6	41	<0.5	6.1	0.6	---	---	---	22	<10	---
	13-Jun-06	**<0.5**	**1.5**	**56**	**7.4**	**<0.5**	**28**	**<0.5**	**6.5**	**<0.5**	---	---	---	**21**	**<10**	---
	18-Dec-06	**<0.5**	**1.0**	**41**	**6.5**	**<0.5**	**31**	**<0.5**	**4.6**	**<0.5**	---	---	---	**22**	**<10**	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-6	15-Sep-81	---	---	---	---	---	---	---	---	---	---	---	---	630	NA	---
offsite	11-Oct-81	---	---	---	---	---	---	---	---	---	---	---	---	80	NA	---
screened	24-Nov-81	---	---	---	---	---	---	---	---	---	---	---	---	790	NA	---
interval:	21-Dec-81	---	---	---	---	---	---	---	---	---	---	---	---	630	NA	---
13.0-17.0	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	3,330	3,300	---
	11-Jun-85	<0.5	220	---	54	<5	<5	3.9	<5	---	---	---	---	---	---	---
	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	31,000	25,000	---
	5-Nov-91	5.9	420	---	78	29	19	6.4	<0.5	---	---	---	---	---	---	---
	28-Jul-94	---	790	---	---	---	---	---	---	---	---	---	---	---	4,800	---
	20-Apr-95	<10	320	55	<10	34	<20	<10	<10	<10	---	---	---	39,000	40,000	---
	19-Sep-95	6.4	210	48	12	46	13	<5	<5	<5	---	---	---	45,000	43,000	---
	14-Dec-95	<10	400	53	<10	74	<20	<10	<10	<10	---	---	---	35,000	50,000	---
	8-Mar-96	<50	290	<50	<50	<50	<100	<50	<50	<50	---	---	---	42,000	50,000	---
	11-Jun-96	<50	300	<50	<50	<50	<100	<50	<50	<50	---	---	---	41,000	44,000	---
	13-Sep-96	<50	480	<50	<50	64	<100	<50	<50	<50	---	---	---	46,000	44,000	---
	11-Dec-96	<50	360	<50	<50	59	<100	<50	<50	<50	---	---	---	45,000	54,000	---
	8-Apr-97	<50	420	52	<50	73	<100	<50	<50	<50	---	---	---	45,000	48,000	---
	30-Jun-97	8.1	330	47	11	51	12	<5.0	<5.0	<5.0	---	---	---	44,000	43,000	---
	1-Oct-97	6.2	220	49	9.7	37	13	2.6	<2.5	<2.5	---	---	---	52,000	21,000	---
	2-Dec-97	6.4	260	44	7.6	43	<10	<5.0	<5.0	<5.0	---	---	---	50,000	46,000	---
	23-Apr-98	---	---	---	---	---	---	---	---	---	---	---	---	47,000	48,000	---
	19-May-98	4.3	330	45	12	50	13	4.6	1.3	1.4	---	---	---	---	---	---
	28-Jul-98	<5.0	200	59	7.0	24	<10	<5.0	<5.0	<5.0	---	---	---	47,000	55,000	---
	9-Oct-98	<5.0	200	42	6.8	23	<10	<5.0	<5.0	<5.0	---	---	---	36,000	330	---
	4-Feb-99	10.0	230	5.7	5.3	21	<10	<5.0	<5.0	<5.0	---	---	---	15,000	31,000	---
	21-May-99	1.2	16	5.2	0.52	1.4	<10	<5.0	<5.0	<5.0	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	17,000	1,400	---
	21-Oct-99	5.5	110	15	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	---	---	---	8,600	11,000	---
	17-Mar-00	11.1	90.3	27.3	2.70	6.00	<5.00	<2.50	<2.50	<2.50	---	---	---	8,800	418	---
	13-Feb-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	---	---	---	1,600	1,300	---
	12-Jul-01	14	97	<5.0	<5.0	32	<5.0	<5.0	<5.0	<5.0	---	---	---	---	---	---
	12-Feb-02	10	76	25	2.1	1.9	1.7	<0.5	<0.5	<0.5	---	---	---	---	---	---
(b)	12-Dec-02	1.6	12	3.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	2.2	0.052	0.026	740	740	1.3
	17-Jun-03	1.6	9.7	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.1	0.074	0.039	760	560	0.91
	17-Dec-03	1.1	6.8	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	370	440	---
(j)	21-Jun-04	7.4	32	8.2	1.1	0.9	0.6	<0.5	<0.5	<0.5	---	---	---	1,200	920	---
(s)	20-Dec-04	7.2	44	11	3.4	1.0	1.1	<0.5	<0.5	0.6	---	---	---	860	810	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-6	28-Jun-05	8.4	45	12	4.2	1.0	<0.5	<0.5	<0.5	0.6	---	---	---	770	820	---
cont.	27-Dec-05	9.5	63	21	6.5	1.9	2.5	<0.5	<0.5	0.8	---	---	---	860	810	---
	13-Jun-06	**9.4**	**49**	**13**	**4.7**	**1.0**	**1.0**	**<0.5**	**<0.5**	**<0.5**	---	---	---	**710**	**640**	---
	19-Dec-06	**9.2**	**49**	**17**	**6.9**	**1.1**	**1.4**	**<0.5**	**<0.5**	**0.7**	---	---	---	**490**	**530**	---
MW-10	15-Jan-81	---	---	---	---	---	---	---	---	---	---	---	---	17,000	14,000	---
onsite	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	746,000	740,000	---
screened	12-Jun-85	81	5,100	---	<50	<50	<50	<50	<50	---	---	---	---	---	---	---
interval:	12-Jun-85	<50	12,000	---	600	<50	---	<50	<50	---	---	---	---	---	---	---
17.5-24.5	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	490,000	450,000	---
	7-Nov-91	<50	14,000	---	640	3,800	<100	6,500	<50	---	---	---	---	---	---	---
	21-Apr-95	<100	10,000	900	<100	1,200	<200	1,000	<100	<100	---	---	---	160,000	170,000	---
	22-Aug-95	---	---	---	---	---	---	---	---	---	---	---	---	150,000	150,000	---
	20-Oct-95	---	---	---	---	---	---	---	---	---	---	---	---	78,000	86,000	---
	16-Feb-96	---	---	---	---	---	---	---	---	---	---	---	---	16,000	23,000	---
	9-May-96	---	---	---	---	---	---	---	---	---	---	---	---	11,000	<50	---
	8-Apr-97	<500	660	11,000	<500	680	<1000	<500	<500	<500	---	---	---	6,500	<5.0	---
	30-Jun-97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1-Oct-97	<120	<120	5,900	<120	260	500	<120	<120	<120	---	---	---	640	14	---
	2-Dec-97	<120	<120	6,600	<120	320	480	<120	<120	<120	---	---	---	510	<5.0	---
	Apr-98	---	---	---	---	---	---	---	---	---	---	---	---	500	9	---
	24-Apr-98	---	---	---	---	---	---	---	---	---	2,363	1.70	238	---	---	---
	28-Jul-98	<10	<10	390	17	<10	54	<10	<10	<10	---	---	---	240	<500	---
	29-Jul-98	---	---	---	---	---	---	---	---	---	6,805	51.5	821	---	---	---
	9-Oct-98	<1.2	11	53	5.8	2.5	14	<1.2	3.4	1.3	8,550	129	53.5	250	12	---
	2-Feb-99	<0.50	3.9	6.4	<0.50	0.60	1.1	<0.50	<0.50	<0.50	---	---	---	77	<5.0	---
	21-May-99	<0.50	1.8	11	1.8	0.90	2.2	<0.50	2.6	0.66	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	240	<5.0	---
(a)	20-Oct-99	<2.5	3.8	15	4.3	<2.5	<5.0	<2.5	11	<2.5	---	---	---	200	<50	---
	17-Mar-00	<0.500	4.36	2.16	<0.500	0.505	<1.00	<0.500	2.60	<0.500	---	---	---	88	<50	---
	13-Feb-01	<0.5	3	0.9	<0.5	<0.5	<1.0	<0.5	2.4	<0.5	---	---	---	29	<10	---
	11-Jul-01	<5.0	12	6.8	<5.0	<5.0	<5.0	<5.0	7.1	<5.0	---	---	---	34	<10	---
	11-Feb-02	<0.5	5.3	1.2	<0.5	<0.5	<0.5	<0.5	3.5	<0.5	---	---	---	34	<10	---
	11-Dec-02	<0.5	10	2.3	<0.5	0.7	<0.5	<0.5	0.5	<0.5	---	---	---	48	<10	---
	16-Jun-03	<2.5	6.1	760	10	66	720	<2.5	150	3.8	---	---	---	55	<10	---
	16-Dec-03	<3.1	11	1,000	8.7	72	1,500	<3.1	160	3.8	---	---	---	59	<10	---
(m)	22-Jun-04	<0.5	0.5	60	1.1	2.8	33	<0.5	67	2.0	8,100	89	730	65	<10	89

