



**Electro-
Coatings
Inc.**

May 31, 2000

Susan L. Hugo
Alameda County Dept. of Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577

RE: Quarterly Groundwater Monitoring Report, March 2000

Dear Susan,

Enclosed is the above referenced report for sampling done at 1401 & 1421 Park Avenue, Emeryville.

Please call me if you have any questions.

Sincerely,

Jeff Garvens

phone: 510-450-9790 Ext. 103

e-mail: jeff@electro-coatings.com

cc: Mr. Mark Johnson, RWQCB

enclosure

ENVIRONMENTAL
PROTECTION

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QUARTERLY GROUNDWATER SAMPLING RESULTS

March 2000

**FORMER ELECTRO-COATINGS, INC. FACILITY
1401 PARK AVENUE
1421 ASSOCIATES PROPERTY, 1421 PARK AVENUE
EMERYVILLE, CALIFORNIA**

Prepared by

ARCADIS Geraghty & Miller, Inc.

May 23, 2000



**Steven J. Brussee
Project Manager/Project Engineer**



**Dennis P. Maslonkowski, CHg, CEG
Principal Hydrogeologist**

Introduction

Groundwater Monitoring

This report presents the results of the March 2000 groundwater monitoring event performed by ARCADIS Geraghty & Miller on behalf of Electro-Coatings, Inc. (ECI) at the former Electro-Coatings, Inc. facility at 1401 Park Avenue and at the 1421 Associates Property at 1421 Park Avenue (the Sites) in Emeryville, California (Figure 1).

Groundwater monitoring wells at the Sites are sampled each quarter, as proposed by ECI and ARCADIS Geraghty & Miller in our April 27, 1996 letter to the Alameda County Health Care Services Agency, Department of Environmental Health (ACDEH).

The data from the groundwater monitoring events are being used to evaluate the concentrations of halogenated volatile organic compounds (HVOCs), chromium (Cr), and hexavalent chromium (Cr[VI]) in groundwater at the site and downgradient from the Sites.

Remediation-in-Progress, Reactive Zone Technology

In 1995 and 1996, ARCADIS Geraghty & Miller conducted a six-month pilot study at the Site to evaluate a patented ARCADIS Geraghty & Miller in-situ Reactive Zone Technology. Based on the successful results of this pilot study, a full scale, on-site implementa-

tion of this remediation technology was initiated in April 1997.

ARCADIS Geraghty & Miller has installed over 100 temporary injection points throughout the Sites. A proprietary mixture has been injected into the temporary injection points during three discrete injection events. The proprietary mixture includes non-petroleum organic compounds, an engineered additive of bio-nutrients, and a microbial inoculant. Three injection events have been completed at the Site to date. The first event was completed in April 1997; the second event was completed in February 1998; a third, partial event was completed in March 1999. The injections for the third event focused on the former source areas near the southern portion of the Sites.

Data from the groundwater monitoring program are being used to evaluate the progress of the on-site remediation in progress. These data are presented and discussed below.

Field Activities and Laboratory Analyses

The groundwater monitoring wells sampled during this groundwater monitoring event include MW-1, MW-3A, MW-3B, MW-4, MW-5, MW-6, MW-8, MW-9, MW-10, MW-12, MW-13, MW-14, MW-15, MW-16, and MW-17 (Figure 1). (MW-18, MW-18A, and MW-20 are sampled semi-annually.)

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Prior to sampling, depth-to-water measurements were obtained from each well (Table 1). The wells were then low-flow sampled using an above-ground peristaltic pump. The low-flow sampling procedure was conducted according to the protocol described in the United States Environmental Protection Agency (USEPA) publication entitled *Ground Water Issue, Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures* (EPA/540/S-95/504).

During the low-flow sampling procedure, new polyethylene tubing was used for each well. The intake of the tubing was placed at approximately the middle of the screened interval for each well. During the sampling process, groundwater was extracted from each well at approximately ½ liter per minute; groundwater quality parameters (pH, specific conductance, temperature, redox, and dissolved oxygen) were monitored during the sampling process (Table 2). Upon stabilization of these groundwater quality parameters, groundwater samples were collected from the effluent port of the low-flow sampling equipment. The samples were collected into USEPA-approved containers, placed on ice, and transported to Sequoia Analytical, a State-certified laboratory, under chain-of-custody documentation, for the analyses indicated in Tables 3 and 4.

Results & Discussion

Overview

The groundwater monitoring wells which are sampled as part of the groundwater monitoring events include both on-site and off-site wells. To date, remediation activities have been implemented only on-site at the 1401 and 1421 Park Avenue sites. The groundwater monitoring wells, as presented in Tables 3 and 4 (analytical results), are grouped by their location (on-site versus off-site).

- Sampled on-site wells include MW-1, MW-3A, MW-3B, MW-4, MW-5, MW-9, MW-10, MW-12, MW-13, and MW-14. Well MW-3A is a deeper well and is screened below the uppermost water-bearing zone.
- Sampled off-site wells (wells not within the on-site remediation area) include MW-6 (the furthest downgradient monitoring well), MW-8, MW-15, MW-16 (the nearest off-site well), and MW-17.

Groundwater Elevations

Groundwater elevations for the shallow-zone wells ranged from 6.57 feet above mean sea level (msl) (MW-6) to 11.37 feet msl (MW-8). Historic and current depth-to-water measurements and calculated groundwater elevations are presented in Table 1.

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The groundwater elevations and groundwater contours in the upper water-bearing zone for the March 2000 sampling event are presented in Figure 2. Based on the depth-to-water data recorded on March 16, 2000, the direction of groundwater flow is toward the northwest, which is consistent with the previous sampling event (October 1999).

Results of Remediation Activities

Chromium

Cumulative analytical results for hexavalent and total chromium are summarized in Table 3; the current results are presented in Figure 3. Trend analyses of concentrations of hexavalent chromium in on-site wells are presented in Chart 1.

Since the implementation of full-scale on-site remediation activities for the 1401 and 1421 Park Avenue sites in April 1997, the concentrations of total and hexavalent chromium detected in on-site groundwater monitoring wells (within the remediation area) have decreased dramatically.

- The average concentration of total chromium in these wells has decreased by approximately 99.8% from 65,670 micrograms per liter ($\mu\text{g/L}$) (March 1996) to 142 $\mu\text{g/L}$ (March 2000).
- The average concentration of hexavalent chromium in these

wells has decreased by greater than 99.9% from 74,350 $\mu\text{g/L}$ (March 1996) to 25 $\mu\text{g/L}$ (March 2000). (The 25 $\mu\text{g/L}$ figure represents one-half of the laboratory method detection limit.)

- All on-site groundwater monitoring wells (MW-3B, MW-4, MW-5, MW-9, MW-10, MW-12, MW-13, and MW-14) are now non-detect for hexavalent chromium (less than 50 $\mu\text{g/L}$), which is consistent with historic trends.
- Two on-site groundwater monitoring wells with historic concentrations of hexavalent chromium in excess of 100,000 $\mu\text{g/L}$ (MW-13 and MW-14) are now non-detect for hexavalent chromium (less than 50.0 $\mu\text{g/L}$).
- Upgradient groundwater Monitoring Wells MW-8 and MW-15 are also non-detect for hexavalent chromium (<50 $\mu\text{g/L}$), which is consistent with historical data. MW-8 and MW-15 have not previously been sampled by ARCADIS Geraghty & Miller, however, they were used as injection points by ARCADIS Geraghty & Miller during the second and third remediation events.
- The analytical laboratory reported non-detect for hexavalent chromium in off-site, downgradient Groundwater Monitoring Wells MW-16 and MW-17, which is not consistent with historical data. Data from forthcoming groundwa-

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ter monitoring events will be used to evaluate the validity of the March 2000 data for these wells.

Halogenated Volatile Organic Compounds

The cumulative analytical results for halogenated volatile organic compounds (HVOCs) are summarized in Table 4 and presented in Figure 4.

Trend analyses of concentrations of selected HVOCs in on-site wells are presented in Chart 2.

Since the implementation of full scale, on-site remediation for the 1401 and 1421 Park Avenue sites in April 1997, the reported concentrations of HVOCs in groundwater samples obtained from the on-site wells have changed significantly.

- The average concentration of TCE in the on-site groundwater monitoring wells within the remediation area has decreased by approximately 97% from 3,040 µg/L (April 1995) to 78 µg/L (March 2000).
- The average concentrations of biodegradation daughter products (i.e.,

cis-1,2 DCE and vinyl chloride) initially increased the initiation of the remediation program and have subsequently shown decreasing trends.

Detections for HVOCs reported for off-site, downgradient wells MW-16 and MW-17 are consistent with historical data.

Continuing Remediation Activities

The remediation activities implemented at the sites to date were designed to address the presence of hexavalent chromium and HVOCs at the sites.

ARCADIS Geraghty & Miller and ECI are also preparing an off-site remediation plan. This work plan is being prepared pursuant to a meeting between Mark Johnson and Derek Lee of the RWQCB, Judy Garvens of ECI, and Steve Brussee and Gary Keyes of ARCADIS Geraghty & Miller held at the Site on February 3, 1999. We expect to submit the work plan for this proposed off-site remediation work during the early summer of 2000.

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Charts:

- Chart 1 Concentrations of Hexavalent Chromium in On-Site Wells
- Chart 2 Concentrations of TCE in On-Site Wells

Tables:

- Table 1 Summary of Groundwater-Elevation Data
- Table 2 Summary of Field-Sampling Data
- Table 3 Cumulative Groundwater-Sample Analytical Results – Total and Hexavalent Chromium
- Table 4 Cumulative Groundwater-Sample Analytical Results – Halogenated Volatile Organic Compounds

Figures:

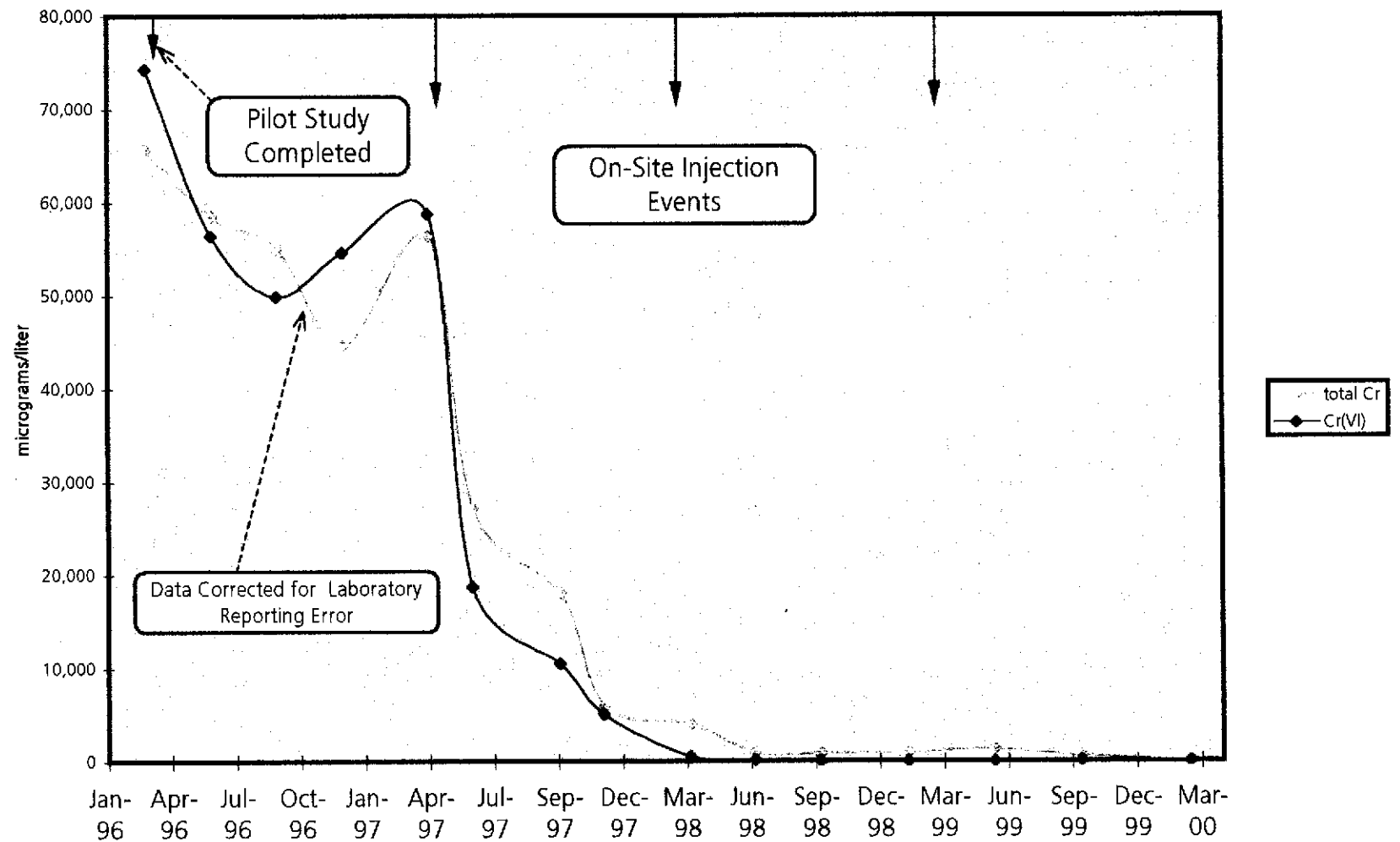
- Figure 1 Site Plan
- Figure 2 Groundwater Elevation Contours (March 2000)
- Figure 3 Hexavalent Chromium Concentrations in Groundwater (March 2000)
- Figure 4 HVOC Concentrations in Groundwater (March 2000)