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-10 (n)	13-Sep-04	<0.5	1.3	6.2	1.3	<0.5	7.8	<0.5	37	3.3	---	---	---	---	---	17
cont. (q)	20-Dec-04	<0.5	1.2	13	2.3	0.8	22	<0.5	46	1.5	---	---	---	62	<10	11
	27-Dec-05	<0.5	2.1	23	2.0	1.0	27	<0.5	40	3.0	---	---	---	63	<10	---
	13-Jun-06	**<0.5**	**3.8**	**290**	**2.4**	**4.0**	**320**	**<0.5**	**96**	**3.5**	---	---	---	**72**	**<10**	---
	18-Dec-06	**<0.5**	**3.5**	**150**	**1.2**	**4.3**	**120**	**<0.5**	**60**	**2.2**	---	---	---	**440**	**10**	---
MW-13	14-Jan-81	---	---	---	---	---	---	---	---	---	---	---	---	381,000	325,000	---
onsite	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	676,000	676,000	---
screened	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	510,000	430,000	---
interval:	8-Nov-91	8.9	630	---	89	6.8	20	<5	15	---	---	---	---	---	---	---
10.5-15.5	28-Jul-94	---	770	---	---	---	---	---	---	---	---	---	---	230,000	130,000	---
	20-Apr-95	8.9	360	70	16	<5	20	<5	14	<5	---	---	---	210,000	220,000	---
	19-Sep-95	12.0	240	72	25	<5	42	<5	18	<5	---	---	---	200,000	210,000	---
	15-Dec-95	<10	380	68	17	<10	<20	<10	<10	<10	---	---	---	170,000	210,000	---
	8-Mar-96	<50	270	68	<50	<50	<100	<50	<50	<50	---	---	---	170,000	200,000	---
	11-Jun-96	<50	250	<50	<50	<50	<100	<50	<50	<50	---	---	---	170,000	160,000	---
	13-Sep-96	<50	430	84	<50	<50	<100	<50	<50	<50	---	---	---	160,000	13,000	---
	11-Dec-96	<50	250	56	<50	<50	<100	<50	<50	<50	---	---	---	160,000	170,000	---
	7-Apr-97	<50	280	62	<50	<50	<100	<50	<50	<50	---	---	---	150,000	160,000	---
	30-Jun-97	12	300	61	25	<5.0	30	<5.0	15	<5.0	---	---	---	92,000	69,000	---
	1-Oct-97	15	250	100	24	<5.0	25	<5.0	13	<5.0	---	---	---	63,000	40,000	---
	2-Dec-97	5.5	140	150	22	<2.5	35	<2.5	11	2.9	---	---	---	33,000	28,000	---
	23-Apr-98	---	---	---	---	---	---	---	---	---				7,900	2,500	---
	19-May-98	<0.50	1.2	29	4.4	<0.5	3.4	<0.5	6.1	0.67	---	---	---	---	---	---
	28-Jul-98	<0.50	9.3	9	3.2	<0.5	4.4	<0.5	3.1	0.90	---	---	---	1,800	<500	---
	29-Jul-98	---	---	---	---	---	---	---	---	---	7,935	0.214	2.70	1,800	<5.0	---
	9-Oct-98	<0.50	4.4	2.7	3.9	<0.50	1.3	<0.50	0.96	<0.50	10,700	1.87	2.98	370	<5.0	---
	2-Feb-99	<0.50	<0.50	0.55	0.96	<0.50	<1.0	<0.50	2.5	<0.50	---	---	---	---	---	---
	20-May-99	<2.5	4.9	2.7	<2.5	<2.5	<5.0	<2.5	6.1	<2.5	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	2,500	<50.0	---
(a)	20-Oct-99	<25	<25	<25	<25	<25	<50	<25	<25	<25	---	---	---	1,900	<50	---
	16-Mar-00	<0.500	<0.500	0.663	1.63	<0.500	<1.00	<0.500	5.88	<0.500	---	---	---	178	<50	---
	12-Feb-01	<0.5	<0.5	1.1	5.1	<0.5	1.3	<0.5	5.7	0.9	---	---	---	---	---	---
	13-Feb-01	---	---	---	---	---	---	---	---	---	---	---	---	110	<10	---
	11-Jul-01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	43	<10	---
	11-Feb-02	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	0.8	5.0	<0.5	---	---	---	18	<10	---
	11-Dec-02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	---	---	---	79	70	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-13	16-Jun-03	<0.5	1.7	2.4	2.4	<0.5	2.6	<0.5	5.9	<0.5	---	---	---	42	<10	---
cont.	16-Dec-03	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	2.0	4.6	<0.5	---	---	---	18	<10	---
	21-Jun-04	<0.5	2.0	7.6	2.2	<0.5	4.7	<0.5	5.2	<0.5	---	---	---	60	<10	---
	20-Dec-04	<0.5	1.1	8.5	3.0	<0.5	5.9	<0.5	5.2	<0.5	---	---	---	79	<10	---
	27-Dec-05	<0.5	0.8	2.4	<0.5	<0.5	0.7	9.3	4.3	<0.5	---	---	---	21	<10	---
	13-Jun-06	**<0.5**	**1.1**	**2.7**	**<0.5**	**<0.5**	**1.0**	**1.7**	**5.6**	**<0.5**	---	---	---	**41**	**<10**	---
	18-Dec-06	**<0.5**	**0.8**	**6.8**	**0.5**	**<0.5**	**1.8**	**4.4**	**4.8**	**<0.5**	---	---	---	**18**	**<10**	---
MW-14	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	654,000	632,000	---
onsite	21-Mar-85	26	580	---	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
screened	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	320,000	310,000	---
interval:	11-Nov-91	13	4,300	---	150	13	30	17	19	---	---	---	---	---	---	---
15.0-25.0	28-Jul-94	---	---	---	---	---	---	---	---	---	---	---	---	130,000	140,000	---
	21-Apr-95	<10	8,100	36	<10	<10	<20	<10	<10	<10	---	---	---	---	---	---
	13-Sep-96	<1000	4,700	<1000	<1000	<1000	<2000	<1000	<1000	<1000	---	---	---	100,000	9,700	---
	8-Apr-97	<500	17,000	<500	<500	<500	<1000	<500	<500	<500	---	---	---	93,000	100,000	---
	1-Oct-97	<25	2,200	2,100	<25	<25	<50	<25	<25	<25	---	---	---	9,100	<5.0	---
	2-Dec-97	<25	680	1,200	<25	<25	110	<25	<25	<25	---	---	---	1,400	<5.0	---
	19-May-98	<13	1,800	4,600	39	13	860	<13	<13	<13	---	---	---	---	---	---
	28-Jul-98	<100	1,500	5,100	<100	<100	1,200	<100	<100	<100	---	---	---	---	---	---
	29-Jul-98	---	---	---	---	---	---	---	---	---	2,846	20.4	98.9	1,600	<500	---
	26-Oct-98	<0.50	<0.50	350	13	<0.50	<50	<0.50	<0.50	<0.50	10,700	1.87	2.98	970	52	---
	2-Feb-99	<0.50	0.81	6.0	7.2	<0.50	3.0	<0.50	<0.50	<0.50	---	---	---	480	<50	---
	21-May-99	<0.50	350	550	12	<0.50	160	<0.50	<0.50	<0.50	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	2,500	<50.0	---
(a)	20-Oct-99	<25	230	600	<25	<25	<50	<25	<25	<25	---	---	---	1,300	<250	---
	16-Mar-00	<5.00	267	203	7.66	<5.00	55.3	<5.00	<5.00	<5.00	---	---	---	29	<50	---
	13-Feb-01	<0.5	1.7	8.3	0.5	<0.5	2.2	<0.5	<0.5	<0.5	---	---	---	56	<10	---
	11-Jul-01	<5.0	7.7	13	<5.0	<5.0	15	<5.0	<5.0	<5.0	---	---	---	40	<10	---
	11-Feb-02	<8.3	88	2,500	9.2	10	530	<8.3	<8.3	<8.3	---	---	---	29	<10	---
	12-Dec-02	<0.5	6.6	34	0.5	<0.5	11	<0.5	0.5	<0.5	---	---	---	22	<10	---
	17-Jun-03	<3.6	30	1,400	9.3	6.9	300	<3.6	<3.6	<3.6	---	---	---	29	<10	---
	16-Dec-03	<5.0	24	1,500	<5.0	6.9	210	<5.0	7.8	<5.0	---	---	---	17	<10	---
	22-Jun-04	<1.7	83	650	6.7	<1.7	71	<1.7	2.1	<1.7	8,800	16	150	120	<10	2,000
	13-Sep-04	<17	480	1,800	<17	<17	200	<17	<17	<17	---	---	---	---	---	710
	20-Dec-04	<5.0	73	640	6.8	<5.0	64	<5.0	<5.0	<5.0	---	---	---	20	<10	17
	27-Dec-05	<4.2	150	650	5.8	<4.2	190	<4.2	<4.2	<4.2	---	---	---	20	<10	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-14	**13-Jun-06**	**<3.1**	**39**	**350**	**<3.1**	**<3.1**	**150**	**<3.1**	**<3.1**	**<3.1**	---	---	---	**19**	**<10**	---
cont.	**18-Dec-06**	**<5.0**	**950**	**2,400**	**17**	**24**	**500**	**<5.0**	**<5.0**	**<5.0**	---	---	---	**19**	**<10**	---
MW-16	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	460,000	460,000	---
offsite	21-Mar-85	42	360	---	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
screened	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	240,000	290,000	---
interval:	19-Nov-91	<5	19,000	---	2299	1,200	420	1,300	<5	---	---	---	---	---	---	---
12.0-22.0	28-Jul-94	---	22,000	---	---	---	---	---	---	---	---	---	---	120,000	320,000	---
	20-Apr-95	13	10,000	2,400	67	390	300	180	28	<10	---	---	---	100,000	100,000	---
	19-Sep-95	<125	7,800	2,500	190	590	730	190	<125	<125	---	---	---	83,000	87,000	---
	14-Dec-95	<0.50	11,000	2,300	100	620	460	140	26	<0.50	---	---	---	57,000	74,000	---
	8-Mar-96	<200	9,900	2,400	<200	460	<400	<200	<200	<200	---	---	---	73,000	83,000	---
	11-Jun-96	<200	9,700	2,100	<200	<200	440	<200	<200	<200	---	---	---	67,000	20,000	---
	13-Sep-96	<1000	11,000	2,200	<1000	<1000	<2000	<1000	<1000	<1000	---	---	---	60,000	6,400	---
	11-Dec-96	<1000	11,000	2,900	<1000	<1000	<2000	<1000	<1000	<1000	---	---	---	65,000	73,000	---
	8-Apr-97	<1000	15,000	2,900	<1000	<1000	<2000	<1000	<1000	<1000	---	---	---	57,000	64,000	---
	30-Jun-97	<500	24,000	4,100	<500	780	<1000	<500	<500	<500	---	---	---	67,000	57,000	---
	1-Oct-97	<120	11,000	2,200	<120	350	410	<120	<120	<120	---	---	---	67,000	27,000	---
	2-Dec-97	<100	5,300	1,100	<100	160	<200	<100	<100	<100	---	---	---	24,000	32,000	---
	22-Apr-98	---	---	---	---	---	---	---	---	---	92.7	0.830	5.3	56,000	54,000	---
	19-May-98	4.5	3,900	1,800	40	230	160	39	9.3	1.9	---	---	---	---	---	---
	28-Jul-98	<100	4,500	2,600	<100	270	<200	<100	<100	<100	---	---	---	17,000	14,000	---
	29-Jul-98	---	---	---	---	---	---	---	---	---	199	4.95	31.5	---	---	---
	9-Oct-98	<100	2,700	1,400	<100	<100	<200	<100	<100	<100	410	6.06	30.4	29,000	2,400	---
	4-Feb-99	<25	7,500	2,200	80	660	<50	<25	<25	<25	---	---	---	92,000	93,000	---
	21-May-99	13	7,600	2,000	110	620	430	110	38	<5.0	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	94,000	5,690	---
	21-Oct-99	<130	11,000	1,800	<130	1,200	900	<130	<130	<130	---	---	---	86,000	98,000	---
	17-Mar-00	<100	7,630	2,230	<100	690	487	<100	<100	<100	---	---	---	86,000	<50	---
	12-Feb-01	<25	5,500	2,300	72	430	640	28	56	<25	---	---	---	60,000	47,000	---
	12-Jul-01	<170	5,000	1,400	<170	380	820	<170	<170	<170	---	---	---	110,000	70	---
	12-Feb-02	<17	4,400	1,600	53	420	520	29	49	<17	---	---	---	84,000	51,000	---
	12-Dec-02	<5.0	1,400	1,500	11	110	11	5.1	6.2	<5.0	4.5	0.48	0.030	1,000	760	11
	17-Jun-03	<10	1,400	3,600	55	300	480	17	<10	<10	1,200	19	140	18,000	12,000	5.2
	17-Dec-03	<5.0	1,400	1,300	31	220	440	9.1	29	<5.0	---	---	---	20,000	8,100	---
	21-Jun-04	<7.1	1,200	1,700	39	230	810	9.7	52	<7.1	---	---	---	38,000	15,000	---
	21-Dec-04	<5.0	430	710	14	70	160	<5.0	21	<5.0	---	---	---	10,000	6,400	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-16	28-Jun-05	<5.0	150	1,300	16	88	490	<5.0	33	<5.0	---	---	---	2,700	2,200	---
cont. (v)	29-Dec-05	<2.5	120	380	3.9	26	160	<2.5	11	<2.5	---	---	---	1,100	870	---
MW-17	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	90,000	38,200	---
offsite	13-Jun-85	18	200	---	23	46	<5	22	<5	---	---	---	---	---	---	---
screened	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	250,000	300,000	---
interval:	19-Nov-91	8.9	460	---	54	54	420	30	7.8	---	---	---	---	---	---	---
10.0-20.0	28-Jul-94	---	780	---	---	---	---	---	---	---	---	---	---	190,000	200,000	---
	20-Apr-95	<10	410	42	11	37	<20	<10	<10	<10	---	---	---	150,000	160,000	---
	19-Sep-95	9.8	260	50	23	42	<10	11	<5	<5	---	---	---	170,000	180,000	---
	14-Dec-95	13	360	24	<10	38	<20	<10	<10	<10	---	---	---	160,000	200,000	---
	8-Mar-96	<0.50	310	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<0.50	---	---	---	140,000	150,000	---
	11-Jun-96	<0.50	270	<0.50	<0.50	<0.50	<100	<0.50	<0.50	<0.50	---	---	---	130,000	150,000	---
	13-Sep-96	<200	1,900	<200	<200	410	<400	<200	<200	<200	---	---	---	130,000	12,000	---
	11-Dec-96	<200	450	<200	<200	<200	<400	<200	<200	<200	---	---	---	170,000	200,000	---
	8-Apr-97	<200	350	<200	<200	<200	<400	<200	<200	<200	---	---	---	160,000	160,000	---
	30-Jun-97	6.3	260	27	11	20	<10	<5.0	<5.0	<5.0	---	---	---	120,000	83,000	---
	1-Oct-97	11	250	29	11	15	<1.0	<0.50	<0.50	<0.50	---	---	---	91,000	52,000	---
	2-Dec-97	4.1	140	17	4.9	12	<5.0	<2.5	<2.5	<2.5	---	---	---	97,000	60,000	---
	23-Apr-98	---	---	---	---	---	---	---	---	---	---	---	---	85,000	10,000	---
	19-May-98	5.0	180	13	6.0	15	2.0	1.7	0.99	0.60	---	---	---	---	---	---
	28-Jul-98	<5.0	170	17	<5.0	11	<10	<5.0	<5.0	<5.0	---	---	---	50,000	65,000	---
	29-Jul-98	---	---	---	---	---	---	---	---	---	93.2	4.19	0.996	---	---	---
	8-Oct-98	<2.5	110	13	3.3	7.1	<5.0	<2.5	<2.5	<2.5	115	9.37	0.211	---	---	---
	9-Oct-98	---	---	---	---	---	---	---	---	---	---	---	---	60,000	420	---
	4-Feb-99	<2.5	220	21	4.7	21	<5.0	<2.5	<2.5	<2.5	---	---	---	120,000	110,000	---
	21-May-99	6.4	220	27	11	28	7.1	<2.5	<2.5	<2.5	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	110,000	5,290	---
	21-Oct-99	4.2	220	16	12	<2.5	10	<2.5	<2.5	<2.5	---	---	---	90,000	97,000	---
	16-Mar-00	ND (<10.0)	226	23.6	ND (<10.0)	15	ND (<20.0)	<10.0	<10.0	<10.0	---	---	---	24,800	<50	---
	12-Feb-01	5.6	260	39	4.6	15	ND (<2.0)	1.4	1.7	1.8	---	---	---	110,000	93,000	---
	12-Jul-01	7.3	270	46	14	12	11	<5.0	<5.0	<5.0	---	---	---	170,000	170	---
	12-Feb-02	4.8	230	38	3.6	12	0.8	0.8	1.7	1.6	---	---	---	96,000	18,000	---
(c)	12-Dec-02	4.8	190	56	2.4	7.1	0.9	0.6	1.9	1.2	0.50	0.011	0.014	55,000	440	4.5
	17-Jun-03	8.5	270	61	18	13	12	1.0	2.2	2.3	1,700	16	1.6	97,000	31,000	3.3
(h,i)	17-Dec-03	7.1	220	53	15	10	11	0.8	1.7	1.7	---	---	---	70,000	14,000	---
(k)	21-Jun-04	6.9	210	46	13	10	7.1	<1.0	1.5	1.4	---	---	---	90,000	32,000	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-17 (r)	21-Dec-04	5.5	220	44	14	8.9	9.1	<1.3	2.0	1.3	---	---	---	68,000	1,200	---
cont. (t)	28-Jun-05	6.2	220	53	14	10	8.4	<1.7	1.9	1.7	---	---	---	67,000	64,000	---
(u)	29-Dec-05	6.8	190	52	11	8.0	9.4	<1.3	2.2	1.7	---	---	---	57,000	5,600	---
	13-Jun-06	**6.6**	**190**	**51**	**12**	**9.0**	**7.6**	**<1.7**	**1.8**	**<1.7**	---	---	---	**63,000**	**61,000**	---
	18-Dec-06	**7.0**	**130**	**39**	7.7	**7.8**	**4.7**	**<1.3**	**2.3**	**<1.3**	---	---	---	**45,000**	**41,000**	---
MW-18	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	60,500	55,000	---
offsite	12-Jun-85	32	430	---	140	<0.5	<0.5	52	<0.5	---	---	---	---	---	---	---
screened	12-Jun-85	<50	340	---	<50	<50	---	66	<50	---	---	---	---	---	---	---
interval:	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	31,000	24,000	---
15.0-25.0	19-Nov-91	11	560	---	160	<5	30	23	<5	---	---	---	---	---	---	---
	22-Apr-95	<10	330	35	13	<10	<20	16	<10	<10	---	---	---	24,000	23,000	---
	19-Sep-95	14	200	34	20	<5	<10	16	<5	<5	---	---	---	25,000	27,000	---
	14-Dec-95	<10	280	18	<10	<10	<20	<10	<10	<10	---	---	---	20,000	22,000	---
	8-Mar-96	<50	200	<50	<50	<50	<100	<50	<50	<50	---	---	---	22,000	23,000	---
	11-Jun-96	<50	200	<50	<50	<50	<100	<50	<50	<50	---	---	---	19,000	17,000	---
	30-Jun-97	9.0	210	21	12	<5.0	<10	8.6	<5.0	<5.0	---	---	---	16,000	11,000	---
	1-Oct-97	11	200	25	13	<2.5	<5.0	9.3	<2.5	<2.5	---	---	---	20,000	14,000	---
	28-Apr-98	---	---	---	---	---	---	---	---	---	---	---	---	11,000	9,400	---
	19-May-98	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	---	---	---
	28-Jul-98	6.7	190	13	<5.0	23	<10	6.2	<5.0	<5.0	---	---	---	12,000	5,000	---
	4-Feb-99	7.5	180	24	13	3	3.7	6.8	<2.5	<2.5	---	---	---	16,000	50	---
	20-May-99	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	9,300	780	---
	21-Oct-99	<2.5	120	13	14	<2.5	<5.0	<2.5	<2.5	<2.5	---	---	---	7,900	9,400	---
	12-Feb-01	8.2	150	35	13	2.4	5.6	4.1	1.6	1.2	---	---	---	7,400	7,300	---
	12-Jul-01	6.4	130	26	9.3	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	5,400	5,100	---
	11-Feb-02	7.9	130	30	9.4	1.7	5.8	4.0	1.6	1.2	---	---	---	6,400	5,300	---
	12-Dec-02	2.3	58	16	4.7	0.7	1.3	0.8	0.7	0.6	94	0.620	0.840	3,200	2,300	2.3
	17-Jun-03	9.1	120	32	10	1.7	5.7	3.5	1.9	1.1	---	---	---	4,800	3,800	2.7
	17-Dec-03	8.0	98	30	8.4	1.5	5.8	3.3	2.1	1.1	---	---	---	5,100	4,400	---
	21-Jun-04	9.8	96	31	9.5	1.6	4.9	3.3	2.3	0.9	---	---	---	6,900	5,400	---
	21-Dec-04	7.3	79	42	11	1.7	5.1	4.3	3.7	1.0	---	---	---	6,900	4,900	---
	28-Jun-05	7.3	81	41	9.1	1.4	4.3	2.7	2.6	0.8	---	---	---	6,300	5,400	---
	29-Dec-05	8.5	92	42	8.7	1.2	5.4	3.2	2.9	0.9	---	---	---	7,400	4,900	---
	14-Jun-06	**11**	**87**	**41**	**9.0**	**1.5**	**4.7**	**3.4**	**2.6**	**0,8**	---	---	---	**6,200**	**6,800**	---
	18-Dec-06	**8.0**	**76**	**36**	**6.4**	**0.9**	**3.6**	**2.7**	**2.2**	**0.9**	---	---	---	**6,400**	**5,600**	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-18A	22-Jun-83	---	---	---	---	---	---	---	---	---	---	---	---	20	<20	---
offsite	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	<20	<20	---
screened	13-Jun-85	<0.5	10	---	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
interval:	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	<50	<10	---
35.0-50.0	19-Nov-91	<0.5	<0.5	---	<0.5	<0.5	<1	<0.5	<0.5	---	---	---	---	---	---	---
deep well	20-Apr-95	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---	---	---	<10	<5.0	---
	19-Sep-95	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---	---	---	<10	<5.0	---
	15-Dec-95	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	17	<5.0	---
	8-Mar-96	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	<50	<5.0	---
	11-Jun-96	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	38	<0.0050	---
	30-Jun-97	<0.50	4.5	0.54	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	1,100	840	---
	1-Oct-97	<0.50	3.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	490	430	---
	23-Apr-98	---	---	---	---	---	---	---	---	---	---	---	---	64	52	---
	28-Jul-98	<0.50	1.1	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	59	55	---
	4-Feb-99	<0.50	18	2.7	<0.50	0.92	<1.0	<0.50	<0.50	<0.50	---	---	---	<10	50	---
	20-May-99	8.5	190	26	14	3.3	7.3	6.1	1.4	1.3	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	1,500	<5.00	---
	21-Oct-99	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	<10	<5.0	---
	12-Feb-01	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	12-Jul-01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	<10	30	---
	11-Feb-02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	11-Dec-02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	16-Jun-03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.86	<0.005	<0.005	<10	<10	---
	16-Dec-03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	21-Jun-04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	21-Dec-04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	27-Dec-05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	13-Jun-06	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---	---	---	**<10**	**<10**	---
	18-Dec-06	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---	---	---	**<5**	**40**	---
MW-20	21-Jun-83	---	---	---	---	---	---	---	---	---	---	---	---	1,300	1,200	---
onsite	11-Aug-83	---	---	---	---	---	---	---	---	---	---	---	---	90	40	---
screened	26-Feb-85	---	---	---	---	---	---	---	---	---	---	---	---	<20	<20	---
interval:	11-Oct-91	---	---	---	---	---	---	---	---	---	---	---	---	<50	14	---
31.0-51.0	15-Nov-91	<0.5	<0.5	---	<0.5	<0.5	<1	<0.5	<0.5	---	---	---	---	---	---	---
deep well	21-Apr-95	<0.5	4	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---	---	---	<10	<5.0	---
	19-Sep-95	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---	---	---	<10	<5.0	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
MW-20	15-Dec-95	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	22	<5.0	---
cont.	8-Mar-96	---	---	---	---	---	---	---	---	---	---	---	---	22	<5.0	---
	11-Jun-96	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	96	<5.0	---
	13-Sep-96	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	120	<5.0	---
	7-Apr-97	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	55	<5.0	---
	1-Oct-97	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	<10	<5.0	---
	23-Apr-98	---	---	---	---	---	---	---	---	---	---	---	---	<10	<5.0	---
	28-Jul-98	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---		<10	<5.0	---
	3-Feb-98	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	<10	<5.0	---
	21-May-99	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	---	---	---
	25-Jun-99	---	---	---	---	---	---	---	---	---	---	---	---	<10.0	<50.0	---
	21-Oct-99	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	<10	<5.0	---
	13-Feb-01	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	11-Jul-01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	<10	<10	---
	12-Feb-02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	11-Dec-02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	16-Jun-03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	16-Dec-03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	21-Jun-04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	20-Dec-04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	27-Dec-05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	<10	<10	---
	13-Jun-06	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---	---	---	**<10**	**10**	---
	18-Dec-06	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---	---	---	**<5**	**<10**	---
MW-26	11-Jul-01	<5.0	<5.0	15	6	<5.0	18	<5.0	<5.0	<5.0	---	---	---	31	30	---
onsite	12-Feb-02	<0.5	<0.5	6.0	4.3	<0.5	5.4	<0.5	1.2	0.7	---	---	---	28	<10	---
screened	12-Dec-02	<0.5	0.6	6.6	3.8	<0.5	4.5	<0.5	2.3	0.6	---	---	---	19	<10	---
interval:	16-Jun-03	<0.5	1.4	25	6.1	<0.5	9.2	<0.5	1.7	0.7	---	---	---	30	<10	---
15.0-25.0 (g)	16-Dec-03	<0.5	1.5	43	6.2	<0.5	13	<0.5	2.2	0.6	---	---	---	27	<10	---
	21-Jun-04	<0.5	1.9	43	5.9	<0.5	12	<0.5	1.4	<0.5	---	---	---	20	<10	---
	20-Dec-04	<0.5	0.7	74	8.0	<0.5	17	<0.5	2.2	0.5	---	---	---	15	<10	---
	29-Dec-05	<0.5	1.4	82	13	<0.5	35	<0.5	2.2	0.5	---	---	---	26	<10	---
	14-Jun-06	**<0.5**	**1.5**	**46**	**11**	**<0.5**	**24**	**<0.5**	**2.1**	**<0.5**	---	---	---	**35**	**<10**	---
	19-Dec-06	**<0.5**	**1.6**	**29**	**22**	**<0.5**	**24**	**<0.5**	**2.5**	**0.5**	---	---	---	**120**	**<10**	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
IW-01-01	11-Jul-01	<130	1,800	2,800	<130	<130	1,100	<130	150	<130	---	---	---	<10	<10	---
onsite	12-Feb-02	<25	750	7,600	48	170	3,100	28	350	<25	---	---	---	13	<10	---
screened (d)	11-Dec-02	<3.6	450	1,300	15	34	850	9.1	130	<3.6	---	---	---	14	<10	---
interval: (f)	16-Jun-03	<0.5	51	54	6.1	0.9	110	<0.5	22	0.9	---	---	---	30	<10	---
15.0-25.0 (g)	16-Dec-03	<0.5	28	23	4.7	<0.5	70	<0.5	13	0.8	---	---	---	26	<10	---
	Injected approximately 300 gallons of whey-based remediation mixture in April 2004.															
(l)	21-Jun-04	<1.3	75	110	3.4	1.3	30	<1.3	16	<1.3	---	---	---	210	20	---
	20-Dec-04	<2.0	<2.0	2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	---	---	---	29	<10	---
	29-Dec-05	<0.5	<0.5	3.0	2.5	<0.5	3.4	<0.5	2.0	<0.5	---	---	---	21	<10	---
	14-Jun-06	**<0.5**	**<0.5**	**2.9**	**3.5**	**<0.5**	**4.4**	**<0.5**	**2.2**	**<0.5**	---	---	---	**18**	**<10**	---
	19-Dec-06	**<0.5**	**<0.5**	**5.5**	**2.5**	**<0.5**	**3.7**	**<0.5**	**1.7**	**<0.5**	---	---	---	**20**	**<10**	---
IW-01-02	11-Jul-01	<36	<36	290	<36	<36	480	<36	38	<36	---	---	---	24	<10	---
onsite	12-Feb-02	<3.1	46	280	7.4	4.8	380	<3.1	73	<3.1	---	---	---	20	<10	---
screened (e)	11-Dec-02	<0.6	8.2	150	5.0	1.3	260	<0.6	50	0.9	---	---	---	23	<10	---
interval: (f)	16-Jun-03	<5.0	1,000	1,500	23	65	360	28	81	<5.0	---	---	---	60	<10	---
15.0-25.0 (g)	16-Dec-03	<2.5	840	800	13	31	270	11	54	<2.5	---	---	---	44	<10	---
	Injected approximately 300 gallons of whey-based remediation mixture in April 2004.															
IW-01-02	22-Jun-04	<31	210	9,400	120	76	340	<31	210	<31	1,100	2.2	11.0	260	<10	3,700
cont. (p)	13-Sep-04	<2.5	5.4	140	15	<2.5	13	<2.5	<2.5	<2.5	---	---	---	---	---	13
	20-Dec-04	<10	<10	16	<10	<10	<10	<10	<10	<10	---	---	---	39	<10	10
	29-Dec-05	<1.3	6.6	150	5.6	<1.3	63	<1.3	<1.3	<1.3	---	---	---	27	<10	---
	14-Jun-06	**<13**	**280**	**1,600**	**41**	**110**	**410**	**25**	**38**	**<13**	---	---	---	**16**	**<10**	---
	19-Dec-06	**<17**	**620**	**3,200**	**96**	**150**	**600**	**39**	**33**	**<17**	---	---	---	**16**	**<10**	---
IP-4	7-Apr-04	2.9	160	79	60	1.6	3.5	<0.5	1.1	1.0	---	---	---	160	<10	---
	Injected approximately 300 gallons of whey-based remediation mixture in April 2004.															
	22-Jun-04	<1.3	33	150	33	<1.3	4.3	<1.3	<1.3	<1.3	---	---	---	51	<10	---
	21-Dec-04	<13	<13	45	<13	<13	<13	<13	<13	<13	---	---	---	140	<10	---
IP-9	7-Apr-04	<8.3	18	31	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	---	---	---	4,400	3,600	---
	Injected approximately 300 gallons of whey-based remediation mixture in April 2004.															
	22-Jun-04	<6.3	<6.3	17	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	---	---	---	230	<10	---
	21-Dec-04	<10	20	28	<10	<10	<10	<10	<10	<10	---	---	---	430	<10	---
IP-17	7-Apr-04	6.3	38	32	7.9	1.7	4.2	<1.7	2.2	<1.7	---	---	---	39,000	27,000	---
	Injected approximately 300 gallons of whey-based remediation mixture in April 2004.															
	22-Jun-04	<5.0	25	16	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	530	<10	---
	21-Dec-04	<4.2	10	16	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	---	---	---	860	<10	---