Appendix:

- Appendix A Copies of Laboratory Analytical Reports and Chain-of-Custody Documentation

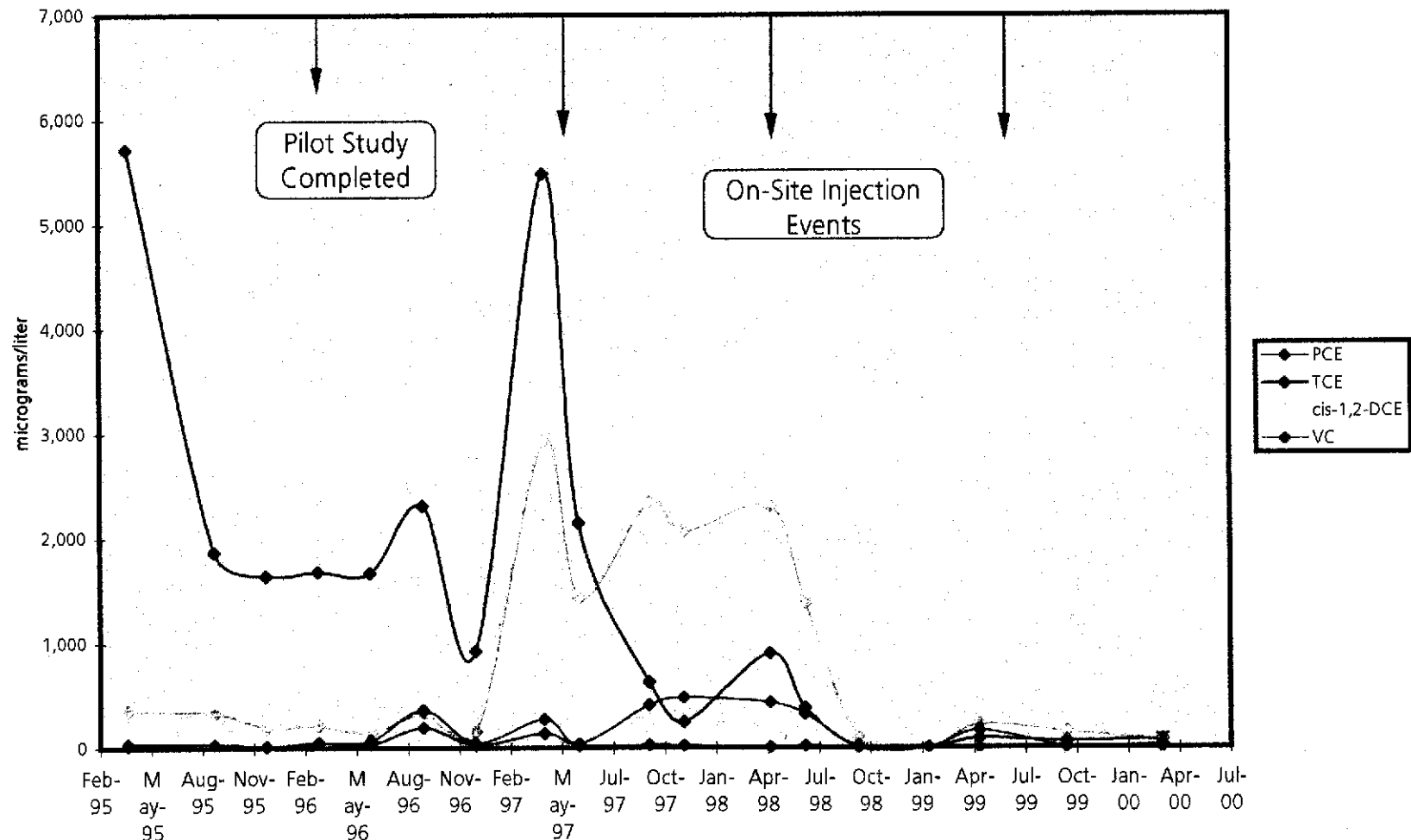
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Chart 1: Chromium Concentrations, Average for On-Site Monitoring Wells within Remediation Area



Data Includes Values for MW-3B, MW-4, MW-5, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14
 Non-Detect Results Plotted at 1/2 of Detection Limit

Chart 2: HVOC Concentrations, Average for On-Site Monitoring Wells within Remediation Area



Data Includes Values for MW-4, MW-10, MW-13, and MW-14
 Non-Detect Results Plotted at 1/2 of Detection Limit

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Table 1: Summary of Groundwater-Elevation Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Screened Interval (feet, bgs)	Depth-to-Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)
MW-1 (on-site)	19-Apr-95		NL		--
	12-Sep-96	21.0-29.0	6.15	15.19	9.04
	7-Apr-97		5.87		9.32
	29-Sep-97		9.08		6.11
	22-Apr-98		5.76		9.43
	27-Jul-98		5.89		9.30
	8-Oct-98		5.91		9.28
	2-Feb-99		5.37		9.82
	19-May-99		6.00		9.19
	19-Oct-99		5.89		9.30
	16-Mar-00		5.21		9.98
MW-3A (on-site) (deep well)	19-Apr-95	57.0-61.0	4.87	16.1	11.23
	19-Sep-95		5.70		10.40
	14-Dec-95		5.00		11.10
	6-Mar-96		4.73		11.37
	11-Jun-96		5.28		10.82
	12-Sep-96		5.47		10.63
	9-Dec-96		5.61		10.49
	7-Apr-97		5.05		11.05
	30-Jun-97		4.64		11.46
	29-Sep-97		5.50		10.60
	4-Dec-97		4.65		11.45
	22-Apr-98		4.65		11.45
	27-Jul-98		4.83		11.27
	8-Oct-98		5.74		10.36
	2-Feb-99		5.59		10.51
	19-May-99		4.83		11.27
19-Oct-99		6.31		9.79	
16-Mar-00		5.05		11.05	

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Table 1: Summary of Groundwater-Elevation Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Screened Interval (feet, bgs)	Depth-to-Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)
MW-3B (on-site)	19-Apr-95	16.0-18.0	6.76	16.3	9.54
	22-Apr-98		5.75		10.55
	27-Jul-98		6.08		10.22
	8-Oct-98		6.55		9.75
	2-Feb-99		5.43		10.87
	20-May-99		6.45		9.85
	19-Oct-99		6.40		9.90
	16-Mar-00		5.34		10.96
MW-3C (on-site)	19-Apr-95	11.0-14.0	6.19	16.21	10.02
MW-4 (on-site)	19-Apr-95	16.0-20.0	6.52	14.29	7.77
	19-Sep-95		6.50		7.79
	14-Dec-95		5.36		8.93
	6-Mar-96		5.90		8.39
	11-Jun-96		6.39		7.90
	12-Sep-96		6.40		7.89
	9-Dec-96		5.78		8.51
	7-Apr-97		6.49		7.80
	30-Jun-97		6.49		7.80
	29-Sep-97		6.59		7.70
	1-Dec-97		5.37		8.92
	22-Apr-98		6.47		7.82
	27-Jul-98		6.54		7.75
	8-Oct-98		6.55		7.74
	2-Feb-99		6.02		8.27
19-May-99		5.44		8.85	
19-Oct-99		6.45		7.84	
17-Mar-00		5.88		8.41	

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Table 1: Summary of Groundwater-Elevation Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
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Monitoring Well	Date Sampled	Screened Interval (feet, bgs)	Depth-to-Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)			
MW-5 (on-site)	19-Apr-95	11.0-15.0	6.95	15.87	8.92			
	30-Jun-97		6.84		9.03			
	29-Sep-97		7.82		8.05			
	22-Apr-98		6.50		9.37			
	27-Jul-98		7.48		8.39			
	8-Oct-98		7.72		8.15			
	2-Feb-99		6.50		9.37			
	21-May-99		6.48		9.39			
	19-Oct-99		8.19		7.68			
	16-Mar-00		6.32		9.55			
MW-9 (on-site)	19-Apr-95	17.5-24.5	6.67	16.03	9.36			
	12-Sep-96		6.71		9.32			
	7-Apr-97		6.90		9.13			
	29-Sep-97		6.55		9.48			
	1-Dec-97		4.83		11.20			
	22-Apr-98		5.92		10.11			
	27-Jul-98		6.13		9.90			
	8-Oct-98		6.50		9.53			
	2-Feb-99		5.36		10.67			
	19-May-99		5.28		10.75			
	19-Oct-99		6.45		9.58			
			16-Mar-00			5.34		10.69
	MW-10 (on-site)		19-Apr-95		17.5-24.5	6.94	15.1	8.16
29-Sep-97		7.10	8.00					
1-Dec-97		5.50	9.60					
22-Apr-98		6.62	8.48					
27-Jul-98		6.95	8.15					
8-Oct-98		7.10	8.00					
2-Feb-99		6.43	8.67					
19-May-99		NM	NM					
19-Oct-99		7.11	7.99					
		17-Mar-00		6.28				8.82

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Table 1: Summary of Groundwater-Elevation Data

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
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Monitoring Well	Date Sampled	Screened Interval (feet, bgs)	Depth-to-Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)
MW-11 (on-site)	19-Apr-95	16.0-29.0	6.38	15.94	9.56
	12-Sep-96		6.40		9.54
	7-Apr-97		6.56		9.38
	29-Sep-97		5.80		10.14
MW-12 (on-site)	19-Apr-95	17.5-28.5	6.52	16.04	9.52
	19-Sep-95		6.61		9.43
	14-Dec-95		5.12		10.92
	6-Mar-96		5.61		10.43
	11-Jun-96		6.46		9.58
	12-Sep-96		6.53		9.51
	9-Dec-96		5.76		10.28
	7-Apr-97		6.67		9.37
	30-Jun-97		6.19		9.85
	29-Sep-97		6.36		9.68
	1-Dec-97		4.66		11.38
	22-Apr-98		5.53		10.51
	27-Jul-98		5.94		10.10
	8-Oct-98		6.25		9.79
	2-Feb-99		5.30		10.74
	20-May-99		5.96		10.08
19-Oct-99	6.26	9.78			
16-Mar-00	5.07	10.97			

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Table 1: Summary of Groundwater-Elevation Data

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Screened Interval (feet, bgs)	Depth-to-Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)
MW-13 (on-site)	19-Apr-95	10.5-15.5	6.75	15.37	8.62
	19-Sep-95		6.94		8.43
	14-Dec-95		5.45		9.92
	6-Mar-96		5.94		9.43
	11-Jun-96		6.75		8.62
	12-Sep-96		6.80		8.57
	9-Dec-96		6.02		9.35
	7-Apr-97		6.92		8.45
	30-Jun-97		6.66		8.71
	29-Sep-97		6.87		8.50
	1-Dec-97		5.15		10.22
	22-Apr-98		6.31		9.06
	27-Jul-98		6.58		8.79
	8-Oct-98		7.00		8.37
	2-Feb-99		6.03		9.34
19-May-99		6.96		8.41	
19-Oct-99		6.99		8.38	
16-Mar-00			5.65		9.72
MW-14 (on-site)	19-Apr-95	15.0-25.0	6.71	15.49	8.78
	12-Sep-96		6.74		8.75
	7-Apr-97		6.85		8.64
	29-Sep-97		6.60		8.89
	1-Dec-97		4.78		10.71
	27-Jul-98		6.92		8.57
	8-Oct-98		NM		NM
	2-Feb-99		5.95		9.54
	19-May-99		7.30		8.19
	19-Oct-99		7.11		8.38
16-Mar-00			5.44		10.05

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Monitoring Well	Date Sampled	Screened Interval (feet, bgs)	Depth-to-Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)
MW-20 (on-site) (deep well) (semi-annual)	19-Apr-95	31.0-51.0	2.78	14.93	12.15
	19-Sep-95		2.47		12.46
	14-Dec-95		2.95		11.98
	6-Mar-96		1.43		13.50
	11-Jun-96		2.29		12.64
	12-Sep-96		2.90		12.03
	7-Apr-97		2.63		12.30
	29-Sep-97		2.90		12.03
	22-Apr-98		1.77		13.16
	27-Jul-98		2.63		12.30
	2-Feb-99		2.23		12.70
	19-May-99		2.46		12.47
	19-Oct-99		2.95		11.98
MW-6 (off-site)	19-Apr-95	13.0-17.0	3.55	9.24	5.69
	19-Sep-95		3.72		5.52
	14-Dec-95		3.01		6.23
	6-Mar-96		3.31		5.93
	11-Jun-96		5.34		3.90
	12-Sep-96		3.60		5.64
	9-Dec-96		3.19		6.05
	7-Apr-97		3.64		5.60
	30-Jun-97		3.57		5.67
	29-Sep-97		3.56		5.68
	1-Dec-97		3.14		6.10
	22-Apr-98		3.51		5.73
	27-Jul-98		3.01		6.23
	8-Oct-98		3.34		5.90
	2-Feb-99		2.71		6.53
19-May-99		3.69		5.55	
19-Oct-99		2.72		6.52	
17-Mar-00			2.67		6.57

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Table 1: Summary of Groundwater-Elevation Data

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Screened Interval (feet, bgs)	Depth-to-Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)
MW-8 (off-site)	19-Apr-95	16.0-22.0	5.50	16.42	10.92
	19-Sep-95		NL		--
	17-Mar-00		5.05		11.37
MW-15 (off-site)	19-Apr-95	15.0-25.0	7.94	17.26	9.32
	19-Sep-95		NL		--
	17-Mar-00		6.37		10.89
MW-16 (off-site)	19-Apr-95	12.0-22.0	4.57	12.08	7.51
	19-Sep-95		4.64		7.44
	14-Dec-95		4.28		7.80
	6-Mar-96		4.01		8.07
	11-Jun-96		4.50		7.58
	12-Sep-96		4.55		7.53
	9-Dec-96		3.98		8.10
	7-Apr-97		4.57		7.51
	30-Jun-97		4.55		7.53
	29-Sep-97		4.63		7.45
	1-Dec-97		3.51		8.57
	22-Apr-98		4.40		7.68
	27-Jul-98		4.49		7.59
	8-Oct-98		4.62		7.46
2-Feb-99		4.40		7.68	
19-May-99		4.56		7.52	
19-Oct-99		4.60		7.48	
17-Mar-00			3.80		8.28

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Table 1: Summary of Groundwater-Elevation Data

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Monitoring Well	Date Sampled	Screened Interval (feet, bgs)	Depth-to-Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)
MW-17 (off-site)	19-Apr-95	10.0-20.0	4.48	12.76	8.28
	19-Sep-95		4.78		7.98
	14-Dec-95		3.31		9.45
	6-Mar-96		3.75		9.01
	11-Jun-96		4.55		8.21
	12-Sep-96		4.61		8.15
	9-Dec-96		3.89		8.87
	7-Apr-97		4.71		8.05
	30-Jun-97		4.55		8.21
	29-Sep-97		4.66		8.10
	1-Dec-97		3.49		9.27
	22-Apr-98		4.10		8.66
	27-Jul-98		4.43		8.33
	8-Oct-98		4.69		8.07
	2-Feb-99		3.91		8.85
19-May-99	4.43	8.33			
19-Oct-99	4.86	7.90			
16-Mar-00	3.57	9.19			
MW-18 (off-site) (semi-annual)	19-Apr-95	15.0-25.0	4.79	13.57	8.78
	19-Sep-95		5.00		8.57
	14-Dec-95		3.48		10.09
	6-Mar-96		3.96		9.61
	11-Jun-96		4.86		8.71
	30-Jun-97		4.69		8.88
	29-Sep-97		5.01		8.56
	22-Apr-98		4.14		9.43
	27-Jul-98		4.54		9.03
	2-Feb-99		4.30		9.27
	19-May-99		4.84		8.73
	19-Oct-99		5.02		8.55

ARCADIS GERAGHTY & MILLER

Table 1: Summary of Groundwater-Elevation Data

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Screened Interval (feet, bgs)	Depth-to-Water (feet)	Top of Casing (feet)	Groundwater Elevation (feet)
MW-18A (off-site) (deep well) (semi-annual)	19-Apr-95	35.0-50.0	4.67	13.36	8.69
	19-Sep-95		5.76		7.60
	14-Dec-95		5.60		7.76
	6-Mar-96		3.86		9.50
	11-Jun-96		4.85		8.51
	30-Jun-97		5.08		8.28
	29-Sep-97		5.26		8.10
	22-Apr-98		4.15		9.21
	27-Jul-98		4.86		8.50
	2-Feb-99		4.05		9.31
	19-May-99		4.64		8.72
19-Oct-99		5.42		7.94	
MW-19 (off-site)	19-Apr-95	10.0-25.0	NL		NL
MW-21 (off-site)	19-Apr-95	10.0-25.0	NL		NL
MW-2	19-Apr-95	14.0-21.0	NL		NL
MW-7	19-Apr-95	10.0-13.0	NL		NL

NL = Monitoring well has not been located by ARCADIS Geraghty & Miller.

NM = Not measured

bgs = below ground surface

ARCADIS GERAGHTY & MILLER

Table 2: Summary of Field-Sampling Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Purge Volume		-----Field Measurements-----					
		Calc. (a) (gallons)	Actual (gallons)	pH	SC (µS)	Temp (°C)	Temp (°F)	DO (mg/L)	Redox (mV)
MW-1 (on-site)	13-Sep-96	59	45	6.0	570	18.0	64.4		
	8-Apr-97	45	23	6	730	14.3	57.7		
	30-Sep-97	39	11	8.0	590	19.4	67		
	22-Apr-98	46	17 (b)	7.6	660	26.2	79		
	27-Jul-98	NA	7	7.0	580	21.6		0.78	-4
	8-Oct-98	NA	7	6.9	730	19.4	67	0.74	28
	2-Feb-99	NA	7	6.4	NM	16.8	62	1.10	35
	19-May-99	NA	7	7.1	69	17.1	62.8	7.40	132
	19-Oct-99	NA	7	5.4	611	18.2	64.8	8.46	220
	16-Mar-00	NA	3.5	6.6	759	18.0	64.4	0.23	384
MW-3A (on-site)	19-Sep-95	15	6 (c)	7.3	2,800	21.8	71.2		
	14-Dec-95	3	4	7.0	2,000	18.7	65.6		8
	6-Mar-96	17	8	6.0	1,190	24.7	76.5		
	12-Jun-96	18	8	6.0	620	18.6	65.4		
	12-Sep-96	17	13	7.1	430	19.9	67.9		
	10-Dec-96	17	7	6.0	1,530	20.8	69.5		
	7-Apr-97	13	8	6.0	600	17.4	63.4		
	30-Jun-97	13	3	7.4	440	20.0	68.0		
	30-Sep-97	13	5	7.1	500	22.2	72		
	22-Apr-98	NP	NP	NP	NP	NP	NP		
	27-Jul-98	NA	3	7.3	406	19.9		0.96	-17
	8-Oct-98	NA	3	6.7	220	24.9	77	0.83	12
	2-Feb-99	NA	3	7.7	510	18.6	66	1.30	41
	19-May-99	NA	3	7.1	45	18.5	65.3	1.60	159
	19-Oct-99	NA	3	5.5	218	20.1	68.2	9.81	95
16-Mar-00	NA	2.5	7.0	507	18.9	66.0	-0.01	-46	
MW-3B (on-site) (deep well)	22-Apr-98	3	3	6.9	1,500	19.6	67		
	27-Jul-98	NA	1	7.1	1,050	22.4		1.17	-5
	8-Oct-98	NA	1	6.8	1,200	28.6	83	0.79	-5
	2-Feb-99	NA	1	6.3	800	18.7	66	1.25	41
	19-May-99	NA	1	7.0	143	18.1	64.6	NA	-49
	19-Oct-99	NA	1	6.9	1,530	20.9	69.6	9.59	29
16-Mar-00	NA	2	6.3	1,615	18.1	64.5	0.02	-27	

ARCADIS GERAGHTY & MILLER

Table 2: Summary of Field-Sampling Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Purge Volume		-----Field Measurements-----					
		Calc. (a) (gallons)	Actual (gallons)	pH	SC (µS)	Temp (°C)	Temp (°F)	DO (mg/L)	Redox (mV)
MW-4 (on-site)	19-Sep-95	4	4	7.1	1,970	21.6	70.9		
	15-Dec-95	4	5	6.0	2,350	18.8	65.8		
	6-Mar-96	4	5	NM	2,050	20.7	69.3		
	11-Jun-96	4	5	6.0	1,030	21.5	70.7		
	12-Sep-96	4	4.5	7.3	710	21.8	71.2		
	10-Dec-96	4	5	6.5	2,110	16.1	60.9		
	8-Apr-97	3	3	6.0	850	17.9	64.2		
	30-Jun-97	3	3.1	6.3	1,700	21.0	69.8		
	1-Oct-97	3	3	7.3	1,400	22.2	72		
	22-Apr-98	NM	NM	NM	NM	NM	NM		
	27-Jul-98	NA	1	6.1	1,300	17.5		0.73	21
	8-Oct-98	NA	1	6.6	2,240	20.9	70	0.68	-59
	2-Feb-99	NA	1	7.2	1,800	18.1	65	0.90	-18
	19-May-99	NA	1	6.5	125	17.9	64.2	0.80	-155
	19-Oct-99	NA	1	6.3	1,410	19.5	67.1	10.46	-107
	17-Mar-00	NA	2	6.2	1,118	18.6	65.5	0.28	215
MW-5 (on-site)	30-Jun-97	2	1.8	5.6	2,100	21.0	69.8		
	30-Sep-97	2	1.5	7.6	1,800	24.4	76		
	23-Apr-98	2	1.0 (b)	6.5	4,480	18.1	65		
	27-Jul-98	NA	1	6.8	2,530	21.1		0.75	12
	8-Oct-98	NA	1	6.3	2,600	25.7	78	0.52	-137
	2-Feb-99	NA	1	9.2	390	15.5	60	0.62	125
	19-May-99	NA	1	5.1	1	16.2	61.2	1.40	-158
	19-Oct-99	NA	1	6.4	3,840	19.7	67.5	10.22	131
	16-Mar-00	NA	2	6.3	3,594	16.6	61.8	0.07	-105

ARCADIS GERAGHTY & MILLER

Table 2: Summary of Field-Sampling Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Purge Volume		-----Field Measurements-----					
		Calc. (a) (gallons)	Actual (gallons)	pH	SC (μ S)	Temp ($^{\circ}$ C)	Temp ($^{\circ}$ F)	DO (mg/L)	Redox (mV)
MW-9 (on-site)	13-Sep-96	40	40	7.0	700	17.9	64.3		
	7-Apr-97	29	30	6.0	1,020	18.1	65		
	30-Sep-97	34	32	7.0	790	21.1	70		
	22-Apr-98	36	36	4.9	5,030	19.8	68		
	27-Jul-98	NA	6	5.8	2,300	22.6		0.80	73
	8-Oct-98	NA	6	6.3	2,600	26.6	80	0.76	-12
	2-Feb-99	NA	6	9.6	80	16.8	62	1.88	264
	19-May-99	NA	6	6.7	0.32	17.1	62.8	1.40	-260
	19-Oct-99	NA	6	5.2	2,490	19.8	67.6	9.11	-140
	16-Mar-00	NA	4	6.2	649	18.8	65.8	0.00	-49
MW-10 (on-site)	30-Sep-97	32	7	6.4	2,700	23.3	74		
	22-Apr-98	33	19 (b)	7.0	2,810	18.8	66		
	27-Jul-98	NA	6	6.2	1,560	18.2	18	0.78	4
	8-Oct-98	NA	6	6.5	2,330	22.5	73	0.77	-180
	2-Feb-99	NA	6	8.6	2,800	17.8	64	0.47	93
	19-May-99	NA	6	6.6	128	17.8	64.0	0.80	-222
	19-Oct-99	NA	6	6.4	1,620	19.3	66.7	10.71	38
	17-Mar-00	NA	2	6.5	546	17.8	64.1	0.32	165
MW-11 (on-site)	12-Sep-96	122	125	6.3	650	18.4	65.2		
	7-Apr-97	91	90	6.0	810	16.8	62.2		
	30-Sep-97	94	90	6.6	600	22.2	72		

Well is being used for injections and is no longer monitored.