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
Trip Blank	2-Dec-97	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	---	---	---
	19-May-98	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	---	---	---
	16-Mar-00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	---	---	---
	17-Mar-00	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	---	---	---	---	---	---
	11-Dec-02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	12-Dec-02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	17-Jun-03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	16-Dec-03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	17-Dec-03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	7-Apr-04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	21-Jun-04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	22-Jun-04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	13-Sep-04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	20-Dec-04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	28-Jun-05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	27-Dec-05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	29-Dec-05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	29-Dec-05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	13-Jun-06	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---	---	---	---	---	---
	18-Dec-06	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---	---	---	---	---	---
	19-Dec-06	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---	---	---	---	---	---

notes

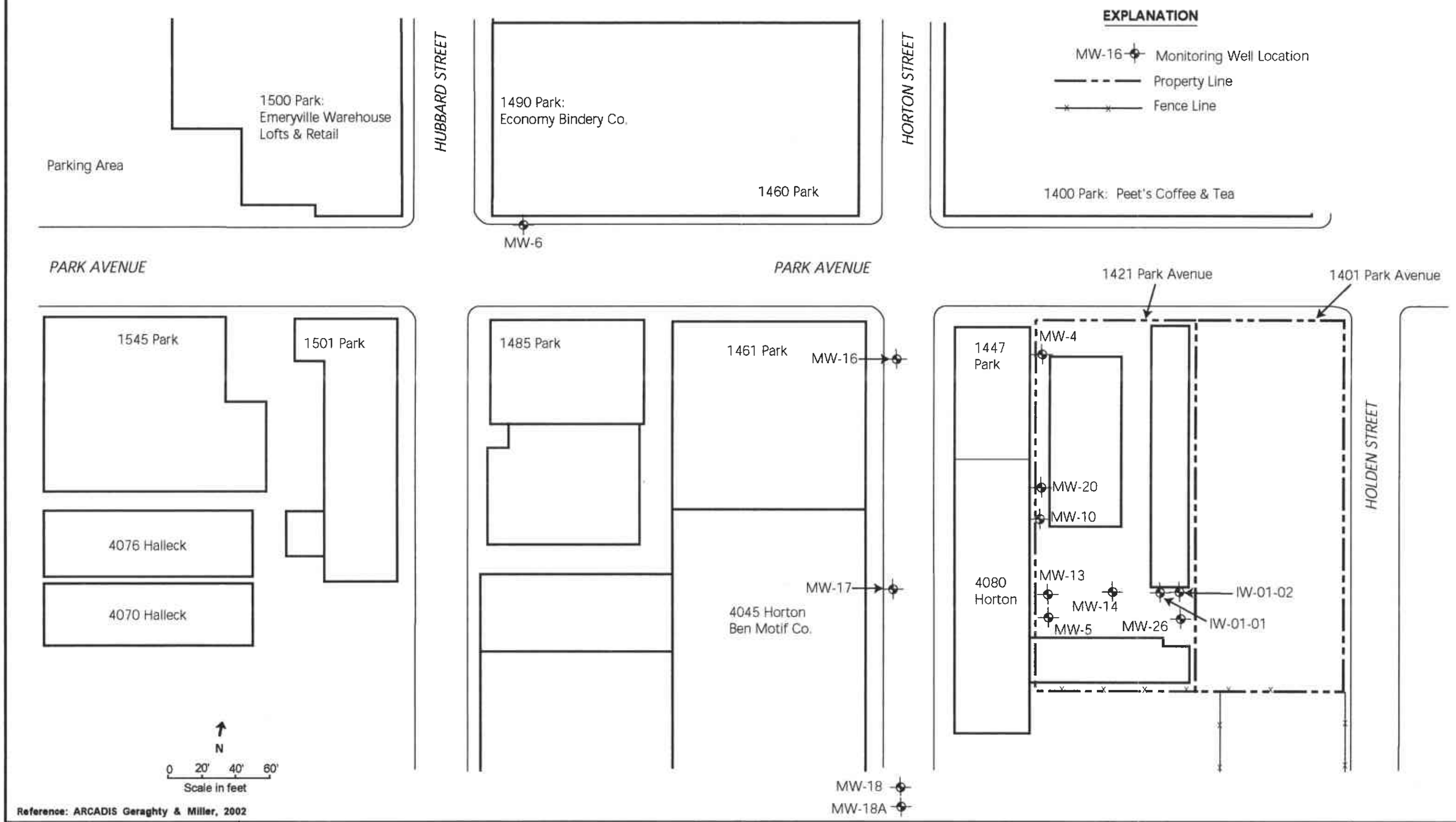
(a) Laboratory reports reporting limit has been raised due to the foamy nature of the sample.
(b) Chloroform detected at 30 µg/L and Bromodichloromethane detected at 1.2 µg/L.
(c) Chlorobenzene detected at 19 µg/L, 1,4-dichlorobenzene detected at 1.4 µg/L, 1,2-dichlorobenzene detected at 7.2 µg/L.
(d) Chloroethane detected at 29 µg/L.
(e) Chloroethane detected at 5.7 µg/L.
(f) Chloroethane detected in June 2003 as follows: 1.1 µg/L in Well MW-5, 8.3 µg/L in Well IW-01-01, 35 µg/L in Well IW-01-02.
(g) Chloroethane detected in December 2003 as follows: 1.2 µg/L in Well MW-26, 6.0 µg/L in Well IW-01-01, 24 µg/L in Well IW-01-02.
(h) Chloroform detected in December 2003 as follows: 41 µg/L in Well MW-6, 2.5 µg/L in Well MW-17.
(i) Chlorobenzene, 1,4-dichlorobenzene, and 1,2 dichlorobenzene were detected in Well MW-17 at concentrations of 2.3 µg/L, 2.4 µg/L, and 14 µg/L, respectively.
(j) Chloroform detected in Well MW-6 at 4.6 µg/L.
(k) Chlorobenzene, 1,4-dichlorobenzene, and 1,2 dichlorobenzene were detected in Well MW-17 at concentrations of 18 µg/L, 1.8 µg/L, and 11 µg/L, respectively.
(l) Chloroethane detected in Well IW-01-01 at 5.9 µg/L.
(m) Chloroethane detected in Well MW-10 at 27 µg/L.

Table 2: Cumulative Groundwater Laboratory Analytical Results
Former Electro-Coatings, Inc. Facility
1421 Park Avenue, Emeryville, California.

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	cDCE (µg/L)	tDCE (µg/L)	1,1-DCE (µg/L)	VC (µg/L)	1,1,1-TCA (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Total Chromium (µg/L)	Hexavalent Chromium (µg/L)	TOC (mg/L)
(n)	Chloroethane detected in Well MW-10 at 85 µg/L.															
(o)	1,2 Dichlorobenzene detected in Well MW-4 at 5.5 µg/L.															
(p)	Chloroethane detected in Well IW-01-02 at 21 µg/L.															
(q)	Chloroethane detected in Well MW-10 at 16 µg/L.															
(r)	Chlorobenzene, 1,4-dichlorobenzene, and 1,2 dichlorobenzene were detected in Well MW-17 at concentrations of 23 µg/L, 2.1 µg/L, and 8.9 µg/L, respectively.															
(s)	Chloroform detected in Well MW-6 at 1.9 µg/L.															
(t)	Chlorobenzene, 1,4-dichlorobenzene, and 1,2 dichlorobenzene were detected in Well MW-17 at concentrations of 21 µg/L, 1.7 µg/L, and 11 µg/L, respectively.															
(u)	Chlorobenzene, 1,4-dichlorobenzene, and 1,2 dichlorobenzene were detected in Well MW-17 at concentrations of 23 µg/L, 1.9 µg/L, and 10.0 µg/L, respectively.															
(v)	Well not found after December 2005 monitoring event.															

1,1-DCA	1,1-dichloroethane	cDCE	cis-1,2-dichloroethene	<	Not detected at or above the laboratory method detection limit as noted.
1,2-DCA	1,2-dichloroethane	tDCE	trans-1,2-dichloroethene	TB-LB	trip blank-laboratory blank
1,1-DCE	1,1-dichloroethene			mg/L	milligrams per liter
MC	methylene chloride, laboratory reports Oct. 99 detections as suspected laboratory contaminant			µg/L	micrograms per liter
PCE	tetrachloroethylene			---	not sampled, not analyzed, and/or not available
TCA	1,1,1-trichloroethane			si	screened interval
TCE	trichloroethylene				
TOC	total organic carbon				
VC	vinyl choride (chloroethylene)				

Data from August 1977 through July 1994 taken from groundwater monitoring reports by American Environmental Management Corporation (January 27, 1992, and October 28, 1994).
Beginning April 20, 1995, laboratory analyses performed by Sequoia Analytical (Walnut Creek and Redwood City, California).
Beginning February 12, 2001, laboratory analyses performed by Curtis & Tompkins Ltd., (Berkeley, California).
Methane, ethane, and ethene analyses performed by Microseeps (Pittsburgh, Pennsylvania).



Reference: ARCADIS Geraghty & Miller, 2002

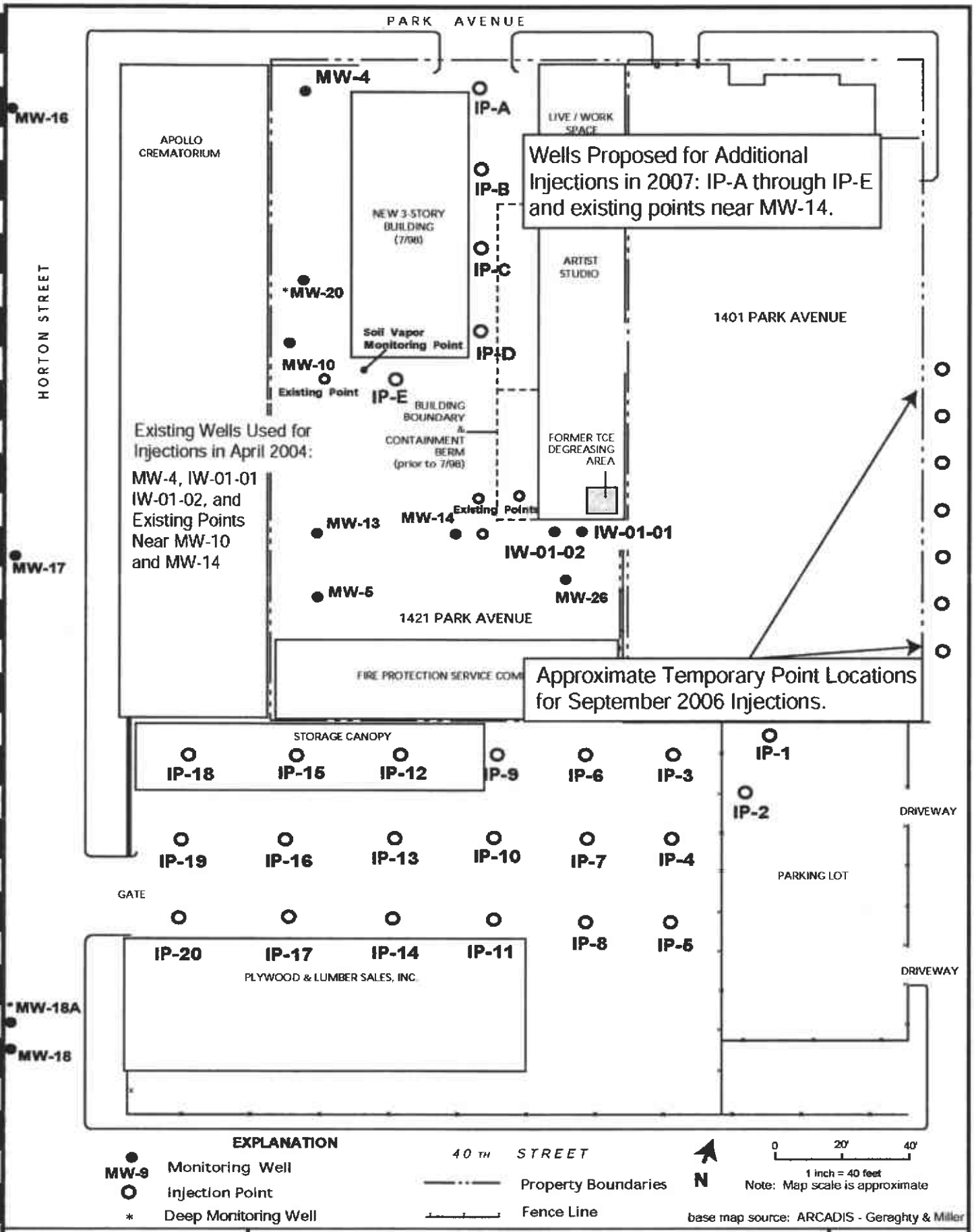
Tamalpais Environmental Consultants

Site Plan

Former Electro-Coatings, Inc. Facility
1421 Park Avenue
Emeryville, California

FIGURE

1



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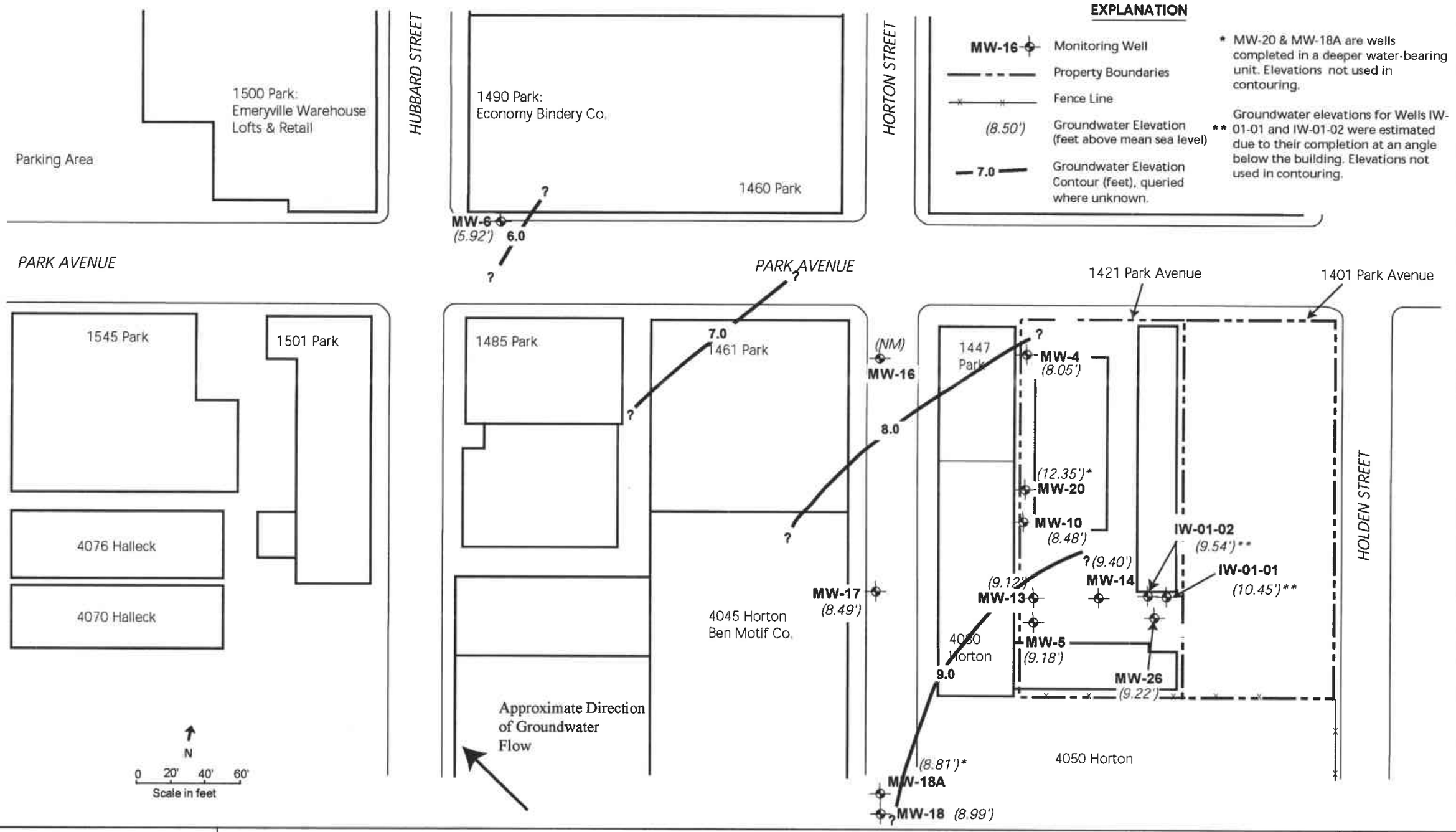
Injection Point Locations