ARCADIS GERAGHTY & MILLER

Table 2: Summary of Field-Sampling Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Purge Volume		-----Field Measurements-----					
		Calc. (a) (gallons)	Actual (gallons)	pH	SC (μ S)	Temp ($^{\circ}$ C)	Temp ($^{\circ}$ F)	DO (mg/L)	Redox (mV)
MW-12 (on-site)	19-Sep-95	39	40	6.2	2,320	21.7	71.1		
	14-Dec-95	56	60	6.0	2,180	20.6	69.1		
	6-Mar-96	55	55	6.0	2,570	22.2	71.9		
	12-Jun-96	53	55	6.0	1,200	18.6	65.5		
	12-Sep-96	52	55	6.4	980	18.7	65.7		
	10-Dec-96	55	55	6.0	2,820	21.8	71.3		
	7-Apr-97	39	40	6.0	1,160	16.5	61.7		
	30-Jun-97	39	39	5.8	1,300	19.0	66.2		
	30-Sep-97	39	35	6.4	1,150	21.7	71		
	22-Apr-98	40	40	6.1	1,400	19.1	66		
	27-Jul-98	NA	7	5.2	1,490	22.1		0.82	105
	8-Oct-98	NA	7	6.6	820	30.8	87	0.91	31
	2-Feb-99	NA	7	13.0	3,430	18.2	65	0.60	-366
	19-May-99	NA	7	6.4	72	17.9	64.2	0.80	-294
	19-Oct-99	NA	7	5.4	2,820	21.3	70.3	9.30	217
	16-Mar-00	NA	3	3.7	2,082	17.9	64.2	0.04	235
MW-13 (on-site)	19-Sep-95	36	35	6.4	2,610	20.9	69.6		
	15-Dec-95	56	25 (b)	6.0	2,990	20.3	68.6		
	6-Mar-96	51	30 (b)	6.0	2,120	21.9	71.4		
	11-Jun-96	49	30 (b)	6.0	1,500	23.3	74.0		
	13-Sep-96	47	45	6.0	980	18.7	65.7		
	10-Dec-96	53	55	6.0	2,570	20.6	69.1		
	7-Apr-97	35	35	6.0	1,290	17.2	62.9		
	30-Jun-97	36	24 (b)	6.2	1,220	22.0	71.6		
	30-Sep-97	35	25	7.1	1,120	21.1	70		
	23-Apr-98	38	21 (b)	5.4	3,530	17.6	64		
	27-Jul-98	NA	7	7.0	1,920	20.4		0.70	0
	8-Oct-98	NA	7	6.7	2,310	26.9	80	0.78	-187
	2-Feb-99	NA	7	8.8	610	16.9	62	0.60	-109
	19-May-99	NA	7	5.5	1	17.4	63.3	0.80	-243
	19-Oct-99	NA	7	8.0	3,490	21.0	69.8	10.18	118
	16-Mar-00	NA	2	6.8	1,433	17.4	63.3	0.23	-71

ARCADIS GERAGHTY & MILLER

Table 2: Summary of Field-Sampling Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Purge Volume		-----Field Measurements-----					
		Calc. (a) (gallons)	Actual (gallons)	pH	SC (μ S)	Temp ($^{\circ}$ C)	Temp ($^{\circ}$ F)	DO (mg/L)	Redox (mV)
MW-14 (on-site)	12-Sep-96	48	15 (b)	6.0	820	18.8	65.8		
	8-Apr-97	36	16	6.0	540	17.9	64.2		
	30-Sep-97	36	8	3.7	5,000	20.6	69		
	23-Apr-98	NM	NM	NM	NM	NM	NM		
	27-Jul-98	NA	7	5.0	2,360	21.3		0.70	98
	8-Oct-98	Not accessible							
	2-Feb-99	NA	7	9.1	800	18.3	65	0.53	117
	19-May-99	NA	7	4.5	1	18.4	65.1	1.20	-72
	19-Oct-99	NA	7	6.8	5,550	21.9	71.4	10.25	148
	16-Mar-00	NA	2	6.3	562	19.0	66.2	0.20	-75
MW-20 (on-site) (deep well) (semi-annual)	19-Sep-95	89	90	6.9	2,530	20.2	68.4		
	15-Dec-95	117	120	7.0	2,560	21.4	70.6		
	6-Mar-96	121	125	6.0	950	21.1	69.9		
	11-Jun-96	119	120	6.0	780	20.3	68.5		
	12-Sep-96	117	120	6.8	450	20.5	68.9		
	7-Apr-97	188	90	6.0	750	18.3	64.9		
	1-Oct-97	88	80	7.8	490	20.6	69		
	22-Apr-98	NP	NP	NP	NP	NP	NP	0.72	-2
	27-Jul-98	NA	15	6.1	480	19.3			
	2-Feb-99	NA	15	5.5	NM	18.7	66	NM	87
	19-May-99	NA	15	6.8	55	19.2	66.6	0.70	70
	19-Oct-99	NA	15	7.6	517	19.6	67.3	10.12	224

ARCADIS GERAGHTY & MILLER

Table 2: Summary of Field-Sampling Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Purge Volume		-----Field Measurements-----					
		Calc. (a) (gallons)	Actual (gallons)	pH	SC (µS)	Temp (°C)	Temp (°F)	DO (mg/L)	Redox (mV)
MW-6 (off-site)	19-Sep-95	3	5	7.0	1,482	21.3	70.3		
	14-Dec-95	2	3	6.5	3,650	19.8	67.6		
	6-Mar-96	3	3	6.0	3,750	21.9	71.5		
	11-Jun-96	2	2	6.5	1,900	22.6	72.7		
	12-Sep-96	4	4	7.3	1,550	21.8	71.3		
	10-Dec-96	4	6.5	6.5	3,780	19.4	66.9		
	8-Apr-97	3	3	6.0	1,530	17.1	62.8		
	30-Jun-97	3	2.9	6.7	1,700	22.0	71.6		
	30-Sep-97	3	2.5	7.6	1,750	21.7	71		
	22-Apr-98	3	3	7.0	1,890	22.3	72		
	27-Jul-98	NA	1	6.7	1,330	21.9		0.77	-14
	8-Oct-98	NA	1	7.0	1,420	23.7	75	0.78	116
	2-Feb-99	NA	1	6.6	2,470	17.6	64	1.06	138
	19-May-99	NA	1	7.0	96	17.6	63.7	0.80	187
	19-Oct-99	NA	1	6.4	1,020	21.3	70.3	10.41	220
	17-Mar-00	NA	1.5	6.9	1,029	18.6	65.5	0.31	234
MW-8	17-Mar-00	NA	55	6.6	2,001	18.6	65.5	0.89	-9
MW-15	17-Mar-00	NA	55	6.3	2,136	18.7	65.7	0.31	-7

ARCADIS GERAGHTY & MILLER

Table 2: Summary of Field-Sampling Data
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Purge Volume		-----Field Measurements-----					
		Calc. (a) (gallons)	Actual (gallons)	pH	SC (μ S)	Temp ($^{\circ}$ C)	Temp ($^{\circ}$ F)	DO (mg/L)	Redox (mV)
MW-16 (off-site)	19-Sep-95	40	40	6.7	1,710	NM	NM		
	14-Dec-95	54	55	6.5	2,750	18.0	64.4		
	6-Mar-96	55	55	6.0	1,800	15.4	59.8		
	11-Jun-96	53	55	6.0	1,370	25.3	77.5		
	12-Sep-96	53	55	7.2	980	20.5	68.9		
	10-Dec-96	54	55	6.5	2,730	19.5	67.1		
	8-Apr-97	39	40	6.0	110	14.9	58.9		
	30-Jun-97	40	30 (b)	6.4	1,100	21.0	69.8		
	1-Oct-97	39	35	7.4	1,050	20.0	68		
	23-Apr-98	40	40	8.0	910	17.8	64		
	27-Jul-98	NA	6	6.4	936	23.0		0.75	6
	8-Oct-98	NA	6	6.6	970	17.9	64	0.72	34
	2-Feb-99	NA	6	6.6	290	17.2	63	0.63	193
	19-May-99	NA	6	6.7	130	17.6	63.7	0.80	183
	19-Oct-99	NA	6	5.8	1,500	20.4	68.7	9.14	228
17-Mar-00	NA	2	6.3	1,549	18.2	64.8	0.12	301	
MW-17 (off-site)	19-Sep-95	39	40	6.8	2,410	22.3	72.1		
	14-Dec-95	55	20 (b)	6.0	3,140	18.5	65.3		
	6-Mar-96	54	26 (b)	7.0	2,630	16.2	61.1		
	11-Jun-96	52	30 (b)	6.0	1,600	18.8	65.8		
	12-Sep-96	51	40	7.1	1,270	21.2	70.1		
	10-Dec-96	54	55	6.5	2,000	20.8	69.4		
	8-Apr-97	38	25	6.0	1,370	15.9	60.6		
	30-Jun-97	39	38	6.4	1,400	20.0	68.0		
	1-Oct-97	39	35	7.2	1,300	22.2	72		
	22-Apr-98	40	40	7.6	1,430	23.7	75		
	27-Jul-98	NA	5	6.4	1,010	23.6		0.76	11
	8-Oct-98	NA	5	6.7	1,030	22.6	73	0.76	252
	2-Feb-99	NA	5	6.5	2,500	17.6	64	1.16	184
	19-May-99	NA	5	6.7	136	16.8	62.2	0.70	185
	19-Oct-99	NA	5	5.8	1,310	19.6	67.3	8.64	218
16-Mar-00	NA	3.5	6.4	1,286	17.0	62.5	0.46	166	

ARCADIS GERAGHTY & MILLER

Table 2: Summary of Field-Sampling Data

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Purge Volume		-----Field Measurements-----					
		Calc. (a) (gallons)	Actual (gallons)	pH	SC (μ S)	Temp ($^{\circ}$ C)	Temp ($^{\circ}$ F)	DO (mg/L)	Redox (mV)
MW-18 (off-site) (semi-annual)	19-Sep-95	40	20 (b)	4.1	1,920	23.1	73.6		
	14-Dec-95	57	57	5.0	3,140	20.7	69.2		
	6-Mar-96	56	55	5.0	2,480	20.6	69.0		
	11-Jun-96	54	55	5.0	1,280	18.2	64.8		
	30-Jun-97	40	35 (b)	3.5	1,400	23.0	73.4		
	1-Oct-97	40	15 (b)	3.7	1,310	20.6	69		
	22-Apr-98	41	41	4.0	1,340	22.7	73	0.78	182
	27-Jul-98	NA	7	4.2	1,110	18.8			
	2-Feb-99	NA	7	6.5	2,050	18.5	65	2.05	191
	19-May-99	NA	7	7.6	50	12.8	55.0	0.80	267
	19-Oct-99	NA	7	2.8	1,480	21.1	70.0	8.33	359
	MW-18A (off-site) (deep well) (semi-annual)	19-Sep-95	68	20 (c)	6.0	920	22.3	72.1	
15-Dec-95		91	40 (b)	6.5	1,960	18.3	64.9		
6-Mar-96		96	80	6.0	810	19.9	67.8		
11-Jun-96		93	95	6.0	680	18.4	65.2		
30-Jun-97		70	69	7.6	500	21.0	69.8		
1-Oct-97		69	69	7.8	490	21.7	71		
22-Apr-98		NP	NP	NP	NP	NP	NP	0.70	-39
27-Jul-98		NA	15	6.6	430	19.6			
2-Feb-99		NA	15	5.1	1,900	17.8	64	1.40	348
19-May-99		NA	15	3.8	138	17.6	63.7	1.20	428
19-Oct-99	NA	15	7.1	541	19.7	67.5	8.81	218	

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Table 2: Summary of Field-Sampling Data

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	Purge Volume		-----Field Measurements-----					
		Calc. (a) (gallons)	Actual (gallons)	pH	SC (μ S)	Temp ($^{\circ}$ C)	Temp ($^{\circ}$ F)	DO (mg/L)	Redox (mV)
MW-20	19-Sep-95	89	90	6.9	2,530	20.2	68.4		
(on-site)	15-Dec-95	117	120	7.0	2,560	21.4	70.6		
(deep well)	6-Mar-96	121	125	6.0	950	21.1	69.9		
(semi-annual)	11-Jun-96	119	120	6.0	780	20.3	68.5		
	12-Sep-96	117	120	6.8	450	20.5	68.9		
	7-Apr-97	188	90	6.0	750	18.3	64.9		
	1-Oct-97	88	80	7.8	490	20.6	69		
	22-Apr-98	NP	NP	NP	NP	NO	NP		
	27-Jul-98	NA	15	6.1	480	19.3		0.72	-2
	2-Feb-99	NA	15	5.5	NM	18.7	66	NM	87
	19-May-99	NA	15	6.8	55	19.2	66.6	0.70	70
	19-Oct-99	NA	15	7.6	517	19.6	67.3	10.12	224

(a) Based on three casing volumes.