1421 Park Ave. and 4050 Horton Street
Emeryville, CA

FIGURE

2



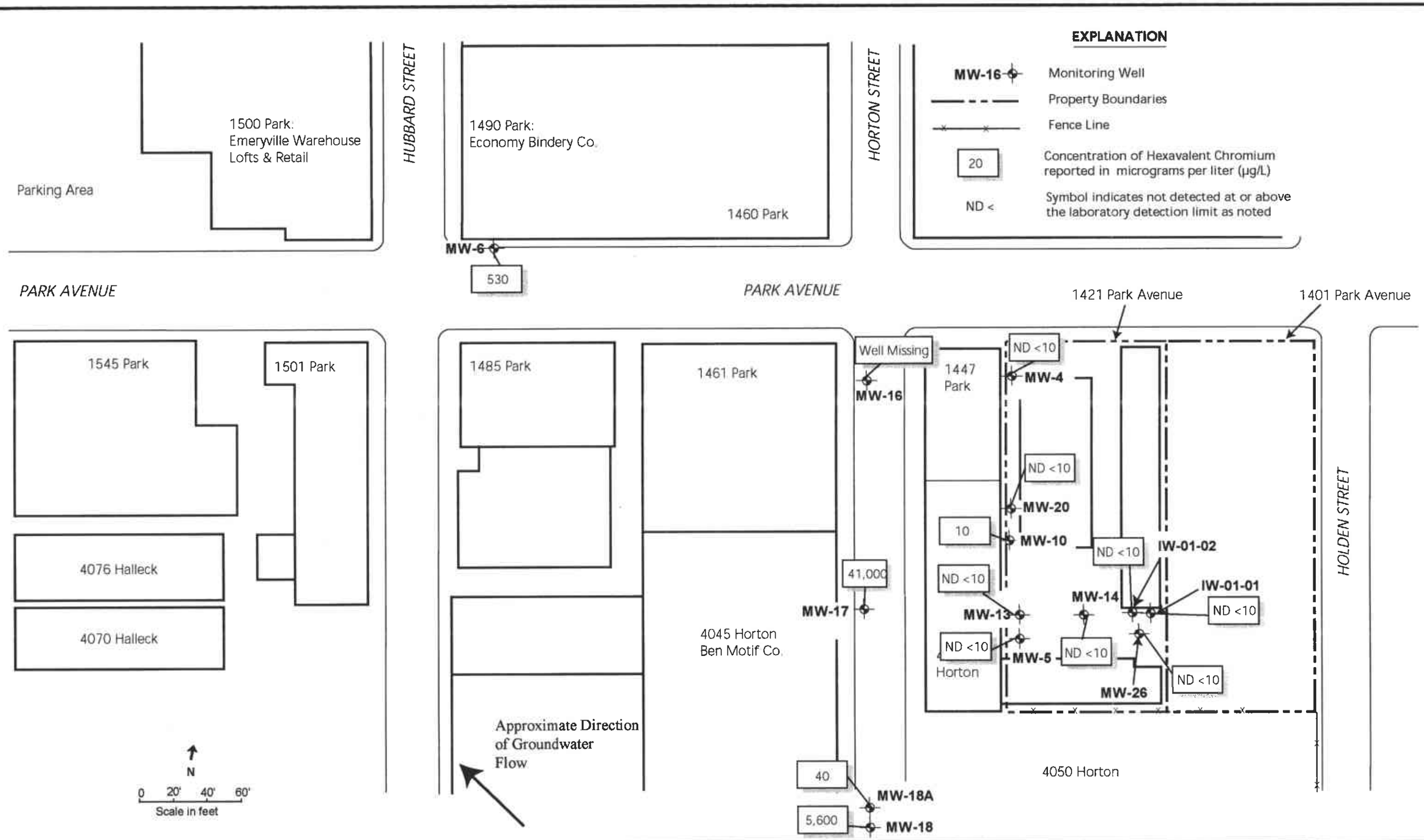
Tamalpais Environmental Consultants

Groundwater Elevations and Contours (December 2006)

Former Electro-Coatings, Inc. Facility
1421 Park Avenue
Emeryville, California

FIGURE

3



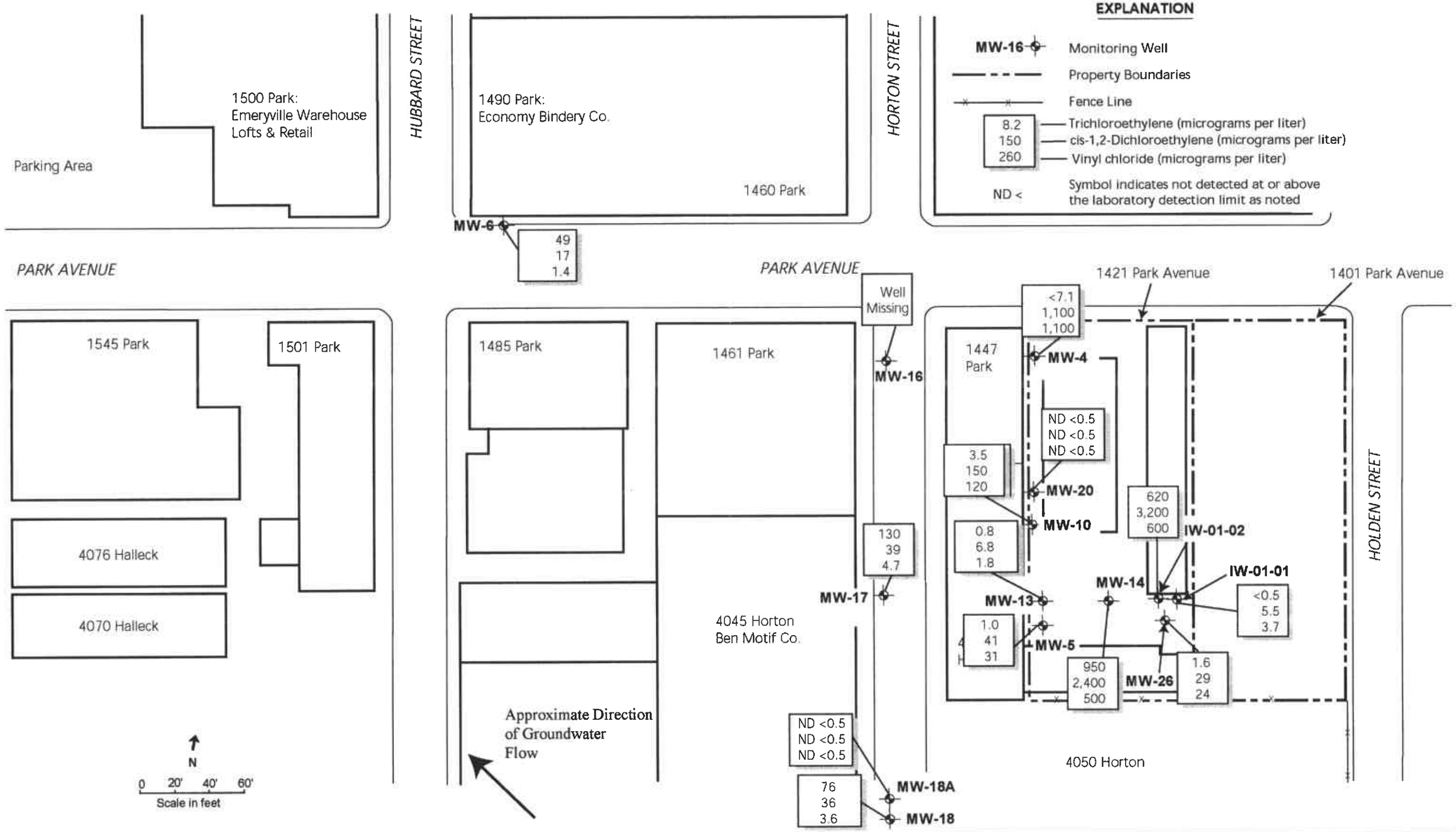
Tamalpais Environmental Consultants

Concentrations of Hexavalent Chromium in Groundwater (December 2006)

Former Electro-Coatings, Inc. Facility
1421 Park Avenue
Emeryville, California

FIGURE

4



Tamalpais Environmental Consultants

Concentrations of Trichloroethylene, cis-1,2-Dichloroethylene, and Vinyl Chloride in Groundwater (December 2006)

Former Electro-Coatings, Inc. Facility
1421 Park Avenue
Emeryville, California

FIGURE

5

Appendix 1 Field Sampling Logs

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECL
Project #:
Date: 10-14-06
Well #: MW 4

Depth to Groundwater: 6.88
Depth to Bottom: 19.78
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
10:02	0.5	62.9	1.09	7.45	-117	2.0
10:03	1.0	62.9	1.09	7.14	-129	1.4
10:04	1.5	62.9	1.09	7.04	-137	1.0

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECL
Project #:
Date: 6-13-06
Well #: MW 5

Depth to Groundwater: 7.09
Depth to Bottom: 14.70
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
9:28	0.5	63.5	1.21	7.11	-62	3.8
9:29	1.0	63.5	1.24	7.04	-61	2.9
9:30	1.5	63.4	1.25	6.89	-65	1.6

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECI
Project #:
Date: 6-13-06
Well #: MW 6

Depth to Groundwater: 3.65
Depth to Bottom: 13.28
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
11:41	0.5	66.4	0.88	7.47	6	3.1
11:42	1.0	66.2	0.85	7.39	8	1.7
11:43	1.5	66.1	0.85	7.25	8	1.4

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECL
Project #:
Date: 6-13-06
Well #: MW 10

Depth to Groundwater: 7.48
Depth to Bottom: 23.95
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
8:14	1	64.8	1.70	7.20	54	6.1
8:16	2	64.8	1.67	7.00	-29	4.6
8:18	3	64.7	1.66	6.74	-54	4.6

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECI
Project #:
Date: 6-13-06
Well #: MW 13

Depth to Groundwater: 7.27
Depth to Bottom: 15.30
Casing Diameter: 5
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
09:59	1	65.1	0.84	7.22	-24	3.4
10:01	2	64.9	0.85	7.11	-22	1.7
10:03	3	64.8	0.83	7.07	-22	1.3

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECL
Project #:
Date: 6-13-06
Well #: MW 14

Depth to Groundwater: 7.17
Depth to Bottom: 25.31
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
10:31	1	65.5	0.18	7.38	-35	2.9
10:33	2	65.4	0.18	7.20	-36	1.0
10:35	3	65.4	0.18	7.04	-39	0.8

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECL
Project #:
Date: 6-13-00
Well #: MW 16

Depth to Groundwater:
Depth to Bottom:
Casing Diameter:
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

BURIED ?

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECL
Project #:
Date: 6-13-06
Well #: MW 17

Depth to Groundwater: 5.25
Depth to Bottom: 24.67
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
12:23	1	66.5	1.26	7.35	25	2.2
12:25	2	65.8	1.27	6.91	31	1.2
12:27	3	65.4	1.27	6.75	37	0.7

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECI
Project #:
Date: 6-14-06
Well #: MW 18

Depth to Groundwater: 5.57
Depth to Bottom: 24.15
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
10:42	1	66.2	1.25	5.13	-1	1.2
10:44	2	66.0	1.26	4.64	22	0.9
10:46	3	65.9	1.27	4.27	45	0.7

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECL
Project #:
Date: 6-13-00
Well #: MW 18A

Depth to Groundwater: 5.03
Depth to Bottom: 25.47
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
11:09	1	60.5	0.58	7.31	-35	3.8
11:11	2	60.3	0.58	7.32	-42	1.2
11:13	3	60.2	0.58	7.32	-39	0.9

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECK
Project #:
Date: 6-13-06
Well #: MW 20

Depth to Groundwater: 2.45
Depth to Bottom: 49.08
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
8:53	1	64.7	0.54	7.52	-35	3.7
8:55	2	64.9	0.54	7.39	-41	1.8
8:57	3	64.9	0.54	7.34	-44	1.4

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECI
Project #:
Date: 6-14-06
Well #: MW 26

Depth to Groundwater: 7.07
Depth to Bottom: 20.95
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
8:05	1	61.8	1.12	7.14	-60	2.9
8:11	2	61.8	1.11	6.95	-71	2.0
8:13	3	61.7	1.11	6.79	-83	1.8

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
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Consultants

Groundwater Sampling Field Log

Project Name: ECL
Project #:
Date: 6-11-06
Well #: MW 01 01

Depth to Groundwater: 7.59
Depth to Bottom: 25.53
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
8:45	1	62.7	2.24	6.76	-131	1.3
8:47	2	63.2	2.33	6.44	-156	2.4
8:49	3	63.1	1.95	6.42	-167	2.5

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: EC
Project #:
Date: 6-14-06
Well #: MW 01 02

Depth to Groundwater: 7.64
Depth to Bottom: 25.31
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO
9:17	1	62.8	1.40	6.54	-143	2.5
9:18	2	62.7	1.39	6.51	-158	2.9
9:20	3	62.7	1.38	6.51	-164	3.0

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
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Consultants

Groundwater Sampling Field Log

Project Name: ECL - EM1
Project #:
Date: 12-19-06
Well #: MW 4

Depth to Groundwater: 6.74
Depth to Bottom: 19.89
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
9:42	1	61.8	1.06	6.75	-89	1.4	7.7
9:46	2	63.0	1.06	6.68	-124	0.5	7.7
9:50	3	63.7	1.08	6.62	-172	0.3	7.7
9:54	4	63.9	1.08	6.59	-195	0.3	7.8
9:59	5	64.0	1.08	6.58	-212	0.2	7.8

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
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Groundwater Sampling Field Log

Project Name: EKI-EPA
Project #: _____
Date: 12-18-06
Well #: MW 5

Depth to Groundwater: 6.72
Depth to Bottom: 14.73
Casing Diameter: 2
Screened Interval: _____

Total water column in well: _____
Volume of water/foot: _____
Volume of water in well casing: _____
Type of pump used for Purging: _____

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
12:04	1	62.3	1.15	6.98	-125	2.9	7.8
12:08	2	64.0	1.13	6.72	-155	0.8	7.9
12:11	3	64.4	1.13	6.65	-180	0.5	7.9
12:15	4	64.5	1.13	6.61	-192	0.3	8.0
12:19	5	64.7	1.12	6.59	-204	0.2	

Depth to Water After Sampling: _____

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

_____

_____

_____

_____

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
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Groundwater Sampling Field Log

Project Name: ECL-EM
Project #:
Date: 12-19-08
Well #: MW 6

Depth to Groundwater: 3.32
Depth to Bottom: 13.16
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
8:39	1	62.9	0.92	6.15	116	1.9	4.19
8:43	2	65.2	0.91	6.32	9	1.0	4.0
8:47	3	65.6	0.91	6.45	0	0.7	3.9
8:51	4	65.8	0.91	6.53	-8	0.6	3.9
8:55	5	66.0	0.91	6.59	-11	0.6	3.9
8:58	6	66.0	0.91	6.65	-16	0.5	4.0

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECI-EM
Project #:
Date: 12/10/20
Well #: MW 10

Depth to Groundwater: 6.62
Depth to Bottom: 24.02
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
9:14	1	63.4	1.57	6.17	-22	1.1	8.4
9:17	2		1.55	6.25	-90	0.8	
9:24	3	64.3	1.49	6.31	-117	0.8	9.4
9:33	4	64.1	1.32	6.39	-150	0.9	9.9
9:41	5	63.9	1.24	6.35	-168	0.6	10.5

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECL-EM
Project #:
Date: 12-18-08
Well #: MW 13

Depth to Groundwater: 6.28
Depth to Bottom: 15.2
Casing Diameter: 5
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
11:19	1	65.5	0.80	6.90	-125	0.9	7.1
11:23	2	66.2	0.74	6.84	-133	0.8	7.8
11:27	3	66.4	0.75	6.83	-143	0.7	8.2
11:31	4	66.4	0.77	6.81	-147	0.8	8.7
11:35	5	66.4	0.78	6.79	-148	0.6	9.0

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECI-EIM
Project #:
Date: 12-18-00
Well #: MW 14