Beginning July 1998, low-flow sampling methods were employed; three casing volume calculation is no longer used.

(b) Purged dry.

(c) Represents approximately one casing volume. Equipment problems encountered during sampling.

(μ S) micro Siemens

(mV) millivolts

(mg/L) micrograms per liter

NA not applicable

NM not measured

NP not purged

SC specific conductance

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Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)		
MW-1 (on-site)	21.0-29.0	24-Aug-77	200	NA		
		15-Sep-81	ND(<1)	NA		
		11-Oct-81	1	NA		
		24-Nov-81	2.5	NA		
		21-Dec-81	32	NA		
		26-Feb-85	ND(<20)	ND(<20)		
		15-Nov-91	ND(<50)	50		
		20-Apr-95	NL	NL		
		13-Sep-96	330	ND(<5.0)		
		8-Apr-97	320	ND(<5.0)		
		Apr-97	On-Site Remediation Injection Event			
		1-Oct-97	ND(<10)	ND(<5.0)		
		Feb-98	On-Site Remediation Injection Event			
		23-Apr-98	ND(<10)	ND(<5.0)		
		28-Jul-98	ND(<10)	ND(<5.0)		
		8-Oct-98	ND(<10)	ND(<5.0)		
		3-Feb-99	ND(<10)	ND(<5.0)		
		Mar-99	On-Site Remediation Injection Event			
		25-Jun-99	ND(<10.0)	ND(<5.00)		
		20-Oct-99	ND(<10)	ND(<5.0)		
		16-Mar-00	ND(<10)	ND(<50)		
		MW-3A (on-site) (deep well)	57.0-61.0	24-Aug-77	50	NA
				15-Sep-81	ND (<1)	NA
11-Oct-81	ND (<1)			NA		
24-Nov-81	230			NA		
21-Dec-81	14			NA		
26-Feb-85	770			80		
29-Oct-91	130			ND (<500)		
20-Apr-95	36			ND (<5.0)		
19-Sep-95	65			ND (<5.0)		
14-Dec-95	110			7.5		
8-Mar-96	92			ND (<5.0)		
11-Jun-96	51			ND (<5.0)		
13-Sep-96	ND(<10)			ND (<5.0)		
11-Dec-96	13 (d)			ND (<5.0)		
7-Apr-97	14			ND (<5.0)		
Apr-97	On-Site Remediation Injection Event					
30-Jun-97	67			5.0		
1-Oct-97	36			ND(<5.0)		
4-Dec-97	94			29		
Feb-98	On-Site Remediation Injection Event					
23-Apr-98	43			ND(<5.0)		
28-Jul-98	210			62		
8-Oct-98	270			ND(<5.0)		
2-Feb-99	120	ND(<5.0) (f)				
Mar-99	On-Site Remediation Injection Event					
25-Jun-99	ND(<10.0)	ND(<5.00)				
20-Oct-99	ND(<10)	ND(<5.0)				
16-Mar-00	16	ND(<50)				

ARCADIS GERAGHTY & MILLER

Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)	
MW-3B (on-site) (c)	16.0-18.0	24-Aug-77	60	NA	
		15-Sep-81	ND (<1)	NA	
		11-Oct-81	480	NA	
		24-Nov-81	2,000	NA	
		21-Dec-81	190	NA	
		29-Oct-91	110,000	100,000	
		20-Apr-95	8,000	7,600	
		22-Aug-95	13,000	12,000	
		22-Aug-95	Pilot test injection event into MW-11.		
		20-Oct-95	180	ND(<5.0)	
		22-Dec-95	Pilot test injection event into MW-11.		
		4-Jan-96	Pilot test injection event into MW-11.		
		19-Jan-96	Pilot test injection event into MW-11.		
		1-Feb-96	Pilot test injection event into MW-11.		
		16-Feb-96	3,300	1,100	
		Apr-97	On-Site Remediation Injection Event		
		Feb-98	On-Site Remediation Injection Event		
		23-Apr-98	340	ND(<5.0)	
		28-Jul-98	150	ND(<5.0)	
		8-Oct-98	45	ND(<5.0)	
		2-Feb-99	270	95 (f)	
		Mar-99	On-Site Remediation Injection Event		
		25-Jun-99	ND(<10.0)	ND(<50.0)	
20-Oct-99	49	ND(<5.0)			
16-Mar-00	110	ND(<50)			
MW-3C (on-site)	11.0-14.0	24-Aug-77	18,000	NA	
		15-Sep-81	30,000	NA	
		11-Oct-81	28,000	NA	
		24-Nov-81	22,000	NA	
		21-Dec-81	17,000	NA	
		26-Feb-85	7,250	6,300	
		29-Oct-91	2,300	1,600	
		20-Apr-95	1,400	ND (<5.0)	
		Apr-97	On-Site Remediation Injection Event		
		Feb-98	On-Site Remediation Injection Event		
		Mar-99	On-Site Remediation Injection Event		

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Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)		
MW-4 (on-site)	16.0-20.0	24-Aug-77	90,000	67,000		
		15-Sep-81	57,000	NA		
		11-Oct-81	61,000	NA		
		24-Nov-81	56,000	NA		
		21-Dec-81	55,000	NA		
		26-Feb-85	59,000	59,000		
		1-Jun-91	17,000	17,800		
		11-Oct-91	22,000	22,000		
		28-Jul-94	NA	6,300		
		21-Apr-95	16,000	17,000		
		19-Sep-95	14,000	15,000		
		15-Dec-95	16,000	16,000		
		8-Mar-96	16,000	23,000		
		11-Jun-96	5,400	9,100		
		13-Sep-96	14,000	1,400		
		11-Dec-96	17,000 (d)	47,000		
		8-Apr-97	13,000	16,000		
		Apr-97	On-Site Remediation Injection Event			
		30-Jun-97	200	ND(<5.0)		
		1-Oct-97	76	ND(<5.0)		
		2-Dec-97	170	ND(<5.0)		
		Feb-98	On-Site Remediation Injection Event			
		23-Apr-98	Access blocked by construction activity at 1421 Park Avenue.			
		28-Jul-98	110	ND(<5.0)		
		9-Oct-98	190	ND(<5.0)		
		3-Feb-99	ND(10)	ND(<5.0) (f)		
		Mar-99	On-Site Remediation Injection Event			
		25-Jun-99	ND(<10.0)	ND(<5.00)		
		21-Oct-99	28	ND(<5.0)		
		17-Mar-00	15	ND(<50)		
		MW-5 (on-site)	11.0-15.0	24-Aug-77	360,000	295,000
				11-Oct-81	880,000	2,240
				24-Nov-81	610,000	NA
21-Dec-81	280,000			NA		
26-Feb-85	480,000			480,000		
1-Jun-91	390,000			NA		
11-Oct-91	260,000			250,000		
28-Jul-94	NA			454,000		
21-Apr-95	140,000			160,000		
Apr-97	On-Site Remediation Injection Event					
30-Jun-97	16,000			5,800		
1-Oct-97	4,400			ND(<5.0)		
Feb-98	On-Site Remediation Injection Event					
23-Apr-98	Access blocked by construction activity at 1421 Park Avenue.					
28-Jul-98	670			ND(<500)		
9-Oct-98	540			38		
2-Feb-99	260			ND(<5.0) (f)		
Mar-99	On-Site Remediation Injection Event					
25-Jun-99	3,800			ND(<50.0)		
20-Oct-99	690			ND(<50)		
16-Mar-00	86			ND(<50)		

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Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)		
MW-9 (on-site)	17.5-24.5	15-Jan-81	258,000	185,000		
		26-Feb-85	892,000	877,000		
		11-Oct-91	140,000	130,000		
		21-Apr-95	66,000	70,000		
		13-Sep-96	56,000	5,800		
		7-Apr-97	74,000	76,000		
		Apr-97	On-Site Remediation Injection Event			
		1-Oct-97	67,000	44,000		
		2-Dec-97	5,900	6,800		
		Feb-98	On-Site Remediation Injection Event			
		23-Apr-98	11,000	ND(<5.0)		
		28-Jul-98	3,900	ND(<500)		
		8-Oct-98	3,100	ND(<50)		
		2-Feb-99	3,000	ND(<50) (e) (f)		
		Mar-99	On-Site Remediation Injection Event			
		25-Jun-99	1,400	ND(<50.0)		
		20-Oct-99	700	ND(<50)		
		16-Mar-00	226	ND(<50)		
		MW-10 (on-site) (c)	17.5-24.5	15-Jan-81	17,000	14,000
				26-Feb-85	746,000	740,000
11-Oct-91	490,000			450,000		
21-Apr-95	160,000			170,000		
21-Aug-95	Pilot test injection event into MW-11.					
22-Aug-95	150,000			150,000		
20-Oct-95	78,000			86,000		
22-Dec-95	Pilot test injection event into MW-11.					
16-Feb-96	16,000			23,000		
14-Mar-96	Pilot test injection event into MW-11.					
9-May-96	11,000			ND(<50)		
8-Apr-97	6,500			ND(<5.0)		
Apr-97	On-Site Remediation Injection Event					
1-Oct-97	640			14		
2-Dec-97	510			ND(<5.0)		
Feb-98	On-Site Remediation Injection Event					
23-Apr-98	500			9		
28-Jul-98	240			ND(<500)		
9-Oct-98	250			12		
2-Feb-99	77			ND(<5.0) (f)		
Mar-99	On-Site Remediation Injection Event					
25-Jun-99	240	ND(<5.0)				
20-Oct-99	200	ND(<50)				
17-Mar-00	88	ND(<50)				

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Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)	
MW-11 (on-site) (c)	16.0-29.0	14-Jan-81	129,000	115,000	
		21-Jul-81	340	34	
		26-Feb-85	2,440	2,410	
		11-Oct-91	470	410	
		20-Apr-95	420	950	
		22-Aug-95	360	220	
		22-Aug-95	Pilot test injection event into MW-11.		
		20-Oct-95	90	ND(<5.0)	
		22-Dec-95	Pilot test injection event into MW-11.		
		4-Jan-96	Pilot test injection event into MW-11.		
		19-Jan-96	Pilot test injection event into MW-11.		
		1-Feb-96	Pilot test injection event into MW-11.		
		16-Feb-96	430	ND(<5.0)	
		13-Sep-96	170	6.0	
		7-Apr-97	630	ND(<5.0)	
		Apr-97	On-Site Remediation Injection Event		
		1-Oct-97	510	ND(<50)	
		2-Dec-97	720	400	
		Feb-98	On-Site Remediation Injection Event		
		Mar-99	On-Site Remediation Injection Event		
MW-12 (on-site) (c)	17.5-28.5	14-Jan-81	32,000	12,000	
		26-Feb-85	240,000	240,000	
		1-Jun-91	38,000	29,700	
		11-Oct-91	44,000	39,000	
		20-Apr-95	10,000	10,000	
		19-Sep-95	18,000	19,000	
		14-Dec-95	17,000	20,000	
		22-Dec-95	Pilot Test: 330 gallons innoc.10:1 into OW-1.		
		16-Feb-96	16,000	1,300	
		11-Jun-96	130	16	
		13-Sep-96	260	ND(<5.0)	
		11-Dec-96	1,100 (d)	1,400	
		7-Apr-97	2,000	690	
		Apr-97	On-Site Remediation Injection Event		
		30-Jun-97	440	26	
		1-Oct-97	170	ND(<5.0)	
		2-Dec-97	100	ND(<5.0)	
		Feb-98	On-Site Remediation Injection Event		
		23-Apr-98	150	ND(<5.0)	
		28-Jul-98	69	ND(<500)	
		8-Oct-98	91	ND(<5.0)	
		2-Feb-99	3,300	ND(<50) (e) (f)	
		Mar-99	On-Site Remediation Injection Event		
		25-Jun-99	140	ND(<50.0)	
		20-Oct-99	390	ND(<5.0)	
		16-Mar-00	400	ND(<50)	

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Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)	
MW-13 (on-site)	10.5-15.5	14-Jan-81	381,000	325,000	
		26-Feb-85	676,000	676,000	
		11-Oct-91	510,000	430,000	
		28-Jul-94	230,000	130,000	
		20-Apr-95	210,000	220,000	
		19-Sep-95	200,000	210,000	
		15-Dec-95	170,000	210,000	
		8-Mar-96	170,000	200,000	
		11-Jun-96	170,000	160,000	
		13-Sep-96	160,000	13,000	
		11-Dec-96	160,000 (d)	170,000	
		7-Apr-97	150,000	160,000	
		Apr-97	On-Site Remediation Injection Event		
		30-Jun-97	92,000	69,000	
		1-Oct-97	63,000	40,000	
		2-Dec-97	33,000	28,000	
		Feb-98	On-Site Remediation Injection Event		
		23-Apr-98	7,900	2,500	
		28-Jul-98	1,800	ND(<500)	
		9-Oct-98	1,800	ND(<5.0)	
		2-Feb-99	370	ND(<5.0) (f)	
		Mar-99	On-Site Remediation Injection Event		
		25-Jun-99	2,500	ND(<50.0)	
		20-Oct-99	1,900	ND(<50)	
		16-Mar-00	178	ND(<50)	
		MW-14 (on-site)	15.0-25.0	26-Feb-85	654,000
11-Oct-91	320,000			310,000	
21-Apr-95	130,000			140,000	
13-Sep-96	100,000			9,700	
8-Apr-97	93,000			100,000	
Apr-97	On-Site Remediation Injection Event				
1-Oct-97	9,100			ND(<5.0)	
2-Dec-97	1,400			ND(<5.0)	
Feb-98	On-Site Remediation Injection Event				
28-Jul-98	1,600			ND(<500)	
26-Oct-98	970			52	
2-Feb-99	480			ND(<50) (e) (f)	
1-Mar-99	On-Site Remediation Injection Event				
25-Jun-99	2,500			ND(<50.0)	
20-Oct-99	1,300			ND(<250)	
16-Mar-00	29			ND(<50)	

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Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)		
MW-20 (on-site) (deep well)	31.0-51.0	21-Jun-83	1,300	1,200		
		11-Aug-83	90	40		
		26-Feb-85	ND (<20)	ND (<20)		
		11-Oct-91	ND (<50)	14		
		21-Apr-95	ND (<10)	ND (<5.0)		
		19-Sep-95	ND (<10)	ND (<5.0)		
		15-Dec-95	22	ND (<5.0)		
		8-Mar-96	22	ND (<5.0)		
		11-Jun-96	96	ND (<0.0050)		
		13-Sep-96	120	ND(5.0)		
		7-Apr-97	55	ND(<5.0)		
		Apr-97	On-Site Remediation Injection Event			
		1-Oct-97	ND(<10)	ND(<5.0)		
		Feb-98	On-Site Remediation Injection Event			
		23-Apr-98	ND(<10)	ND(<5.0)		
		28-Jul-98	ND(<10)	ND(<5.0)		
		3-Feb-99	ND(<10)	ND(<5.0)		
		Mar-99	On-Site Remediation Injection Event			
		25-Jun-99	ND(<10.0)	ND(<50.0)		
		21-Oct-99	ND(<10)	ND(<5.0)		
		MW-6 (off-site)	13.0-17.0	15-Sep-81	630	NA
				11-Oct-81	80	NA
				24-Nov-81	790	NA
21-Dec-81	630			NA		
26-Feb-85	3,330			3,300		
11-Oct-91	31,000			25,000		
28-Jul-94	NA			4,800		
20-Apr-95	39,000			40,000		
19-Sep-95	45,000			43,000		
14-Dec-95	35,000			50,000		
8-Mar-96	42,000			50,000		
11-Jun-96	41,000			44,000		
13-Sep-96	46,000			44,000		
11-Dec-96	45,000 (d)			54,000		
8-Apr-97	45,000			48,000		
30-Jun-97	44,000			43,000		
1-Oct-97	52,000			21,000		
2-Dec-97	50,000			46,000		
23-Apr-98	47,000			48,000		
28-Jul-98	47,000			55,000		
9-Oct-98	36,000			330		
4-Feb-99	15,000			31,000		
25-Jun-99	17,000			1,400		
21-Oct-99	8,600	11,000				
17-Mar-00	8,800	418				

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Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
MW-8 (off-site)	16.0-22.0	15-Sep-81	ND (<1)	NA
		11-Oct-81	2	NA
		24-Nov-81	3	NA
		21-Dec-81	70	NA
		26-Feb-85	ND (<20)	ND (<20)
		1-Jun-91	NA	NA
		11-Oct-91	ND (<50)	ND (<10)
		21-Apr-95	33	ND (<5.0)
		17-Mar-00	16	ND (<50)
		MW-15 (off-site)	15.0-25.0	26-Feb-85
1-Jun-91	30			NA
11-Oct-91	ND (<50)			ND (<10)
28-Jul-94	NA			ND (<10)
21-Apr-95	ND (<10)			ND (<5.0)
		17-Mar-00	ND (<10)	ND (<50)
MW-16 (off-site) (c)	12.0-22.0	26-Feb-85	460,000	460,000
		11-Oct-91	240,000	290,000
		28-Jul-94	120,000	320,000
		20-Apr-95	100,000	100,000
		19-Sep-95	83,000	87,000
		14-Dec-95	57,000	74,000
		8-Mar-96	73,000	83,000
		11-Jun-96	67,000	20,000
		13-Sep-96	60,000	6,400
		11-Dec-96	65,000 (d)	73,000
		8-Apr-97	57,000	64,000
		30-Jun-97	67,000	57,000
		1-Oct-97	67,000	27,000
		2-Dec-97	24,000	32,000
		23-Apr-98	56,000	54,000
		28-Jul-98	17,000	14,000
		9-Oct-98	29,000	2,400
4-Feb-99	92,000	93,000		
25-Jun-99	94,000	5,690		
21-Oct-99	86,000	98,000		
		17-Mar-00	86,000	ND (<50)

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Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
MW-17 (off-site)	10.0-20.0	26-Feb-85	90,000	38,200
		11-Oct-91	250,000	300,000
		28-Jul-94	190,000	200,000
		20-Apr-95	150,000	160,000
		19-Sep-95	170,000	180,000
		14-Dec-95	160,000	200,000
		8-Mar-96	140,000	150,000
		11-Jun-96	130,000	150,000
		13-Sep-96	130,000	12,000
		11-Dec-96	170,000 (d)	200,000
		8-Apr-97	160,000	160,000
		30-Jun-97	120,000	83,000
		1-Oct-97	91,000	52,000
		2-Dec-97	97,000	60,000
		23-Apr-98	85,000	10,000
		28-Jul-98	50,000	65,000
		9-Oct-98	60,000	420
		4-Feb-99	120,000	110,000
		25-Jun-99	110,000	5,290
		21-Oct-99	90,000	97,000
	16-Mar-00	24,800	ND (<50)	
MW-18 (off-site) (semi-annual)	15.0-25.0	26-Feb-85	60,500	55,000
		1-Jun-91	NA	NA
		11-Oct-91	31,000	24,000
		28-Jul-94	NA	NA
		22-Apr-95	24,000	23,000
		19-Sep-95	25,000	27,000
		14-Dec-95	20,000	22,000
		8-Mar-96	22,000	23,000
		11-Jun-96	19,000	17,000
		30-Jun-97	16,000	11,000
		1-Oct-97	20,000	14,000
		24-Apr-98	11,000	9,400
		28-Jul-98	12,000	5,000
		4-Feb-99	16,000	50
		25-Jun-99	9,300	780
21-Oct-99	7,900	9,400		
MW-18A (off-site) (deep well) (semi-annual)	35.0-50.0	22-Jun-83	20	ND (<20)
		26-Feb-85	ND (<20)	ND (<20)
		11-Oct-91	ND (<50)	ND (<10)
		20-Apr-95	ND (<10)	ND (<5.0)
		19-Sep-95	ND (<10)	ND (<5.0)
		15-Dec-95	17	ND (<5.0)
		8-Mar-96	ND (<50)	ND (<5.0)
		11-Jun-96	38	ND (<0.0050)
		30-Jun-97	1,100	840
		1-Oct-97	490	430
		23-Apr-98	64	52
		28-Jul-98	59	55
		4-Feb-99	ND (<10)	50
		25-Jun-99	1,500	ND (<5.00)
21-Oct-99	ND (<10)	ND (<5.0)		

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Table 3: Cumulative Groundwater-Sample Analytical Results-Total and Hexavalent Chromium
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Screened Interval	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
MW-2	14.0-21.0	24-Aug-77	60	NA
		15-Sep-81	ND(<1)	NA
		11-Oct-81	4	NA
		24-Nov-81	1.1	NA
		21-Dec-81	2	NA
		19-Apr-95	NL	
MW-7	10.0-13.0	19-Apr-95	NL	
MW-19	10.0-25.0	22-Jun-83	ND (<20)	ND (<20)
		26-Feb-85	20	20
		19-Apr-95	NL	
MW-21	10.0-25.0	21-Jun-83	20	ND (<20)
		26-Feb-85	40	ND (<20)
		19-Apr-95	NL	
OW-1	5.0-20.0	22-Aug-95	19,000	22,000
		22-Aug-95	Pilot test injection event into MW-11.	
		20-Oct-95	24,000	32,000
		22-Dec-95	Pilot test injection event into MW-11.	
		22-Dec-95	Pilot test injection event into MW-11.	
		4-Jan-96	Pilot test injection event into MW-11.	
		19-Jan-96	Pilot test injection event into MW-11.	
		1-Feb-96	Pilot test injection event into MW-11.	
		16-Feb-96	4,800	ND(<5.0)
OW-2	5.0-20.0	22-Aug-95	36,000	36,000
		22-Aug-95	Pilot test injection event into MW-11.	
		18-Sep-95	70,000	77,000
		20-Oct-95	51,000	58,000
		22-Dec-95	Pilot test injection event into MW-11.	
		4-Jan-96	Pilot test injection event into MW-11.	
		19-Jan-96	Pilot test injection event into MW-11.	
		1-Feb-96	Pilot test injection event into MW-11.	
		16-Feb-96	6,900	89
DP-1	NA	20-Oct-95	10,000	6.1
		14-Mar-96	Pilot test injection event into DP-1.	

(a) Analysis by USEPA Method 200.7.

(b) Analysis by USEPA Method 7196.

(c) Denotes well that was part of the pilot study performed from August 1995 through February 1996.

(d) Laboratory indicates results are questionable due to samples being marked "preserved" which were not.

(e) Laboratory reports detection limits raised due to matrix interference.

(f) Laboratory reports samples were analyzed past EPA recommended holding time.

ND() Not detected; laboratory method detection limit in parentheses
 µg/L micrograms per liter

NA Not available

NL Not located by ARCADIS Geraghty & Miller

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).