Depth to Groundwater: 6.12
Depth to Bottom: 25.32
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
12:49	1	65.4	0.38	6.91	-168	0.6	8.19
12:53	2	66.2	0.37	6.81	-182	0.3	8.8
12:57	3	66.7	0.34	6.70	-195	1.0	10.6
1:01	4	66.9	0.31	6.61	-198	2.7 *	10.9
1:05	5	67.2	0.30	6.50	-198	2.7	11.7
1:09	6	67.1	0.41	6.46	-200	3.1	12.3
1:13	7	67.0	0.44	6.43	-201	3.1	

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

* WHEN METER SHUT OFF

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECL - EPA
Project #:
Date: 12-18-00
Well #: 17

Depth to Groundwater: 4.27
Depth to Bottom: 24.74
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
1:51	1	64.5	1.27	6.58	-123	0.5	
1:55	2	65.3	1.25	6.53	-122	0.2	5.48
1:59	3	65.6	1.13	6.57	-127	0.8	5.52
2:03	4	65.7	1.14	6.58	-126	1.3	5.63
2:06	5	65.7	1.16	6.58	-124	1.1	5.76

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

*

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECI - EM
Project #:
Date: 12-18-06
Well #: MW 18

Depth to Groundwater: 4.37
Depth to Bottom: 25.53
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
3:17	1	65.1	1.25	4.80	-079	0.9	5.95
3:21	2	66.0	1.27	4.09	-080	0.5	6.6
3:25	3	66.5	1.26	3.95	-067	0.3	7.03
3:28	4	66.6	1.23	3.91	-054	* 0.8	7.4
3:32	5	66.5	1.19	3.95	-049	1.1	7.55

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

*

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
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Consultants

Groundwater Sampling Field Log

Project Name: ECI - EM
Project #:
Date: 12-18-00
Well #: MW 18A

Depth to Groundwater: 4.78
Depth to Bottom: 41.33
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
2:36	1	63.5	0.56	7.63	-116	1.6	5.7
2:40	2	64.5	0.56	7.53	-120	0.3	6.1
2:44	3	65.0	0.56	7.49	-128	0.2	6.4
2:48	4	65.2	0.56	7.46	-134	0.4	6.6
	5	65.2	0.56	7.44	-135	0.2	6.8

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECL ETC
Project #:
Date: 12-18-06
Well #: TMW 20

Depth to Groundwater: 2.58
Depth to Bottom: 19.15
Casing Diameter: 4
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
10:30	1	62.6	0.54	7.01	-144	0.9	3.2
10:34	2	64.0	0.53	6.88	-159	0.5	3.53
10:38	3	64.1	0.52	6.81	-167	0.3	3.72
10:43	4	64.6	0.53	6.76	-174	0.4	3.8
10:48	5	64.7	0.52	6.73	-179	0.2	4.14

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECI-EPL
Project #:
Date: 12-19-06
Well #: MW 26

Depth to Groundwater: 8.85
Depth to Bottom: 20.99
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
10:52	1	62.0	1.01	6.90	-145	1.6	7.31
10:56	2	62.8	1.01	6.71	-169	1.7	7.35
10:59	3	63.1	1.00	6.67	-180	1.7	7.45
11:03	4	63.2	1.00	6.63	-190	* 0.5	7.45
11:07	5	63.2	1.00	6.61	-197	0.2	7.58

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

*

* Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais
Environmental
Consultants

Groundwater Sampling Field Log

Project Name: ECL-EM
Project #:
Date: 12-19-06
Well #: MW 01 01

Depth to Groundwater: 8.86
Depth to Bottom: 25.74
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
11:44	1	63.0	1.81	6.52	-189	0.9	7.39
11:48	2	63.7	1.29	6.59	-210	0.2	7.45
11:51	3	64.0	1.29	6.57	-218	0.2	7.45
11:54	4	64.2	1.27	6.55	-223	0.2	7.47
11:58	5	64.2	1.28	6.55	-228	0.1	7.5

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Tamalpais Environmental Consultants

Groundwater Sampling Field Log

Project Name: ECL-EM
Project #:
Date: 12-19-06
Well #: MW-02

Depth to Groundwater: 6.71
Depth to Bottom: 25.49
Casing Diameter: 2
Screened Interval:

Total water column in well:
Volume of water/foot:
Volume of water in well casing:
Type of pump used for Purging:

Time	Volume	Temp.	Spec Cond.	pH	ORP	DO	
12:28	1	63.0	1.20	6.80	-178	0.8	7.3
12:32	2	63.4	1.20	6.67	-200	0.3	7.3
12:35	3	63.6	1.20	6.63	-216	0.2	7.4
12:39	4	63.7	1.20	6.60	-226	0.3	7.4
12:43	5	63.8	1.19	6.60	-232	0.1	7.4

Depth to Water After Sampling:

Additional Notes: (well purged dry, pumping rate, samples taken for analyses)

Capacity of Well/Foot: 2" diameter well: 0.16 gallons/foot 4" diameter well: 0.65 gallons/foot

Appendix 2 Laboratory Analytical Reports

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Tamalpais Environmental Consultants
32 Hill Ave.
Fairfax, CA 94930

Date: 27-JUN-06
Lab Job Number: 187411
Project ID: STANDARD
Location: Emery

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 signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

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NELAP # 01107CA

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
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CHAIN OF CUSTODY

C & T LOGIN #: 187411

Sampler: BOB HALLET

Report To: AARON O'BRIEN

Company: TAMALPAIS ENVIRO

Telephone: (415) 302-4459

Fax: (415) 785-4001

Project No.: ECI

Project Name: EMERY

Project P.O.:

Turnaround Time: NORMAL

Analysis: TOTAL CR | HEX CR | VOC (8260)/EDB

Lab No.	Sample ID.	Sampling Date Time	Soil	Water	Waste		# of Containers	HCL	H_2SO_4	HNO_3	ICE		TOTAL CR	HEX CR	VOC (8260)/EDB
-1	MW 10	6-13 8:20		X			5	X		X	X		X	X	X
-2	MW 20	6-13 8:55		X			5	X		X	X		X	X	X
-3	MW 5	6-13 9:30		X			5	X		X	X		X	X	X
-4	MW 13	6-13 10:05		X			5	X		X	X		X	X	X
-5	MW 14	6-13 10:35		X			5	X		X	X		X	X	X
-6	MW 18A	6-13 11:10		X			5	X		X	X		X	X	X
-7	MW 6	6-13 11:45		X			5	X		X	X		X	X	X
-8	MW 17	6-13 12:30		X			5	X		X	X		X	X	X
	TRIP BLANK			X			1	X			X				X

Notes: HEX CR SHORT HOLD TIME

SAMPLE RECEIPT
- [x] Intact
- [ ] Cold
- [x] On Ice
- [ ] Ambient

Preservative Correct?
- [x] Yes
- [ ] No
- [ ] N/A

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
Bob Hallet	6-13-06 1:27	[signature]	6-13-06 1:28 p.m.

SIGNATURE

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 10	Units:	ug/L
Lab ID:	187411-001	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chloromethane	ND	1.0	1.000	114406	06/14/06
Vinyl Chloride	320	3.1	6.250	114444	06/15/06
Bromomethane	ND	1.0	1.000	114406	06/14/06
Chloroethane	30	1.0	1.000	114406	06/14/06
Trichlorofluoromethane	ND	1.0	1.000	114406	06/14/06
Freon 113	ND	0.5	1.000	114406	06/14/06
1,1-Dichloroethene	4.0	0.5	1.000	114406	06/14/06
Methylene Chloride	ND	20	1.000	114406	06/14/06
trans-1,2-Dichloroethene	2.4	0.5	1.000	114406	06/14/06
1,1-Dichloroethane	96	3.1	6.250	114444	06/15/06
cis-1,2-Dichloroethene	290	3.1	6.250	114444	06/15/06
Chloroform	ND	1.0	1.000	114406	06/14/06
1,1,1-Trichloroethane	ND	0.5	1.000	114406	06/14/06
Carbon Tetrachloride	ND	0.5	1.000	114406	06/14/06
1,2-Dichloroethane	3.5	0.5	1.000	114406	06/14/06
Trichloroethene	3.8	0.5	1.000	114406	06/14/06
1,2-Dichloropropane	ND	0.5	1.000	114406	06/14/06
Bromodichloromethane	ND	0.5	1.000	114406	06/14/06
cis-1,3-Dichloropropene	ND	0.5	1.000	114406	06/14/06
trans-1,3-Dichloropropene	ND	0.5	1.000	114406	06/14/06
1,1,2-Trichloroethane	ND	0.5	1.000	114406	06/14/06
Tetrachloroethene	ND	0.5	1.000	114406	06/14/06
Dibromochloromethane	ND	0.5	1.000	114406	06/14/06
Chlorobenzene	ND	0.5	1.000	114406	06/14/06
Bromoform	ND	0.5	1.000	114406	06/14/06
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	114406	06/14/06
1,3-Dichlorobenzene	ND	0.5	1.000	114406	06/14/06
1,4-Dichlorobenzene	ND	0.5	1.000	114406	06/14/06
1,2-Dichlorobenzene	ND	0.5	1.000	114406	06/14/06

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
1,2-Dichloroethane-d4	98	80-130	1.000	114406	06/14/06
Toluene-d8	102	80-120	1.000	114406	06/14/06
Bromofluorobenzene	111	80-122	1.000	114406	06/14/06

ND= Not Detected
RL= Reporting Limit

4.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 20	Batch#:	114406
Lab ID:	187411-002	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	109	80-122

ND = Not Detected
RL = Reporting Limit

5.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 5	Batch#:	114406
Lab ID:	187411-003	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	28	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	7.4	0.5
1,1-Dichloroethane	6.5	0.5
cis-1,2-Dichloroethene	56	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	1.5	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	114	80-122

ND = Not Detected
RL = Reporting Limit

6.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 13	Batch#:	114406
Lab ID:	187411-004	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	1.0	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	5.6	0.5
cis-1,2-Dichloroethene	2.7	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	1.7	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	1.1	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	96	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	110	80-122

ND Not Detected
RL Reporting Limit

7.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 14	Batch#:	114406
Lab ID:	187411-005	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	6.250		

Analyte	Result	RL
Chloromethane	ND	6.3
Vinyl Chloride	150	3.1
Bromomethane	ND	6.3
Chloroethane	ND	6.3
Trichlorofluoromethane	ND	6.3
Freon 113	ND	3.1
1,1-Dichloroethene	ND	3.1
Methylene Chloride	ND	130
trans-1,2-Dichloroethene	ND	3.1
1,1-Dichloroethane	ND	3.1
cis-1,2-Dichloroethene	350	3.1
Chloroform	ND	6.3
1,1,1-Trichloroethane	ND	3.1
Carbon Tetrachloride	ND	3.1
1,2-Dichloroethane	ND	3.1
Trichloroethene	39	3.1
1,2-Dichloropropane	ND	3.1
Bromodichloromethane	ND	3.1
cis-1,3-Dichloropropene	ND	3.1
trans-1,3-Dichloropropene	ND	3.1
1,1,2-Trichloroethane	ND	3.1
Tetrachloroethene	ND	3.1
Dibromochloromethane	ND	3.1
Chlorobenzene	ND	3.1
Bromoform	ND	3.1
1,1,2,2-Tetrachloroethane	ND	3.1
1,3-Dichlorobenzene	ND	3.1
1,4-Dichlorobenzene	ND	3.1
1,2-Dichlorobenzene	ND	3.1

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-122

ND = Not Detected
RL = Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 18A	Batch#:	114406
Lab ID:	187411-006	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	101	80-122

ND = Not Detected
RL = Reporting Limit

9.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 6	Batch#:	114406
Lab ID:	187411-007	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	1.0	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	1.0	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	4.7	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	13	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	49	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	9.4	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	107	80-122

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 17	Batch#:	114406
Lab ID:	187411-008	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	3.333		

Analyte	Result	RL
Chloromethane	ND	3.3
Vinyl Chloride	7.6	1.7
Bromomethane	ND	3.3
Chloroethane	ND	3.3
Trichlorofluoromethane	ND	3.3
Freon 113	ND	1.7
1,1-Dichloroethene	9.0	1.7
Methylene Chloride	ND	67
trans-1,2-Dichloroethene	12	1.7
1,1-Dichloroethane	1.8	1.7
cis-1,2-Dichloroethene	51	1.7
Chloroform	ND	3.3
1,1,1-Trichloroethane	ND	1.7
Carbon Tetrachloride	ND	1.7
1,2-Dichloroethane	ND	1.7
Trichloroethene	190	1.7
1,2-Dichloropropane	ND	1.7
Bromodichloromethane	ND	1.7
cis-1,3-Dichloropropene	ND	1.7
trans-1,3-Dichloropropene	ND	1.7
1,1,2-Trichloroethane	ND	1.7
Tetrachloroethene	6.6	1.7
Dibromochloromethane	ND	1.7
Chlorobenzene	18	1.7
Bromoform	ND	1.7
1,1,2,2-Tetrachloroethane	ND	1.7
1,3-Dichlorobenzene	ND	1.7
1,4-Dichlorobenzene	ND	1.7
1,2-Dichlorobenzene	11	1.7

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	105	80-122

ND = Not Detected
RL = Reporting Limit

11.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	TRIP BLANK	Batch#:	114406
Lab ID:	187411-009	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	107	80-122

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC343943	Batch#:	114406
Matrix:	Water	Analyzed:	06/14/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	100	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC344095	Batch#:	114444
Matrix:	Water	Analyzed:	06/15/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-122

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC343942	Batch#:	114406
Matrix:	Water	Analyzed:	06/14/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	27.33	109	77-128
Trichloroethene	25.00	27.70	111	80-120
Chlorobenzene	25.00	26.85	107	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	111	80-122

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC344094	Batch#:	114444
Matrix:	Water	Analyzed:	06/15/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	27.55	110	77-128
Trichloroethene	25.00	26.47	106	80-120
Chlorobenzene	25.00	25.23	101	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	104	80-120
Bromofluorobenzene	105	80-122

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	114406
MSS Lab ID:	187401-004	Sampled:	06/12/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	1.000		

Type: MS Lab ID: QC343944

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.1080	25.00	29.16	117	77-129
Trichloroethene	<0.08559	25.00	27.75	111	77-123
Chlorobenzene	<0.07490	25.00	26.01	104	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	105	80-120
Bromofluorobenzene	112	80-122

Type: MSD Lab ID: QC343945

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	29.40	118	77-129	1	20
Trichloroethene	25.00	27.04	108	77-123	3	20
Chlorobenzene	25.00	25.49	102	80-120	2	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	104	80-120
Bromofluorobenzene	114	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	114444
MSS Lab ID:	187293-006	Sampled:	06/07/06
Matrix:	Water	Received:	06/07/06
Units:	ug/L	Analyzed:	06/15/06
Diln Fac:	1.000		

Type: MS Lab ID: QC344141

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.1080	25.00	28.99	116	77-129
Trichloroethene	<0.08559	25.00	27.28	109	77-123
Chlorobenzene	<0.07490	25.00	25.38	102	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	105	80-120
Bromofluorobenzene	117	80-122

Type: MSD Lab ID: QC344142

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	28.73	115	77-129	1	20
Trichloroethene	25.00	26.98	108	77-123	1	20
Chlorobenzene	25.00	25.03	100	80-120	1	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	104	80-120
Bromofluorobenzene	117	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Chromium

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Chromium	Sampled:	06/13/06
Matrix:	Water	Received:	06/13/06
Units:	ug/L	Prepared:	06/14/06
Batch#:	114393		

Field ID	Type	Lab ID	Result	RL	Dil'n Fac	Analyzed
MW 10	SAMPLE	187411-001	72	10	1.000	06/14/06
MW 20	SAMPLE	187411-002	ND	10	1.000	06/14/06
MW 5	SAMPLE	187411-003	21	10	1.000	06/14/06
MW 13	SAMPLE	187411-004	41	10	1.000	06/14/06
MW 14	SAMPLE	187411-005	19	10	1.000	06/14/06
MW 18A	SAMPLE	187411-006	ND	10	1.000	06/14/06
MW 6	SAMPLE	187411-007	710	10	1.000	06/14/06
MW 17	SAMPLE	187411-008	63,000	50	10.00	06/28/06
	BLANK	QC343874	ND	10	1.000	06/14/06

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Chromium

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Chromium	Batch#:	114393
Field ID:	ZZZZZZZZZZ	Sampled:	06/13/06
MSS Lab ID:	187413-001	Received:	06/13/06
Matrix:	Water	Prepared:	06/14/06
Units:	ug/L	Analyzed:	06/14/06
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC343875		200.0	201.3	101	80-120		
BSD	QC343876		200.0	198.4	99	80-120	1	20
MS	QC343877	<0.5564	200.0	197.7	99	80-120		
MSD	QC343878		200.0	201.7	101	80-120	2	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**187411**
Client:	**Tamalpais Environmental Consultants**
Location:	**Emery**
Request Date:	06/13/06
Samples Received:	06/13/06

This hardcopy data package contains sample and QC results for nine water samples, requested for the above referenced project on 06/13/06. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Hexavalent Chromium (EPA 7196A):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.

Hexavalent Chromium

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Batch#:	114405
Matrix:	Water	Received:	06/13/06
Units:	mg/L	Analyzed:	06/14/06 08:15

Field ID	Type	Lab ID	Result	RL	Dil'n Fac	Sampled
MW 10	SAMPLE	187411-001	ND	0.01	1.000	06/13/06 08:20
MW 20	SAMPLE	187411-002	0.01	0.01	1.000	06/13/06 08:55
MW 5	SAMPLE	187411-003	ND	0.01	1.000	06/13/06 09:30
MW 13	SAMPLE	187411-004	ND	0.01	1.000	06/13/06 10:05
MW 14	SAMPLE	187411-005	ND	0.01	1.000	06/13/06 10:35
MW 18A	SAMPLE	187411-006	ND	0.01	1.000	06/13/06 11:10
MW 6	SAMPLE	187411-007	0.64	0.01	1.000	06/13/06 11:45
MW 17	SAMPLE	187411-008	61	1.0	100.0	06/13/06 12:30
	BLANK	QC343938	ND	0.01	1.000	

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.