ARCADIS GERAGHTY & MILLER
Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
MW-1	21-Mar-85	21	33	---	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---	---
(on-site)	15-Nov-91	0.6	11	---	4.8	0.5	ND(<1)	ND(<0.5)	1.6	---	---	---	---	---
(SI 21.0-29.0)	13-Sep-96	ND(<0.50)	14	1.9	ND(<0.50)	0.63	ND(<1.0)	ND(<0.50)	ND(<0.50)	0.78	---	---	---	---
	8-Apr-97	ND(<0.50)	13	1.2	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	Apr-97	On-site Remediation Injection Event												
	1-Oct-97	ND(<0.50)	16	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	Feb-98	On-site Remediation Injection Event												
	24-Apr-98	---	---	---	---	---	---	---	---	---	---	32.2	0.009	<.005
	19-May-98	ND(<0.50)	33	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	28-Jul-98	ND(<1.0)	28	6.0	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	---	---	---	---
	29-Jul-98	---	---	---	---	---	---	---	---	---	---	20.5	0.054	16.5
	8-Oct-98	ND(0.50)	17	1.7	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	13.7	0.057	0.042
	3-Feb-99	ND(0.50)	38	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	Mar-99	On-site Remediation Injection Event												
	20-May-99	ND(0.50)	30	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	20-Oct-99	ND(0.50)	33	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	16-Mar-00	ND(0.500)	22.4	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<1.00)	ND(<0.500)	ND(<0.500)	ND(<0.500)	---	---	---	---

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
1421 Associates Property, 1421 Park Avenue
Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
MW-3A	29-Oct-91	ND(<0.5)	ND(<0.5)	---	ND(<0.5)	ND(<0.5)	ND(<1)	ND(<0.5)	ND(<0.5)	---	---	---	---	---
(on-site)	20-Apr-95	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<1.0)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---
(deep well)	19-Sep-95	ND(<0.5)	0.56	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<1.0)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---
(SI 57.0-61.0)	14-Dec-95	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	11-Jun-96	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	13-Sep-96	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	11-Dec-96	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	7-Apr-97	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	Apr-97	On-site Remediation Injection Event												
	30-Jun-97	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	1-Oct-97	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	4-Dec-97	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	Feb-98	On-site Remediation Injection Event												
	19-May-98	ND(<0.50)	1.2	0.68	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	28-Jul-98	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	8-Oct-98	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	2-Feb-99	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	Mar-99	On-site Remediation Injection Event												
	19-May-99	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
(e)	20-Oct-99	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	methylene chloride 6.5 (c)	---	---	---
	16-Mar-00	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<1.00)	ND(<0.500)	ND(<0.500)	ND(<0.500)	---	---	---	---

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis-1,2-DCE (µg/L) (a)	trans-1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	
MW-3B	29-Oct-91	6.8	650	---	45	13	6.4	ND(<0.5)	1.2	---	---	---	---	---	
(on-site)	20-Apr-95	ND(<10)	260	17	23	ND(<10)	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---	
(SI 16.0-18.0)	Apr-97	On-site Remediation Injection Event													
	Feb-98	On-site Remediation Injection Event													
	19-May-98	ND(<0.5)	2.1	13	1.5	1.5	2.9	ND(<0.50)	2.5	ND(<0.50)	---	---	---	---	
	28-Jul-98	ND(<1.0)	8.2	58.0	5.8	16	4.8	1.0	8.4	1.2	---	---	---	---	
	8-Oct-98	ND(<2.5)	13	8.0	9.6	23	16	ND(<2.5)	10	ND(<2.5)	---	---	---	---	
	2-Feb-99	ND(<0.50)	56	52	7.2	2.6	8.4	2.0	2.9	1.2	---	---	---	---	
	Mar-99	On-site Remediation Injection Event													
	19-May-99	ND(<2.5)	7.7	110	14	120	33	8.1	34	ND(<2.5)	---	---	---	---	
(e)	20-Oct-99	ND(<25)	35	600	100	1,100	220	160	230	ND(<25)	methylene chloride 5.2 (c)	---	---	---	
	16-Mar-00	ND(<10.0)	50.4	259	54.6	581	143	83.1	138	ND(<10.0)	---	---	---	---	
MW-3C	11-Jun-85	1.7	150	---	23	ND(<0.5)	ND(<0.5)	2.4	ND(<0.5)	---	---	---	---	---	
(on-site)	21-Oct-91	1.7	180	---	26	61	18	34	5.4	---	---	---	---	---	
(SI 11.0-14.0)	20-Apr-95	ND(<0.5)	30	11	ND(<0.5)	1.6	2.2	0.66	2.0	ND(<0.5)	---	---	---	---	
	Apr-97	On-site Remediation Injection Event													
	Feb-98	On-site Remediation Injection Event													
	Mar-99	On-site Remediation Injection Event													

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	
MW-5	4-Nov-91	8.9	410	---	120	4.2	54	1.3	42	---	---	---	---	---	
(on-site)	21-Apr-95	10	210	31	13	ND(<5)	ND(<10)	ND(<5)	13	ND(<5)	---	---	---	---	
(SI 11.0-15.0)	Apr-97	On-site Remediation Injection Event													
	30-Jun-97	14	190	32	20	ND(<5.0)	ND(<10)	ND(<5.0)	8.2	ND(<5.0)	---	---	---	---	
	1-Oct-97	ND(<2.5)	36	210	19	ND(<2.5)	13	ND(<2.5)	9.1	2.7	---	---	---	---	
	Feb-98	On-site Remediation Injection Event													
	19-May-98	ND(<2.5)	ND(<2.5)	7.1	11	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<2.5)	---	---	---	---	
	28-Jul-98	ND(<0.50)	ND(<0.50)	3.1	5.0	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	9-Oct-98	ND(<0.50)	3.5	2.4	6.5	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	2-Feb-99	ND(<0.50)	0.52	3.1	7.4	ND(<0.50)	ND(<1.0)	ND(<0.50)	0.93	0.56	---	---	---	---	
	Mar-99	On-site Remediation Injection Event													
	20-May-99	ND(<2.5)	3.4	2.9	5.7	ND(<2.5)	ND(<5.0)	ND(<2.5)	ND(<2.5)	ND(<2.5)	---	---	---	---	
(e)	20-Oct-99	ND(<25)	ND(<25)	ND(<25)	ND(<25)	ND(<25)	ND(<50)	ND(<25)	ND(<25)	ND(<25)	methylene chloride 8.8 (c)	---	---	---	
	16-Mar-00	ND(<0.500)	ND(<0.500)	4.16	3.67	ND(<0.500)	1.58	ND(<0.500)	0.608	ND(<0.500)	---	---	---	---	

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
MW-9	13-Jun-85	26	700	---	31	ND(<5)	ND(<5)	ND(<5)	ND(<5)	---	---	---	---	---
(on-site)	30-Oct-91	11	200	---	13	ND(<0.5)	ND(<1)	ND(<0.5)	1.3	---	---	---	---	---
(SI 17.5-24.5)	21-Apr-95	13	73	6.4	ND(<2)	ND(<2)	ND(<4)	ND(<2)	ND(<2)	ND(<2)	---	---	---	---
	13-Sep-96	75	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---
	11-Dec-96	---	---	---	---	---	---	---	---	---	---	---	---	---
	7-Apr-97	15	95	8.8	2.5	ND(<2.5)	ND(<5.0)	7.1	ND(<2.5)	ND(<2.5)	---	---	---	---
	Apr-97	On-site Remediation Injection Event												
	1-Oct-97	9.6	57	8.8	2.5	ND(<1.2)	ND(<2.5)	4.8	3.9	1.3	---	---	---	---
	2-Dec-97	3.2	11	4.5	ND(<0.50)	ND(<0.50)	ND(<1.0)	2.5	5.2	ND(<0.50)	---	---	---	---
	Feb-98	On-site Remediation Injection Event												
	24-Apr-98	---	---	---	---	---	---	---	---	---	---	13,103	<0.005	2.7
	19-May-98	38	99	ND(<25)	680	ND(<25)	1,700	150	190	ND(<25)	---	---	---	---
	28-Jul-98	ND(<100)	ND(<100)	4,100	100	ND(<100)	320	ND(<100)	ND(<100)	ND(<100)	---	---	---	---
	29-Jul-98	---	---	---	---	---	---	---	---	---	---	7,886	0.390	17.8
	8-Oct-98	ND(<25)	ND(<25)	1,400	74	ND(<25)	180	ND(<25)	34	ND(<25)	---	10,800	0.561	11.5
	2-Feb-99	ND(<1.3)	ND(<1.3)	2.7	8.7	ND(<1.3)	17	ND(<1.3)	1.4	ND(<1.3)	---	---	---	---
	Mar-99	On-site Remediation Injection Event												
	20-May-99	ND(<2.5)	ND(<2.5)	12	3.1	ND(<2.5)	20	ND(<2.5)	ND(<2.5)	ND(<2.5)	---	---	---	---
(d)	20-Oct-99	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<10)	ND(<5.0)	5.2	ND(<5.0)	methylene chloride 13 (c)	---	---	---
	16-Mar-00	ND(<5.00)	ND(<5.00)	3.82	1.77	ND(<5.00)	2.48	1.12	6.53	0.606	chloroform 0.531	---	---	---

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
1421 Associates Property, 1421 Park Avenue
Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis-1,2-DCE (µg/L) (a)	trans-1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	
MW-10	12-Jun-85	81	5,100	---	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	---	
(on-site)	12-Jun-85	ND(<50)	12,000	---	600	ND(<50)	---	ND(<50)	ND(<50)	---	---	---	---	---	
(SI 17.5-24.5)	7-Nov-91	ND(<50)	14,000	---	640	3,800	ND(<100)	6,500	ND(<50)	---	---	---	---	---	
	21-Apr-95	ND(<100)	10,000	900	ND(<100)	1,200	ND(<200)	1,000	ND(<100)	ND(<100)	---	---	---	---	
	Pilot Test: Spring 1995														
	8-Apr-97	ND(<500)	660	11,000	ND(<500)	680	ND(<1000)	ND(<500)	ND(<500)	ND(<500)	---	---	---	---	
	Apr-97	On-site Remediation Injection Event													
	1-Oct-97	ND(<120)	ND(<120)	5,900	ND(<120)	260	500	ND(<120)	ND(<120)	ND(<120)	---	---	---	---	
	2-Dec-97	ND(<120)	ND(<120)	6,600	ND(<120)	320	480	ND(<120)	ND(<120)	ND(<120)	---	---	---	---	
	Feb-98	On-site Remediation Injection Event													
	24-Apr-98	---	---	---	---	---	---	---	---	---	---	2,363	1.70	238	
	19-May-98	Access blocked by construction activity at 1421 Park Avenue.													
	28-Jul-98	ND(<10)	ND(<10)	390	17	ND(<10)	54	ND(<10)	ND(<10)	ND(<10)	---	---	---	---	
	29-Jul-98	---	---	---	---	---	---	---	---	---	---	6,805	51.5	82.1	
	9-Oct-98	ND(<1.2)	11	53	5.8	2.5	14	ND(1.2)	3.4	1.3	---	8,550	129	53.5	
	2-Feb-99	ND(<0.50)	3.9	6.4	ND(<0.50)	0.60	1.1	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	Mar-99	On-site Remediation Injection Event													
	21-May-99	ND(<0.50)	1.8	11	1.8	0.90	2.2	ND(<0.50)	2.6	0.66	CA: 10	---	---	---	
(e)	20-Oct-99	ND(<2.5)	3.8	15	4.3	ND(<2.5)	ND(<5.0)	ND(<2.5)	11	ND(<2.5)	methylene chloride 7.4 (c)	---	---	---	
	17-Mar-00	ND(<0.500)	4.36	2.16	ND(<0.500)	0.505	ND(<1.00)	ND(<0.500)	2.60	ND(<0.500)	---	---	---	---	

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
MW-11	12-Jun-85	5.3	19	---	3.4	ND(<0.5)	ND(<0.5)	1.3	ND(<0.5)	---	---	---	---	---
(on-site)	15-Nov-91	1.5	10	---	3.1	ND(<0.5)	ND(<1)	ND(<0.5)	ND(<0.5)	---	---	---	---	---
(SI 16.0-29.0)	20-Apr-95	7.4	67	6.2	ND(<5)	ND(<5)	ND(<10)	ND(<5)	ND(<5)	ND(<5)	---	---	---	---
	13-Sep-96	0.73	6.0	3.6	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	0.6	1.0	---	---	---	---
	7-Apr-97	ND(<0.50)	1.1	9.7	4.1	ND(<0.50)	4.6	ND(<0.50)	0.73	ND(<0.50)	---	---	---	---
	Apr-97	On-site Remediation Injection Event												
	30-Jun-97	---	---	---	---	---	---	---	---	---	---	---	---	---
	1-Oct-97	ND(<0.50)	8.4	25	8.3	ND(<0.50)	9.5	0.51	2.6	1.6	---	---	---	---
	2-Dec-97	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	Feb-98	On-site Remediation Injection Event												
	Mar-99	On-site Remediation Injection Event												