Batch QC Report

Hexavalent Chromium

Lab #:	187411	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Batch#:	114405
Field ID:	ZZZZZZZZZZ	Sampled:	06/13/06 14:50
MSS Lab ID:	187414-007	Received:	06/13/06
Matrix:	Water	Analyzed:	06/14/06 08:15
Units:	mg/L		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Dil'n Fac
LCS	QC343939		0.8420	0.8634	103	90-110			1.000
MS	QC343940	0.8058	0.8420	1.727	109	85-115			2.000
MSD	QC343941		0.8420	1.704	107	85-115	1	20	2.000

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Tamalpais Environmental Consultants
32 Hill Ave.
Fairfax, CA 94930

Date: 28-JUN-06
Lab Job Number: 187422
Project ID: STANDARD
Location: Emery

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 signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

This package may be reproduced only in its entirety.

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	187422
Client:	**Tamalpais Environmental Consultants**
Location:	**Emery**
Request Date:	06/14/06
Samples Received:	06/14/06

This hardcopy data package contains sample and QC results for five water samples, requested for the above referenced project on 06/14/06. The samples were received on ice and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Hexavalent Chromium (EPA 7196A):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 187422

Sampler: BOB HALLER
Report To: AARON O'BRIEN
Company: TAMALPAIS ENVIRON
Telephone: (415) 302-4459
Fax: (415) 785-4001

Project No.: ECI
Project Name: EMERY
Project P.O.:
Turnaround Time: NORMAL

Analysis

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste		# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE		TOTAL CR	HEX CR	VOC (8260/8010)
-1	MW 26	6-14 8:15		X			5	X		X	X		X	X	X
-2	IW 01 01	6-14 8:50		X			5	X		X	X		X	X	X
-3	IW 01 02	6-14 9:25		X			5	X		X	X		X	X	X
-4	MW 4	6-14 10:05		X			5	X		X	X		X	X	X
-5	MW 18	6-14 10:50		X			5	X		X	X		X	X	X

Notes: HEX CR SHORT HOLD TIME

* 3 of 5 labels = OW 01 01 JAW 6-14-06

SAMPLE RECEIPT
[X] Intact [ ] Cold
[X] On Ice [ ] Ambient

Preservative Correct?
[X] Yes [ ] No [ ] N/A

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
Bob Haller	6-14 12:41	Lavanne Ayis	6/14/06 11:40

SIGNATURE

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 26	Batch#:	114495
Lab ID:	187422-001	Sampled:	06/14/06
Matrix:	Water	Received:	06/14/06
Units:	ug/L	Analyzed:	06/16/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	24	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	11	0.5
1,1-Dichloroethane	2.1	0.5
cis-1,2-Dichloroethene	46	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	1.5	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	111	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	95	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	IW 01 01	Batch#:	114495
Lab ID:	187422-002	Sampled:	06/14/06
Matrix:	Water	Received:	06/14/06
Units:	ug/L	Analyzed:	06/16/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	4.4	0.5
Bromomethane	ND	1.0
Chloroethane	3.3	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	3.5	0.5
1,1-Dichloroethane	2.2	0.5
cis-1,2-Dichloroethene	2.9	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	110	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	99	80-122

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	IW 01 02	Batch#:	114520
Lab ID:	187422-003	Sampled:	06/14/06
Matrix:	Water	Received:	06/14/06
Units:	ug/L	Analyzed:	06/19/06
Diln Fac:	25.00		

Analyte	Result	RL
Chloromethane	ND	25
Vinyl Chloride	410	13
Bromomethane	ND	25
Chloroethane	ND	25
Trichlorofluoromethane	ND	25
Freon 113	ND	13
1,1-Dichloroethene	110	13
Methylene Chloride	ND	500
trans-1,2-Dichloroethene	41	13
1,1-Dichloroethane	38	13
cis-1,2-Dichloroethene	1,600	13
Chloroform	ND	25
1,1,1-Trichloroethane	25	13
Carbon Tetrachloride	ND	13
1,2-Dichloroethane	ND	13
Trichloroethene	280	13
1,2-Dichloropropane	ND	13
Bromodichloromethane	ND	13
cis-1,3-Dichloropropene	ND	13
trans-1,3-Dichloropropene	ND	13
1,1,2-Trichloroethane	ND	13
Tetrachloroethene	ND	13
Dibromochloromethane	ND	13
Chlorobenzene	ND	13
Bromoform	ND	13
1,1,2,2-Tetrachloroethane	ND	13
1,3-Dichlorobenzene	ND	13
1,4-Dichlorobenzene	ND	13
1,2-Dichlorobenzene	ND	13

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	107	80-130
Toluene-d8	105	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 4	Batch#:	114470
Lab ID:	187422-004	Sampled:	06/14/06
Matrix:	Water	Received:	06/14/06
Units:	ug/L	Analyzed:	06/15/06
Diln Fac:	62.50		

Analyte	Result	RL
Chloromethane	ND	63
Vinyl Chloride	1,800	31
Bromomethane	ND	63
Chloroethane	ND	63
Trichlorofluoromethane	ND	63
Freon 113	ND	31
1,1-Dichloroethene	ND	31
Methylene Chloride	ND	1,300
trans-1,2-Dichloroethene	120	31
1,1-Dichloroethane	ND	31
cis-1,2-Dichloroethene	4,500	31
Chloroform	ND	63
1,1,1-Trichloroethane	ND	31
Carbon Tetrachloride	ND	31
1,2-Dichloroethane	ND	31
Trichloroethene	ND	31
1,2-Dichloropropane	ND	31
Bromodichloromethane	ND	31
cis-1,3-Dichloropropene	ND	31
trans-1,3-Dichloropropene	ND	31
1,1,2-Trichloroethane	ND	31
Tetrachloroethene	ND	31
Dibromochloromethane	ND	31
Chlorobenzene	ND	31
Bromoform	ND	31
1,1,2,2-Tetrachloroethane	ND	31
1,3-Dichlorobenzene	ND	31
1,4-Dichlorobenzene	ND	31
1,2-Dichlorobenzene	ND	31

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	103	80-122

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 18	Batch#:	114470
Lab ID:	187422-005	Sampled:	06/14/06
Matrix:	Water	Received:	06/14/06
Units:	ug/L	Analyzed:	06/15/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	4.7	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	1.5	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	9.0	0.5
1,1-Dichloroethane	2.6	0.5
cis-1,2-Dichloroethene	41	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	3.4	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	0.8	0.5
Trichloroethene	87	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	11	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC344188	Batch#:	114470
Matrix:	Water	Analyzed:	06/15/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC344300	Batch#:	114495
Matrix:	Water	Analyzed:	06/16/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	113	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-122

N = Not Detected
R = Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC344412	Batch#:	114520
Matrix:	Water	Analyzed:	06/19/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	104	80-120
Bromofluorobenzene	101	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	114470
Units:	ug/L	Analyzed:	06/15/06
Diln Fac:	1.000		

Type: BS Lab ID: QC344189

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	22.94	92	77-128
Trichloroethene	25.00	24.60	98	80-120
Chlorobenzene	25.00	24.68	99	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	103	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	98	80-122

Type: BSD Lab ID: QC344190

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	21.46	86	77-128	7	20
Trichloroethene	25.00	23.03	92	80-120	7	20
Chlorobenzene	25.00	23.81	95	80-120	4	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	100	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	114495
Units:	ug/L	Analyzed:	06/16/06
Diln Fac:	1.000		

Type: BS Lab ID: QC344298

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	22.27	89	77-128
Trichloroethene	25.00	23.46	94	80-120
Chlorobenzene	25.00	24.44	98	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	108	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	96	80-122

Type: BSD Lab ID: QC344299

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	22.59	90	77-128	1	20
Trichloroethene	25.00	23.52	94	80-120	0	20
Chlorobenzene	25.00	23.86	95	80-120	2	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	107	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	96	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	114520
Units:	ug/L	Analyzed:	06/19/06
Diln Fac:	1.000		

Type: BS Lab ID: QC344410

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	28.74	115	77-128
Trichloroethene	25.00	27.19	109	80-120
Chlorobenzene	25.00	27.03	108	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	100	80-122

Type: BSD Lab ID: QC344411

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	29.45	118	77-128	2	20
Trichloroethene	25.00	27.04	108	80-120	1	20
Chlorobenzene	25.00	27.37	109	80-120	1	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	99	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Chromium

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Chromium	Sampled:	06/14/06
Matrix:	Water	Received:	06/14/06
Units:	ug/L	Prepared:	06/16/06
Diln Fac:	1.000	Analyzed:	06/16/06
Batch#:	114484		

Field ID	Type	Lab ID	Result	RL
MW 26	SAMPLE	187422-001	35	10
MW 01 01	SAMPLE	187422-002	18	10
MW 01 02	SAMPLE	187422-003	16	10
MW 4	SAMPLE	187422-004	ND	10
MW 18	SAMPLE	187422-005	6,200	10
	BLANK	QC344246	ND	10

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Chromium

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Chromium	Batch#:	114484
Field ID:	ZZZZZZZZZZ	Sampled:	06/15/06
MSS Lab ID:	187469-001	Received:	06/15/06
Matrix:	Water	Prepared:	06/16/06
Units:	ug/L	Analyzed:	06/16/06
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC344247		200.0	199.0	100	80-120		
BSD	QC344248		200.0	193.6	97	80-120	3	20
MS	QC344249	0.6247	200.0	185.9	93	80-120		
MSD	QC344250		200.0	188.2	94	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Hexavalent Chromium

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Batch#:	114436
Matrix:	Water	Received:	06/14/06
Units:	mg/L	Analyzed:	06/15/06 08:10

Field ID	Type	Lab ID	Result	RL	Diln Fac	Sampled
MW 26	SAMPLE	187422-001	ND	0.01	1.000	06/14/06 08:15
IW 01 01	SAMPLE	187422-002	ND	0.01	1.000	06/14/06 08:50
IW 01 02	SAMPLE	187422-003	ND	0.01	1.000	06/14/06 09:25
MW 4	SAMPLE	187422-004	ND	0.01	1.000	06/14/06 10:05
MW 18	SAMPLE	187422-005	6.8	0.10	10.00	06/14/06 10:50
	BLANK	QC344059	ND	0.01	1.000	

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Hexavalent Chromium

Lab #:	187422	Location:	Emery
Client:	Tamalpais Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Diln Fac:	1.000
Field ID:	MW 26	Batch#:	114436
MSS Lab ID:	187422-001	Sampled:	06/14/06 08:15
Matrix:	Water	Received:	06/14/06
Units:	mg/L	Analyzed:	06/15/06 08:10

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
LCS	QC344060		0.8420	0.8749	104	90-110		
MS	QC344061	<0.01000	0.8420	0.8634	103	85-115		
MSD	QC344062		0.8420	0.8634	103	85-115	0	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Tamalpais Environmental Consultants
32 Hill Ave.
Fairfax, CA 94930

Date: 08-JAN-07
Lab Job Number: 191566
Project ID: STANDARD
Location: ECI-EMERY

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 signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

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Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**191566**
Client:	**Tamalpais Environmental Consultants**
Location:	**ECI-EMERY**
Request Date:	**12/18/06**
Samples Received:	**12/18/06**

This hardcopy data package contains sample and QC results for nine water samples, requested for the above referenced project on 12/18/06. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
TRIP BLANK (lab # 191566-009) was analyzed with more than 1 mL of headspace in the VOA vial. TRIP BLANK (lab # 191566-009) had pH greater than 2. No other analytical problems were encountered.

Metals (EPA 6010B):
Low recoveries were observed for chromium in the MS/MSD of MW10 (lab # 191566-001); the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.

Hexavalent Chromium (EPA 7196A):
Low recoveries were observed for hexavalent chromium in the MS/MSD of MW10 (lab # 191566-001); the LCS was within limits, and the associated RPD was within limits. Sample MW18A (191566-007) was run twice for confirmation. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 191566

Sampler: BOB HALLET

Project No.: ECI - EMERY

Report To: AARON O'BRIEN

Project Name:

Company: TAMALPAIS ENV

Project P.O.:

Telephone: 415 302 4459

Turnaround Time: NORMAL

Fax: 415 785 4001

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Analysis: TOT CR	Analysis: HEX CR	Analysis: VOC (8260/8010)
-1	MW 10	12-18 9:55		X		5	X		X	X	X	X	X
-2	MW 20	12-18 10:50		X		5	X		X	X	X	X	X
-3	MW 13	12-18 11:40		X		5	X		X	X	X	X	X
-4	MW 5	12-18 12:25		X		5	X		X	X	X	X	X
-5	MW 14	12-18 1:20		X		5	X		X	X	X	X	X
-6	MW 17	12-18 2:10		X		5	X		X	X	X	X	X
-7	MW 18A	12-18 2:55		X		5	X		X	X	X	X	X
-8	MW 18	12-18 3:35		X		5	X		X	X	X	X	X
-9	TRIP BLANK			X		2	X			X			X

Notes: HEX CR SHORT HOLD TIME

SAMPLE RECEIPT
☒ Intact ☐ Cold
☒ On Ice ☐ Ambient

Preservative Correct?
☐ Yes ☐ No ☐ N/A

SIGNATURE

RELINQUISHED BY:		RECEIVED BY:	
Bob Hallet	DATE / TIME 12-18-06 4:30	Lavanna [signature]	DATE / TIME 12/18/06 4:30
	DATE / TIME		DATE / TIME
	DATE / TIME		DATE / TIME

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW10	Units:	ug/L
Lab ID:	191566-001	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chloromethane	ND	1.0	1.000	120585	12/21/06
Vinyl Chloride	120	1.7	3.333	120635	12/22/06
Bromomethane	ND	1.0	1.000	120585	12/21/06
Chloroethane	23	1.0	1.000	120585	12/21/06
Trichlorofluoromethane	ND	1.0	1.000	120585	12/21/06
Freon 113	ND	0.5	1.000	120585	12/21/06
1,1-Dichloroethene	4.3	0.5	1.000	120585	12/21/06
Methylene Chloride	ND	20	1.000	120585	12/21/06
trans-1,2-Dichloroethene	1.2	0.5	1.000	120585	12/21/06
1,1-Dichloroethane	60	0.5	1.000	120585	12/21/06
cis-1,2-Dichloroethene	150	1.7	3.333	120635	12/22/06
Chloroform	ND	1.0	1.000	120585	12/21/06
1,1,1-Trichloroethane	ND	0.5	1.000	120585	12/21/06
Carbon Tetrachloride	ND	0.5	1.000	120585	12/21/06
1,2-Dichloroethane	2.2	0.5	1.000	120585	12/21/06
Trichloroethene	3.5	0.5	1.000	120585	12/21/06
1,2-Dichloropropane	ND	0.5	1.000	120585	12/21/06
Bromodichloromethane	ND	0.5	1.000	120585	12/21/06
cis-1,3-Dichloropropene	ND	0.5	1.000	120585	12/21/06
trans-1,3-Dichloropropene	ND	0.5	1.000	120585	12/21/06
1,1,2-Trichloroethane	ND	0.5	1.000	120585	12/21/06
Tetrachloroethene	ND	0.5	1.000	120585	12/21/06
Dibromochloromethane	ND	0.5	1.000	120585	12/21/06
Chlorobenzene	ND	0.5	1.000	120585	12/21/06
Bromoform	ND	0.5	1.000	120585	12/21/06
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	120585	12/21/06
1,3-Dichlorobenzene	ND	0.5	1.000	120585	12/21/06
1,4-Dichlorobenzene	ND	0.5	1.000	120585	12/21/06
1,2-Dichlorobenzene	ND	0.5	1.000	120585	12/21/06

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
1,2-Dichloroethane-d4	111	80-130	1.000	120585	12/21/06
Toluene-d8	117	80-120	1.000	120585	12/21/06
Bromofluorobenzene	104	80-122	1.000	120585	12/21/06

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW20	Batch#:	120585
Lab ID:	191566-002	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06
Units:	ug/L	Analyzed:	12/21/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	109	80-130
Toluene-d8	116	80-120
Bromofluorobenzene	103	80-122

D= Not Detected
L= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW13	Batch#:	120585
Lab ID:	191566-003	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06
Units:	ug/L	Analyzed:	12/21/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	1.8	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	0.5	0.5
1,1-Dichloroethane	4.8	0.5
cis-1,2-Dichloroethene	6.8	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	4.4	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	0.8	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	107	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW5	Batch#:	120585
Lab ID:	191566-004	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06
Units:	ug/L	Analyzed:	12/21/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	31	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	6.5	0.5
1,1-Dichloroethane	4.6	0.5
cis-1,2-Dichloroethene	41	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	1.0	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	109	80-130
Toluene-d8	115	80-120
Bromofluorobenzene	104	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW14	Units:	ug/L
Lab ID:	191566-005	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chloromethane	ND	10	10.00	120635	12/22/06
Vinyl Chloride	500	5.0	10.00	120635	12/22/06
Bromomethane	ND	10	10.00	120635	12/22/06
Chloroethane	ND	10	10.00	120635	12/22/06
Trichlorofluoromethane	ND	10	10.00	120635	12/22/06
Freon 113	ND	5.0	10.00	120635	12/22/06
1,1-Dichloroethene	24	5.0	10.00	120635	12/22/06
Methylene Chloride	ND	200	10.00	120635	12/22/06
trans-1,2-Dichloroethene	17	5.0	10.00	120635	12/22/06
1,1-Dichloroethane	ND	5.0	10.00	120635	12/22/06
cis-1,2-Dichloroethene	2,400	20	40.00	120710	12/27/06
Chloroform	ND	10	10.00	120635	12/22/06
1,1,1-Trichloroethane	ND	5.0	10.00	120635	12/22/06
Carbon Tetrachloride	ND	5.0	10.00	120635	12/22/06
1,2-Dichloroethane	ND	5.0	10.00	120635	12/22/06
Trichloroethene	950	20	40.00	120710	12/27/06
1,2-Dichloropropane	ND	5.0	10.00	120635	12/22/06
Bromodichloromethane	ND	5.0	10.00	120635	12/22/06
cis-1,3-Dichloropropene	ND	5.0	10.00	120635	12/22/06
trans-1,3-Dichloropropene	ND	5.0	10.00	120635	12/22/06
1,1,2-Trichloroethane	ND	5.0	10.00	120635	12/22/06
Tetrachloroethene	ND	5.0	10.00	120635	12/22/06
Dibromochloromethane	ND	5.0	10.00	120635	12/22/06
Chlorobenzene	ND	5.0	10.00	120635	12/22/06
Bromoform	ND	5.0	10.00	120635	12/22/06
1,1,2,2-Tetrachloroethane	ND	5.0	10.00	120635	12/22/06
1,3-Dichlorobenzene	ND	5.0	10.00	120635	12/22/06
1,4-Dichlorobenzene	ND	5.0	10.00	120635	12/22/06
1,2-Dichlorobenzene	ND	5.0	10.00	120635	12/22/06

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
1,2-Dichloroethane-d4	129	80-130	10.00	120635	12/22/06
Toluene-d8	99	80-120	10.00	120635	12/22/06
Bromofluorobenzene	106	80-122	10.00	120635	12/22/06

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW17	Batch#:	120691
Lab ID:	191566-006	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06
Units:	ug/L	Analyzed:	12/27/06
Diln Fac:	2.500		

Analyte	Result	RL
Chloromethane	ND	2.5
Vinyl Chloride	4.7	1.3
Bromomethane	ND	2.5
Chloroethane	ND	2.5
Trichlorofluoromethane	ND	2.5
Freon 113	ND	1.3
1,1-Dichloroethene	7.8	1.3
Methylene Chloride	ND	50
trans-1,2-Dichloroethene	7.7	1.3
1,1-Dichloroethane	2.3	1.3
cis-1,2-Dichloroethene	39	1.3
Chloroform	ND	2.5
1,1,1-Trichloroethane	ND	1.3
Carbon Tetrachloride	ND	1.3
1,2-Dichloroethane	ND	1.3
Trichloroethene	130	1.3
1,2-Dichloropropane	ND	1.3
Bromodichloromethane	ND	1.3
cis-1,3-Dichloropropene	ND	1.3
trans-1,3-Dichloropropene	ND	1.3
1,1,2-Trichloroethane	ND	1.3
Tetrachloroethene	7.0	1.3
Dibromochloromethane	ND	1.3
Chlorobenzene	19	1.3
Bromoform	ND	1.3
1,1,2,2-Tetrachloroethane	ND	1.3
1,3-Dichlorobenzene	ND	1.3
1,4-Dichlorobenzene	1.9	1.3
1,2-Dichlorobenzene	12	1.3

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	102	80-130
Toluene-d8	95	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW18A	Batch#:	120635
Lab ID:	191566-007	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06
Units:	ug/L	Analyzed:	12/22/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	119	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	108	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW18	Batch#:	120635
Lab ID:	191566-008	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06
Units:	ug/L	Analyzed:	12/22/06
Diln Fac:	1.429		

Analyte	Result	RL
Chloromethane	ND	1.4
Vinyl Chloride	3.6	0.7
Bromomethane	ND	1.4
Chloroethane	ND	1.4
Trichlorofluoromethane	ND	1.4
Freon 113	ND	0.7
1,1-Dichloroethene	0.9	0.7
Methylene Chloride	ND	29
trans-1,2-Dichloroethene	6.4	0.7
1,1-Dichloroethane	2.2	0.7
cis-1,2-Dichloroethene	36	0.7
Chloroform	ND	1.4
1,1,1-Trichloroethane	2.7	0.7
Carbon Tetrachloride	ND	0.7
1,2-Dichloroethane	0.9	0.7
Trichloroethene	76	0.7
1,2-Dichloropropane	ND	0.7
Bromodichloromethane	ND	0.7
cis-1,3-Dichloropropene	ND	0.7
trans-1,3-Dichloropropene	ND	0.7
1,1,2-Trichloroethane	ND	0.7
Tetrachloroethene	8.0	0.7
Dibromochloromethane	ND	0.7
Chlorobenzene	ND	0.7
Bromoform	ND	0.7
1,1,2,2-Tetrachloroethane	ND	0.7
1,3-Dichlorobenzene	ND	0.7
1,4-Dichlorobenzene	ND	0.7
1,2-Dichlorobenzene	ND	0.7

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	126	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	TRIP BLANK	Batch#:	120635
Lab ID:	191566-009	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06
Units:	ug/L	Analyzed:	12/22/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	103	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	98	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC369208	Batch#:	120585
Matrix:	Water	Analyzed:	12/21/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	94	80-130
Toluene-d8	106	80-120
Bromofluorobenzene	101	80-122

D= Not Detected
L= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC369401	Batch#:	120635
Matrix:	Water	Analyzed:	12/22/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	99	80-122

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC369606	Batch#:	120691
Matrix:	Water	Analyzed:	12/27/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC369670	Batch#:	120710
Matrix:	Water	Analyzed:	12/27/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	96	80-120
Bromofluorobenzene	108	80-122

D= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	120585
Units:	ug/L	Analyzed:	12/21/06
Diln Fac:	1.000		

Type: BS Lab ID: QC369206

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	24.15	97	77-128
Trichloroethene	25.00	24.21	97	80-120
Chlorobenzene	25.00	25.58	102	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	81	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	98	80-122

Type: BSD Lab ID: QC369207

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	23.31	93	77-128	4	20
Trichloroethene	25.00	24.28	97	80-120	0	20
Chlorobenzene	25.00	25.84	103	80-120	1	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	83	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	102	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	120635
Units:	ug/L	Analyzed:	12/22/06
Diln Fac:	1.000		

Type: BS Lab ID: QC369399

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	25.68	103	77-128
Trichloroethene	25.00	25.08	100	80-120
Chlorobenzene	25.00	25.14	101	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	92	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	98	80-122

Type: BSD Lab ID: QC369400

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	26.14	105	77-128	2	20
Trichloroethene	25.00	25.34	101	80-120	1	20
Chlorobenzene	25.00	25.20	101	80-120	0	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	92	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	99	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	120691
Units:	ug/L	Analyzed:	12/27/06
Diln Fac:	1.000		

Type: BS Lab ID: QC369604

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	22.40	90	77-128
Trichloroethene	25.00	22.52	90	80-120
Chlorobenzene	25.00	24.80	99	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	101	80-122

Type: BSD Lab ID: QC369605

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	25.63	103	77-128	13	20
Trichloroethene	25.00	24.20	97	80-120	7	20
Chlorobenzene	25.00	25.61	102	80-120	3	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	95	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	100	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	120710
Units:	ug/L	Analyzed:	12/27/06
Diln Fac:	1.000		

Type: BS Lab ID: QC369668

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	20.98	84	77-128
Trichloroethene	25.00	24.66	99	80-120
Chlorobenzene	25.00	25.67	103	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	104	80-122

Type: BSD Lab ID: QC369669

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	19.68	79	77-128	6	20
Trichloroethene	25.00	23.01	92	80-120	7	20
Chlorobenzene	25.00	23.34	93	80-120	10	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	95	80-130
Toluene-d8	95	80-120
Bromofluorobenzene	103	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Chromium

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Chromium	Sampled:	12/18/06
Matrix:	Water	Received:	12/18/06
Units:	ug/L	Prepared:	12/19/06
Batch#:	120493	Analyzed:	12/19/06

Field ID	Type	Lab ID	Result	RL	Diln Fac
MW10	SAMPLE	191566-001	440	5.0	1.000
MW20	SAMPLE	191566-002	ND	5.0	1.000
MW13	SAMPLE	191566-003	18	5.0	1.000
MW5	SAMPLE	191566-004	22	5.0	1.000
MW14	SAMPLE	191566-005	19	5.0	1.000
MW17	SAMPLE	191566-006	45,000	50	10.00
MW18A	SAMPLE	191566-007	ND	5.0	1.000
MW18	SAMPLE	191566-008	6,400	5.0	1.000
	BLANK	QC368819	ND	5.0	1.000

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.

Batch QC Report

Chromium

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Chromium	Batch#:	120493
Field ID:	MW10	Sampled:	12/18/06
MSS Lab ID:	191566-001	Received:	12/18/06
Matrix:	Water	Prepared:	12/19/06
Units:	ug/L	Analyzed:	12/19/06
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC368820		200.0	198.7	99	80-120		
BSD	QC368821		200.0	202.9	101	80-120	2	20
MS	QC368822	437.3	200.0	517.0	40 *	80-120		
MSD	QC368823		200.0	574.8	69 *	80-120	11	20

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Hexavalent Chromium

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Batch#:	120481
Matrix:	Water	Received:	12/18/06
Units:	mg/L	Analyzed:	12/19/06 08:05

Field ID	Type	Lab ID	Result	RL	Dil'n Fac	Sampled
MW10	SAMPLE	191566-001	0.01	0.01	1.000	12/18/06 09:55
MW20	SAMPLE	191566-002	ND	0.01	1.000	12/18/06 10:50
MW13	SAMPLE	191566-003	ND	0.01	1.000	12/18/06 11:40
MW5	SAMPLE	191566-004	ND	0.01	1.000	12/18/06 12:25
MW14	SAMPLE	191566-005	ND	0.01	1.000	12/18/06 01:20
MW17	SAMPLE	191566-006	41	0.50	50.00	12/18/06 02:10
MW18A	SAMPLE	191566-007	0.04	0.01	1.000	12/18/06 02:55
MW18	SAMPLE	191566-008	5.6	0.10	10.00	12/18/06 03:35
	BLANK	QC368778	ND	0.01	1.000	

ND = Not Detected
RL = Reporting Limit

4.0

Curtis & Tompkins, Ltd.

Batch QC Report

Hexavalent Chromium

Lab #:	191566	Location:	ECI-EMERY
Client:	Tamalpais Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Diln Fac:	1.000
Field ID:	MW10	Batch#:	120481
MSS Lab ID:	191566-001	Sampled:	12/18/06 09:55
Matrix:	Water	Received:	12/18/06
Units:	mg/L	Analyzed:	12/19/06 08:05

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
LCS	QC368779		0.8000	0.7828	98	90-110		
MS	QC368780	0.01151	0.8420	0.2648	32 *	85-115		
MSD	QC368781		0.8420	0.3108	37 *	85-115	16	20

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Tamalpais Environmental Consultants
32 Hill Ave.
Fairfax, CA 94930

Date: 08-JAN-07
Lab Job Number: 191587
Project ID: STANDARD
Location: ECI-Emeryville

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 signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

This package may be reproduced only in its entirety.

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	191587
Client:	**Tamalpais Environmental Consultants**
Location:	**ECI-Emeryville**
Request Date:	**12/19/06**
Samples Received:	**12/19/06**

This hardcopy data package contains sample and QC results for six water samples, requested for the above referenced project on 12/19/06. The samples were received on ice and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Hexavalent Chromium (EPA 7196A):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 191587

Sampler: BOB HALLET

Project No.: ECL - EMERY

Report To: AARON OBRIEN

Project Name:

Company: TRIMALPAIS ENV

Project P.O.:

Telephone: 415 302 4459

Turnaround Time: NORMAL

Fax: 415 785 4001

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Analysis
-1	MW 6	12-19 8:55		X		5	X		X	X	X X X
-2	MW 4	12-19 10:05		X		5	X		X	X	X X X
-3	MW 26	12-19 11:10		X		5	X		X	X	X X X
-4	IW 01 01	12-19 12:05		X		5	X		X	X	X X X
-5	IW 01 02	12-19 12:50		X		5	X		X	X	X X X
-6	TRIP BLANK			X		2	X			X	X

Notes: HEX CR SHORT HOLD TIME

SAMPLE RECEIPT
Intact Cold
On Ice Ambient
Preservative Correct?
Yes No N/A

RELINQUISHED BY:

Bob Hallet 12-19 2:10
SIGNATURE DATE / TIME

DATE / TIME

DATE / TIME

RECEIVED BY:

DATE / TIME

DATE / TIME

DATE / TIME

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 6	Batch#:	120691
Lab ID:	191587-001	Sampled:	12/19/06
Matrix:	Water	Received:	12/19/06
Units:	ug/L	Analyzed:	12/27/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	1.4	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	1.1	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	6.9	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	17	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	0.7	0.5
Trichloroethene	49	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	9.2	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	111	80-122

ND= Not Detected
RL= Reporting Limit

6.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 4	Batch#:	120680
Lab ID:	191587-002	Sampled:	12/19/06
Matrix:	Water	Received:	12/19/06
Units:	ug/L	Analyzed:	12/23/06
Diln Fac:	14.29		

Analyte	Result	RL
Chloromethane	ND	14
Vinyl Chloride	1,100	7.1
Bromomethane	ND	14
Chloroethane	ND	14
Trichlorofluoromethane	ND	14
Freon 113	ND	7.1
1,1-Dichloroethene	ND	7.1
Methylene Chloride	ND	290
trans-1,2-Dichloroethene	ND	7.1
1,1-Dichloroethane	ND	7.1
cis-1,2-Dichloroethene	1,100	7.1
Chloroform	ND	14
1,1,1-Trichloroethane	ND	7.1
Carbon Tetrachloride	ND	7.1
1,2-Dichloroethane	ND	7.1
Trichloroethene	ND	7.1
1,2-Dichloropropane	ND	7.1
Bromodichloromethane	ND	7.1
cis-1,3-Dichloropropene	ND	7.1
trans-1,3-Dichloropropene	ND	7.1
1,1,2-Trichloroethane	ND	7.1
Tetrachloroethene	ND	7.1
Dibromochloromethane	ND	7.1
Chlorobenzene	ND	7.1
Bromoform	ND	7.1
1,1,2,2-Tetrachloroethane	ND	7.1
1,3-Dichlorobenzene	ND	7.1
1,4-Dichlorobenzene	ND	7.1
1,2-Dichlorobenzene	ND	7.1

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW 26	Batch#:	120691
Lab ID:	191587-003	Sampled:	12/19/06
Matrix:	Water	Received:	12/19/06
Units:	ug/L	Analyzed:	12/27/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	24	0.5
Bromomethane	ND	1.0
Chloroethane	1.4	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	22	0.5
1,1-Dichloroethane	2.5	0.5
cis-1,2-Dichloroethene	29	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	0.5	0.5
Trichloroethene	1.6	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	106	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	112	80-122

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	IW 01 01	Batch#:	120691
Lab ID:	191587-004	Sampled:	12/19/06
Matrix:	Water	Received:	12/19/06
Units:	ug/L	Analyzed:	12/27/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	3.7	0.5
Bromomethane	ND	1.0
Chloroethane	2.0	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	2.5	0.5
1,1-Dichloroethane	1.7	0.5
cis-1,2-Dichloroethene	5.5	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	109	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	114	80-122

ND= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	IW 01 02	Batch#:	120680
Lab ID:	191587-005	Sampled:	12/19/06
Matrix:	Water	Received:	12/19/06
Units:	ug/L	Analyzed:	12/23/06
Diln Fac:	33.33		

Analyte	Result	RL
Chloromethane	ND	33
Vinyl Chloride	600	17
Bromomethane	ND	33
Chloroethane	ND	33
Trichlorofluoromethane	ND	33
Freon 113	ND	17
1,1-Dichloroethene	150	17
Methylene Chloride	ND	670
trans-1,2-Dichloroethene	96	17
1,1-Dichloroethane	33	17
cis-1,2-Dichloroethene	3,200	17
Chloroform	ND	33
1,1,1-Trichloroethane	39	17
Carbon Tetrachloride	ND	17
1,2-Dichloroethane	ND	17
Trichloroethene	620	17
1,2-Dichloropropane	ND	17
Bromodichloromethane	ND	17
cis-1,3-Dichloropropene	ND	17
trans-1,3-Dichloropropene	ND	17
1,1,2-Trichloroethane	ND	17
Tetrachloroethene	ND	17
Dibromochloromethane	ND	17
Chlorobenzene	ND	17
Bromoform	ND	17
1,1,2,2-Tetrachloroethane	ND	17
1,3-Dichlorobenzene	ND	17
1,4-Dichlorobenzene	ND	17
1,2-Dichlorobenzene	ND	17

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	105	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	TRIP BLANK	Batch#:	120637
Lab ID:	191587-006	Sampled:	12/19/06
Matrix:	Water	Received:	12/19/06
Units:	ug/L	Analyzed:	12/22/06
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	115	80-130
Toluene-d8	115	80-120
Bromofluorobenzene	105	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC369407	Batch#:	120637
Matrix:	Water	Analyzed:	12/22/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	80-130
Toluene-d8	109	80-120
Bromofluorobenzene	107	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC369565	Batch#:	120680
Matrix:	Water	Analyzed:	12/23/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	102	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	107	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC369606	Batch#:	120691
Matrix:	Water	Analyzed:	12/27/06
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

17.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	120637
Units:	ug/L	Analyzed:	12/22/06
Diln Fac:	1.000		

Type: BS Lab ID: QC369405

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.71	95	77-128
Trichloroethene	25.00	26.85	107	80-120
Chlorobenzene	25.00	26.98	108	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	94	80-130
Toluene-d8	108	80-120
Bromofluorobenzene	101	80-122

Type: BSD Lab ID: QC369406

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	26.68	107	77-128	12	20
Trichloroethene	25.00	27.11	108	80-120	1	20
Chlorobenzene	25.00	26.36	105	80-120	2	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	96	80-130
Toluene-d8	110	80-120
Bromofluorobenzene	101	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	120680
Units:	ug/L	Analyzed:	12/23/06
Diln Fac:	1.000		

Type: BS Lab ID: QC369566

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.64	95	77-128
Trichloroethene	25.00	25.82	103	80-120
Chlorobenzene	25.00	25.59	102	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	100	80-122

Type: BSD Lab ID: QC369567

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	23.90	96	77-128	1	20
Trichloroethene	25.00	26.79	107	80-120	4	20
Chlorobenzene	25.00	26.12	104	80-120	2	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	120691
Units:	ug/L	Analyzed:	12/27/06
Diln Fac:	1.000		

Type: BS Lab ID: QC369604

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	22.40	90	77-128
Trichloroethene	25.00	22.52	90	80-120
Chlorobenzene	25.00	24.80	99	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	101	80-122

ype: BSD Lab ID: QC369605

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	25.63	103	77-128	13	20
Trichloroethene	25.00	24.20	97	80-120	7	20
Chlorobenzene	25.00	25.61	102	80-120	3	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	95	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	100	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Chromium

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Chromium	Sampled:	12/19/06
Matrix:	Water	Received:	12/19/06
Units:	ug/L	Prepared:	12/20/06
Diln Fac:	1.000	Analyzed:	12/20/06
Batch#:	120521		

Field ID	Type	Lab ID	Result	RL
MW 6	SAMPLE	191587-001	490	5.0
MW 4	SAMPLE	191587-002	5.1	5.0
MW 26	SAMPLE	191587-003	120	5.0
IW 01 01	SAMPLE	191587-004	20	5.0
IW 01 02	SAMPLE	191587-005	16	5.0
	BLANK	QC368951	ND	5.0

ND = Not Detected
RL = Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Chromium

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	EPA 3010A
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Chromium	Batch#:	120521
Field ID:	MW 6	Sampled:	12/19/06
MSS Lab ID:	191587-001	Received:	12/19/06
Matrix:	Water	Prepared:	12/20/06
Units:	ug/L	Analyzed:	12/20/06
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC368952		200.0	201.7	101	80-120		
BSD	QC368953		200.0	203.9	102	80-120	1	20
MS	QC368954	492.1	200.0	723.1	116	80-120		
MSD	QC368955		200.0	710.2	109	80-120	2	20

RPD= Relative Percent Difference

3.0

Curtis & Tompkins, Ltd.

Hexavalent Chromium

Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Batch#:	120531
Matrix:	Water	Received:	12/19/06
Units:	mg/L	Analyzed:	12/20/06 08:30
Diln Fac:	1.000		

Field ID	Type	Lab ID	Result	RL	Sampled
MW 6	SAMPLE	191587-001	0.53	0.01	12/19/06 08:55
MW 4	SAMPLE	191587-002	ND	0.01	12/19/06 10:05
MW 26	SAMPLE	191587-003	ND	0.01	12/19/06 11:10
IW 01 01	SAMPLE	191587-004	ND	0.01	12/19/06 12:05
IW 01 02	SAMPLE	191587-005	ND	0.01	12/19/06 12:50
	BLANK	QC368987	ND	0.01	

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Hexavalent Chromium

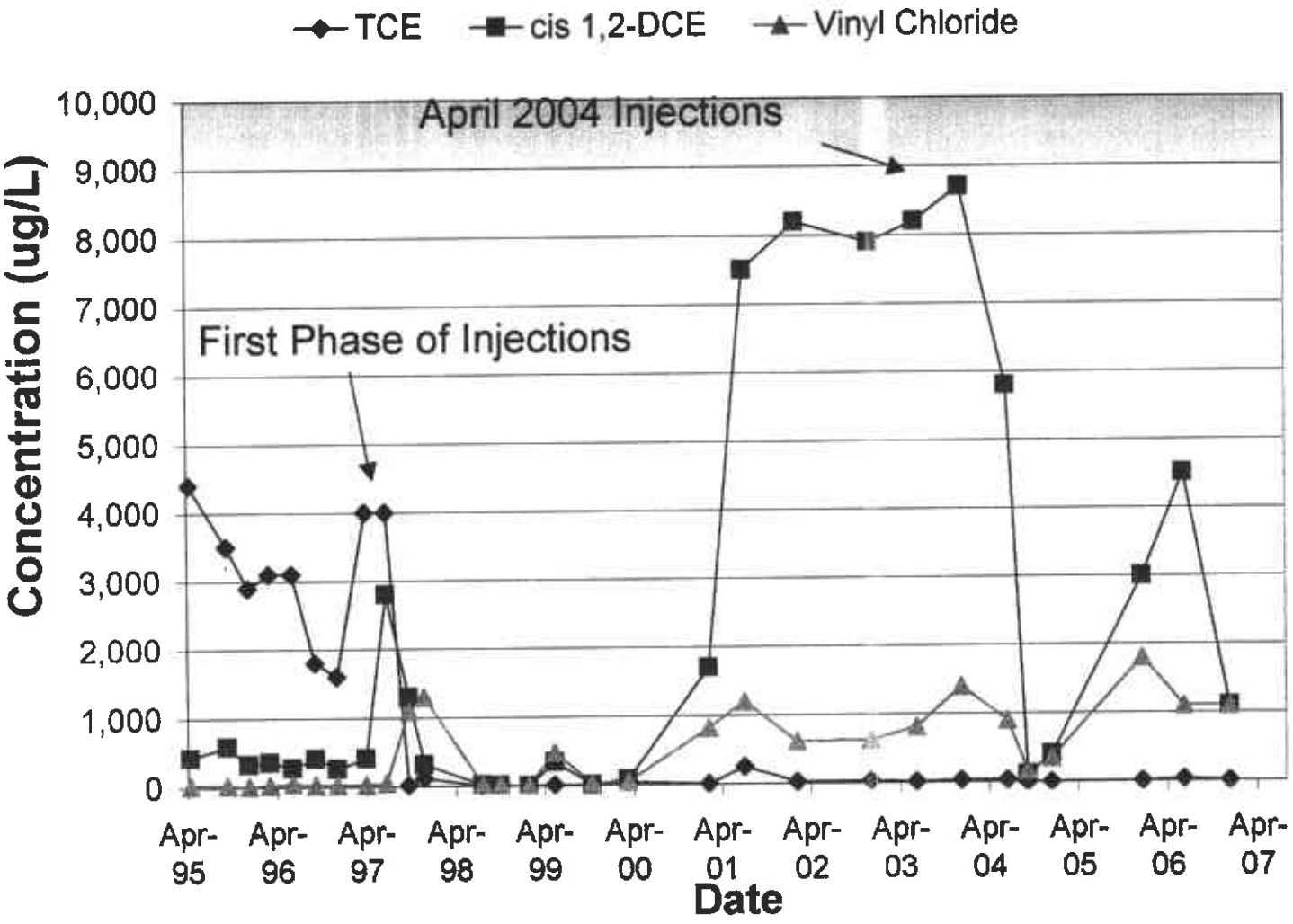
Lab #:	191587	Location:	ECI-Emeryville
Client:	Tamalpais Environmental Consultants	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	120531
MSS Lab ID:	191606-001	Sampled:	12/19/06 14:05
Matrix:	Water	Received:	12/19/06
Units:	mg/L	Analyzed:	12/20/06 08:30

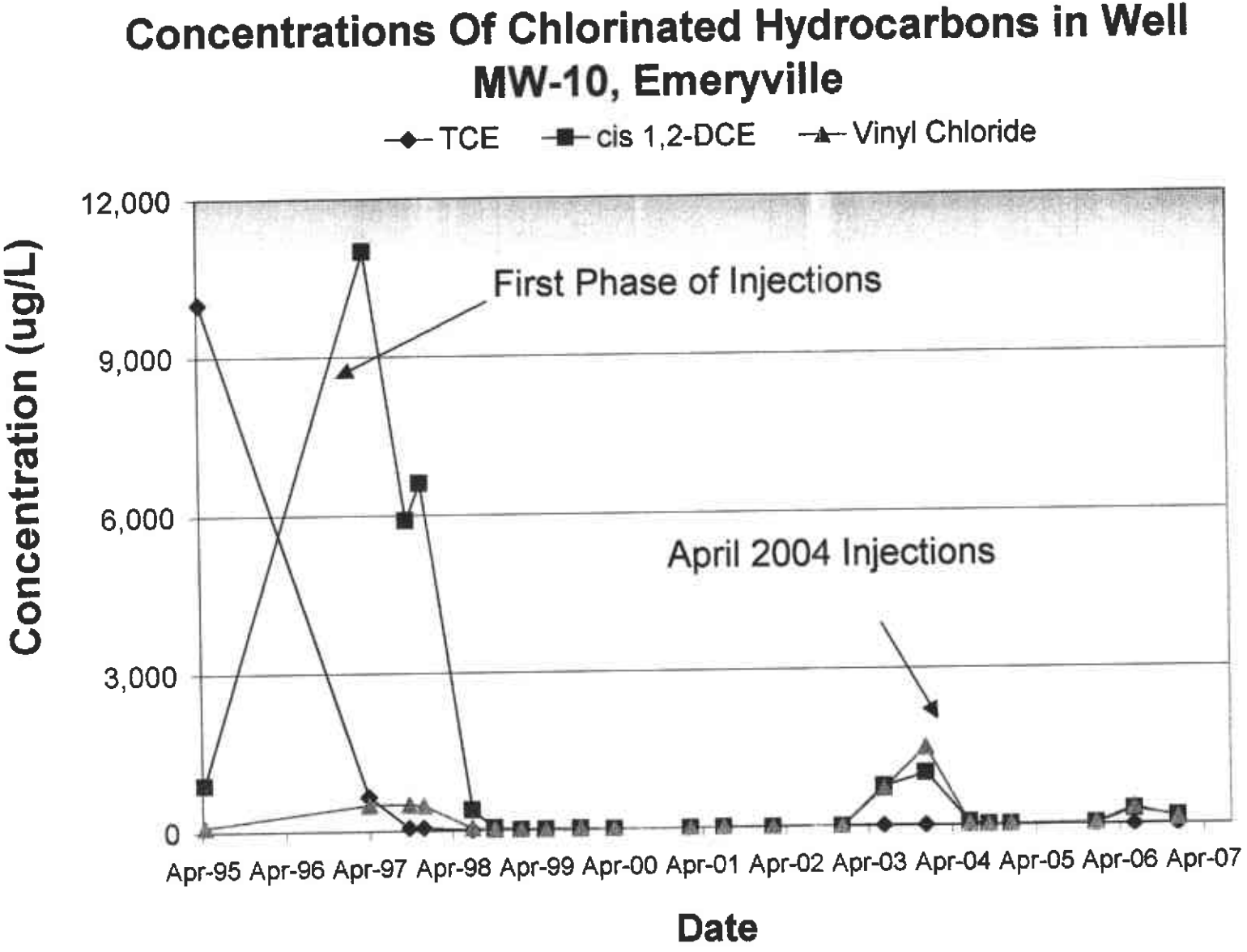
Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
LCS	QC368988		0.8000	0.7348	92	90-110		
MS	QC368989	<0.01000	0.8420	0.7738	92	85-115		
MSD	QC368990		0.8420	0.7627	91	85-115	1	20

RPD= Relative Percent Difference

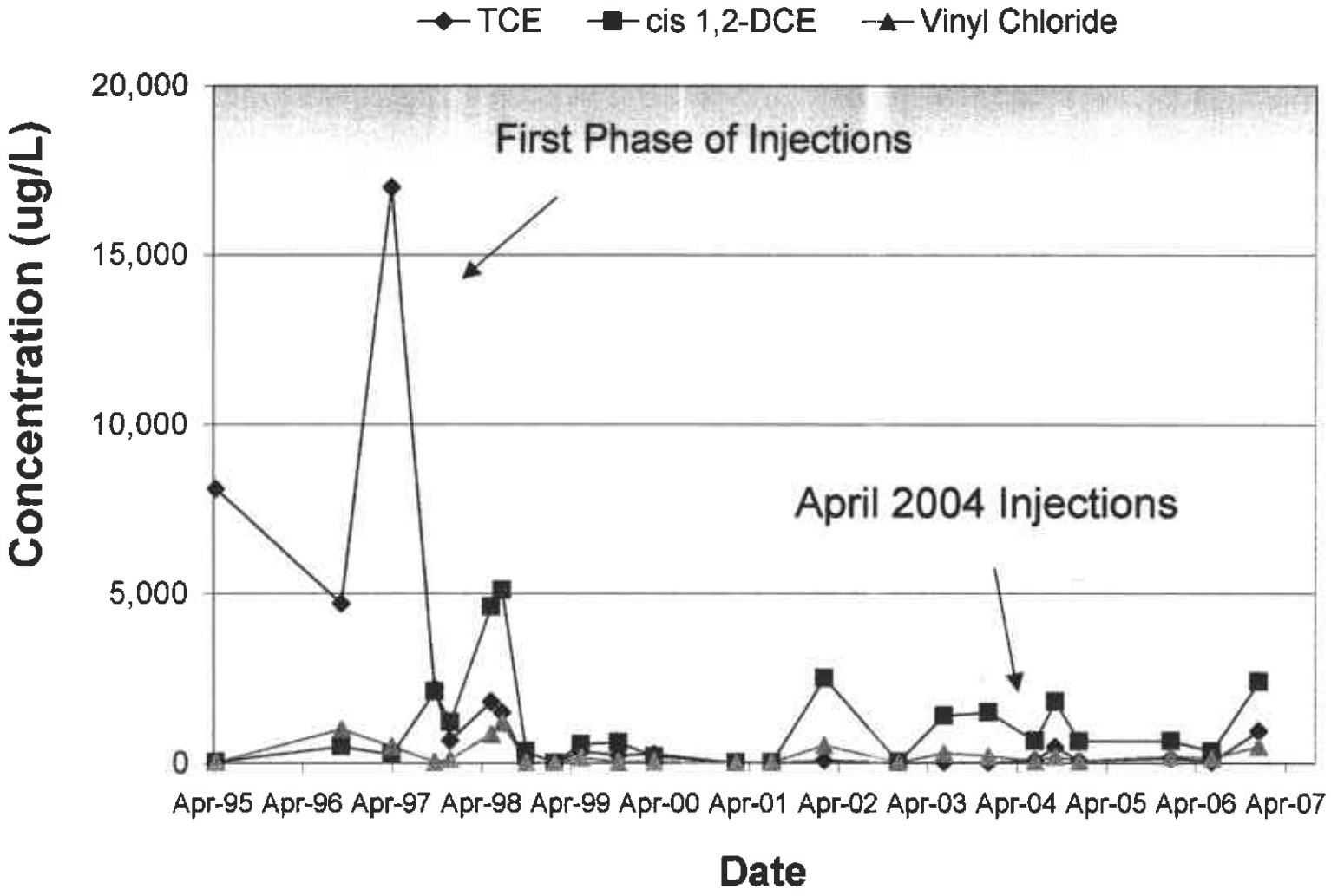
Appendix 3 Charts of VOCs versus Time

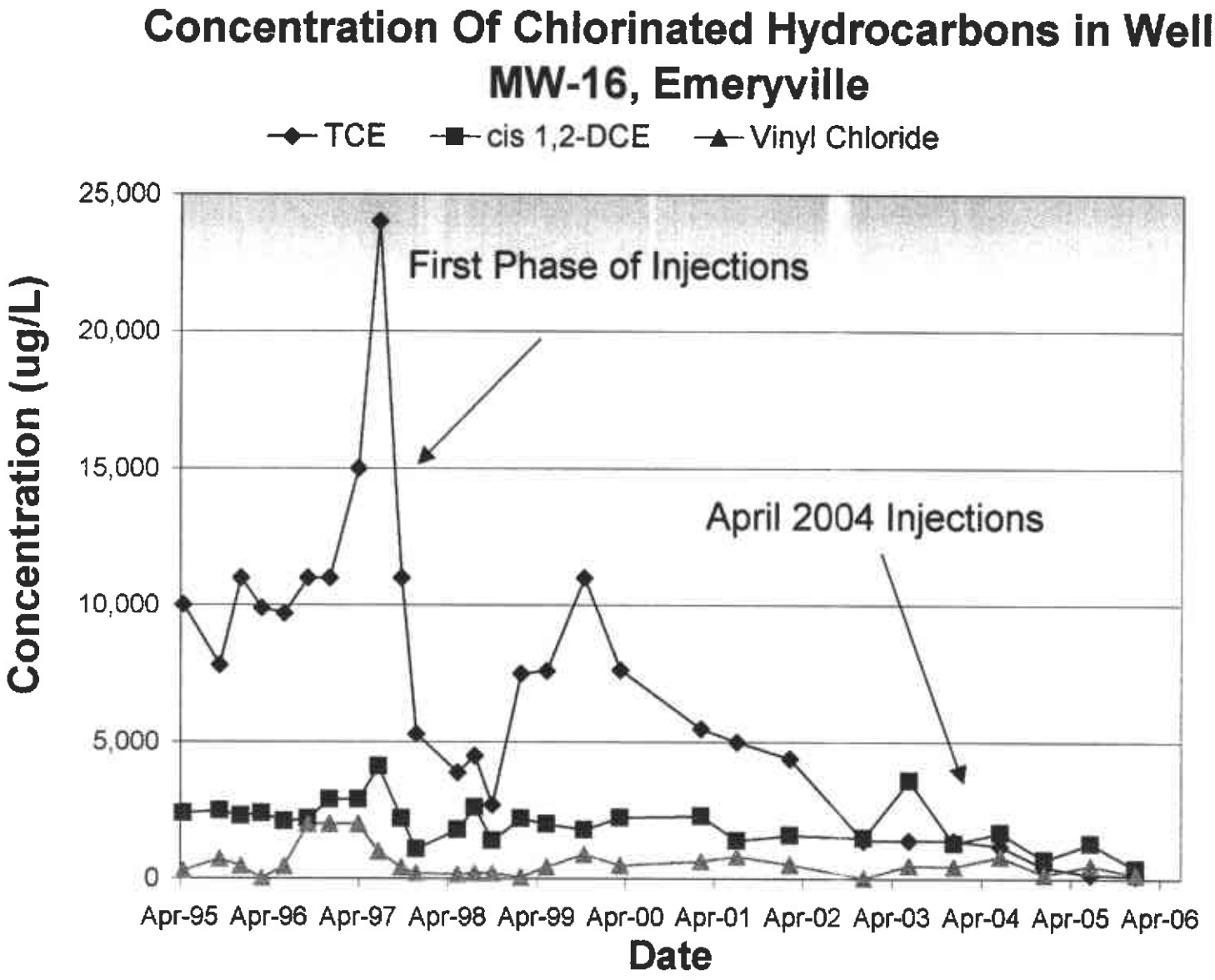
Concentration Of Chlorinated Hydrocarbons in Well MW-4, Emeryville




Concentrations Of Chlorinated Hydrocarbons in Well MW-10, Emeryville
TCE
cis 1,2-DCE
Vinyl Chloride
Concentration (ug/L)
12,000
9,000
6,000
3,000
0
First Phase of Injections
April 2004 Injections
Apr-95 Apr-96 Apr-97 Apr-98 Apr-99 Apr-00 Apr-01 Apr-02 Apr-03 Apr-04 Apr-05 Apr-06 Apr-07
Date

Concentrations Of Chlorinated Hydrocarbons in Well MW-14, Emeryville




Concentration Of Chlorinated Hydrocarbons in Well MW-16, Emeryville
TCE
cis 1,2-DCE
Vinyl Chloride
25,000
20,000
15,000
10,000
5,000
0
Concentration (ug/L)
First Phase of Injections
April 2004 Injections
Apr-95 Apr-96 Apr-97 Apr-98 Apr-99 Apr-00 Apr-01 Apr-02 Apr-03 Apr-04 Apr-05 Apr-06
Date

Concentrations Of Chlorinated Hydrocarbons in Well IW-01-02 , Emeryville