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
1421 Associates Property, 1421 Park Avenue
Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis-1,2-DCE (µg/L) (a)	trans-1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	
MW-12 (on-site) (SI 17.6-28.5)	11-Nov-91	10	130	---	9	3.3	ND(<2)	4.6	1.3	---	---	---	---	---	
	20-Apr-95	9.4	52	5.0	ND(<2.5)	9.0	ND(<5)	3.9	ND(<2.5)	ND(<2.5)	---	---	---	---	
	19-Sep-95	14	67	9.1	3.8	15	ND(<2.5)	7.2	1.6	2.9	---	---	---	---	
	15-Dec-95	ND(<10)	79	ND(<10)	ND(<10)	ND(<10)	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---	
	8-Mar-96	850	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	11-Jun-96	ND(<1.0)	2.7	39	1.4	3.9	13	2.6	1.6	1.4	---	---	---	---	
	13-Sep-96	2.3	23	15	1.5	12	ND(<1.0)	5.9	2.9	1.9	---	---	---	---	
	11-Dec-96	5.0	55	11	0.83	6.2	ND(<1.0)	4.9	1.4	1.5	---	---	---	---	
	7-Apr-97	6.2	65	17	ND(<5.0)	15	ND(<10)	ND(<5.0)	5.6	ND(<5.0)	---	---	---	---	
	Apr-97	On-site Remediation Injection Event													
	30-Jun-97	8.5	47	7.6	1.5	4.6	ND(<2.0)	1.9	1.5	1.6	---	---	---	---	
	1-Oct-97	8.1	20	6.7	1.8	ND(<0.50)	1.1	0.52	2.0	1.7	---	---	---	---	
	2-Dec-97	2.9	5.6	0.97	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	0.57	ND(<0.50)	---	---	---	---	
	Feb-98	On-site Remediation Injection Event													
	24-Apr-98	---	---	---	---	---	---	---	---	---	---	---	1,904	2.30	1.20
	19-May-98	ND(<0.50)	6.0	4.5	2.0	ND(<0.50)	2.4	ND(<0.50)	0.83	0.83	CA: 1.2	---	---	---	
	28-Jul-98	ND(<0.50)	5.3	7.9	1.0	ND(<0.50)	1.2	ND(<0.50)	0.65	0.83	---	---	---	---	
	29-Jul-98	---	---	---	---	---	---	---	---	---	---	1,867	3.71	1.83	
	8-Oct-98	0.75	11	7.8	0.60	ND(<0.50)	ND(<1.0)	---	0.64	0.90	---	270	1.67	0.190	
	2-Feb-99	ND(<1.3)	ND(<1.3)	2.5	2.2	ND(<1.3)	ND(<1.3)	ND(<1.3)	ND(<1.3)	ND(<1.3)	CA: 6.7	---	---	---	
Mar-99	On-site Remediation Injection Event														
19-May-99	ND(<0.50)	0.58	2.0	0.84	ND(<0.50)	1.5	ND(<0.50)	ND(<0.50)	0.53	---	---	---	---		
20-Oct-99	7.6	2.8	3.5	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	0.91	0.89	methylene chloride 6.9 (c)	---	---	---		
16-Mar-00	7.55	2.63	1.80	ND(<0.500)	ND(<0.500)	ND(<1.00)	ND(<0.500)	0.649	0.844	---	---	---	---		

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	
MW-13	8-Nov-91	8.9	630	---	89	6.8	20	ND(<5)	15	---	---	---	---	---	
(on-site)	28-Jul-94	---	770	---	---	---	---	---	---	---	---	---	---	---	
(SI 10.5-15.5)	20-Apr-95	8.9	360	70	16	ND(<5)	20	ND(<5)	14	ND(<5)	---	---	---	---	
	19-Sep-95	12.0	240	72	25	ND(<5)	42	ND(<5)	18	ND(<5)	---	---	---	---	
	15-Dec-95	ND(<10)	380	68	17	ND(<10)	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---	
	8-Mar-96	ND(<50)	270	68	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	11-Jun-96	ND(<50)	250	ND(<50)	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	13-Sep-96	ND(<50)	430	84	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	11-Dec-96	ND(<50)	250	56	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	7-Apr-97	ND(<50)	280	62	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	Apr-97	On-site Remediation Injection Event													
	30-Jun-97	12	300	61	25	ND(<5.0)	30	ND(<5.0)	15	ND(<5.0)	---	---	---	---	
	1-Oct-97	15	250	100	24	ND(<5.0)	25	ND(<5.0)	13	ND(<5.0)	---	---	---	---	
	2-Dec-97	5.5	140	150	22	ND(<2.5)	35	ND(<2.5)	11	2.9	---	---	---	---	
	Feb-98	On-site Remediation Injection Event													
	19-May-98	ND(<0.50)	1.2	29	4.4	ND(<0.5)	3.4	ND(<0.5)	6.1	0.67	---	---	---	---	
	28-Jul-98	ND(<0.50)	9.3	9	3.2	ND(<0.5)	4.4	ND(<0.5)	3.1	0.90	CA: 2.2	---	---	---	
	29-Jul-98	---	---	---	---	---	---	---	---	---	---	7,935	0.214	2.70	
	9-Oct-98	ND(<0.50)	4.4	2.7	3.9	ND(<0.50)	1.3	ND(<0.50)	0.96	ND(<0.50)	---	10,700	1.87	2.98	
	2-Feb-99	ND(<0.50)	ND(<0.50)	0.55	0.96	ND(<0.50)	ND(<1.0)	ND(<0.50)	2.5	ND(<0.50)	---	---	---	---	
	Mar-99	On-site Remediation Injection Event													
	20-May-99	ND(<2.5)	4.9	2.7	ND(<2.5)	ND(<2.5)	ND(<5.0)	ND(<2.5)	6.1	ND(<2.5)	---	---	---	---	
(e)	20-Oct-99	ND(<25)	ND(<25)	ND(<25)	ND(<25)	ND(<25)	ND(<50)	ND(<25)	ND(<25)	ND(<25)	methylene chloride 6.3 (c)	---	---	---	
	16-Mar-00	ND(<0.500)	ND(<0.500)	0.663	1.63	ND(<0.500)	ND(<1.00)	ND(<0.500)	5.88	ND(<0.500)	---	---	---	---	

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	
MW-14	21-Mar-85	26	580	---	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---	---	
(on-site)	11-Nov-91	13	4,300	---	150	13	30	17	19	---	---	---	---	---	
(SI 15.0-25.0)	21-Apr-95	ND(<10)	8,100	36	ND(<10)	ND(<10)	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---	
	13-Sep-96	ND(<1000)	4,700	ND(<1000)	ND(<1000)	ND(<1000)	ND(<2000)	ND(<1000)	ND(<1000)	ND(<1000)	---	---	---	---	
	8-Apr-97	ND(<500)	17,000	ND(<500)	ND(<500)	ND(<500)	ND(<1000)	ND(<500)	ND(<500)	ND(<500)	---	---	---	---	
	Apr-97	On-site Remediation Injection Event													
	1-Oct-97	ND(<25)	2,200	2,100	ND(<25)	ND(<25)	ND(<50)	ND(<25)	ND(<25)	ND(<25)	---	---	---	---	
	2-Dec-97	ND(<25)	680	1,200	ND(<25)	ND(<25)	110	ND(<25)	ND(<25)	ND(<25)	---	---	---	---	
	Feb-98	On-site Remediation Injection Event													
	19-May-98	ND(<13)	1,800	4,600	39	13	860	ND(<13)	ND(<13)	ND(<13)	---	---	---	---	
	28-Jul-98	ND(<100)	1,500	5,100	ND(<100)	ND(<100)	1,200	ND(<100)	ND(<100)	ND(<100)	---	---	---	---	
	29-Jul-98	---	---	---	---	---	---	---	---	---	---	2,846	20.4	98.9	
	26-Oct-98	ND(<0.50)	ND(<0.50)	350	13	ND(<0.50)	ND(<50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	10,700	1.87	2.98	
	2-Feb-99	ND(<0.50)	0.81	6.0	7.2	ND(<0.50)	3.0	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	Mar-99	On-site Remediation Injection Event													
	21-May-99	ND(<0.50)	350	550	12	ND(<0.50)	160	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
(e)	20-Oct-99	ND(<25)	230	600	ND(<25)	ND(<25)	ND(<50)	ND(<25)	ND(<25)	ND(<25)	methylene chloride 15 (c)	---	---	---	
	16-Mar-00	ND(<5.00)	267	203	7.66	ND(<5.00)	55.3	ND(<5.00)	ND(<5.00)	ND(<5.00)	chloroform 7.53	---	---	---	

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis-1,2-DCE (µg/L) (a)	trans-1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	
MW-20	15-Nov-91	ND(<0.5)	ND(<0.5)	---	ND(<0.5)	ND(<0.5)	ND(<1)	ND(<0.5)	ND(<0.5)	---	---	---	---	---	
(on-site)	21-Apr-95	ND(<0.5)	4	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<1.0)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---	
(deep well)	19-Sep-95	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<1.0)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---	
(semi-annual)	15-Dec-95	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
(SI 31.0-51.0)	11-Jun-96	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	13-Sep-96	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	7-Apr-97	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	Apr-97	On-site Remediation Injection Event													
	1-Oct-97	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	Feb-98	On-site Remediation Injection Event													
	19-May-98	Access blocked by construction activity at 1421 Park Avenue.													
	28-Jul-98	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	3-Feb-98	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	MC: 6.8	---	---	---	
	Mar-99	On-site Remediation Injection Event													
	21-May-99	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	21-Oct-99	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	methylene chloride 8.3 (c)	---	---	---	

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis-1,2-DCE (µg/L) (a)	trans-1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
MW-15 (off-site) (SI 15.0-25.0)	13-Jun-85	ND(<50)	1,200	---	410	ND(<50)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	---
	21-Nov-91	ND(<5)	650	---	220	ND(<5)	ND(<10)	ND(<5)	ND(<5)	---	---	---	---	---
	21-Apr-95	ND(<10)	300	88	130	ND(<10)	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---
	19-Sep-95	NL												
	17-Mar-00	ND(<2.50)	98.1	145	58.9	ND(<2.50)	31.4	ND(<2.50)	ND(<2.50)	ND(<2.50)	---	---	---	---
MW-16 (off-site) (SI 12.0-22.0)	21-Mar-85	42	360	---	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---	---
	19-Nov-91	ND(<5)	19,000	---	2299	1,200	420	1,300	ND(<5)	---	---	---	---	---
	28-Jul-94	---	22,000	---	---	---	---	---	---	---	---	---	---	---
	20-Apr-95	13	10,000	2,400	67	390	300	180	28	ND(<10)	CBz: 12	---	---	---
	19-Sep-95	ND(<125)	7,800	2,500	190	590	730	190	ND(<125)	ND(<125)	---	---	---	---
	14-Dec-95	ND(<0.50)	11,000	2,300	100	620	460	140	26	ND(<0.50)	---	---	---	---
	8-Mar-96	ND(<200)	9,900	2,400	ND(<200)	460	ND(<400)	ND(<200)	ND(<200)	ND(<200)	---	---	---	---
	11-Jun-96	ND(<200)	9,700	2,100	ND(<200)	ND(<200)	440	ND(<200)	ND(<200)	ND(<200)	---	---	---	---
	13-Sep-96	ND(<1000)	11,000	2,200	ND(<1000)	ND(<1000)	ND(<2000)	ND(<1000)	ND(<1000)	ND(<1000)	---	---	---	---
	11-Dec-96	ND(<1000)	11,000	2,900	ND(<1000)	ND(<1000)	ND(<2000)	ND(<1000)	ND(<1000)	ND(<1000)	---	---	---	---
	8-Apr-97	ND(<1000)	15,000	2,900	ND(<1000)	ND(<1000)	ND(<2000)	ND(<1000)	ND(<1000)	ND(<1000)	---	---	---	---
	30-Jun-97	ND(<500)	24,000	4,100	ND(<500)	780	ND(<1000)	ND(<500)	ND(<500)	ND(<500)	---	---	---	---
	1-Oct-97	ND(<120)	11,000	2,200	ND(<120)	350	410	ND(<120)	ND(<120)	ND(<120)	---	---	---	---
	2-Dec-97	ND(<100)	5,300	1,100	ND(<100)	160	ND(<200)	ND(<100)	ND(<100)	ND(<100)	---	---	---	---
	22-Apr-98	---	---	---	---	---	---	---	---	---	---	92.7	0.830	5.3
19-May-98	4.5	3,900	1,800	40	230	160	39	9.3	1.9	---	---	---	---	
28-Jul-98	ND(<100)	4,500	2,600	ND(<100)	270	ND(<200)	ND(<100)	ND(<100)	ND(<100)	---	---	---	---	
29-Jul-98	---	---	---	---	---	---	---	---	---	---	199	4.95	31.5	
9-Oct-98	ND(<100)	2,700	1,400	ND(<100)	ND(<100)	ND(<200)	ND(<100)	ND(<100)	ND(<100)	---	410	6.06	30.4	
4-Feb-99	ND(<25)	7,500	2,200	80	660	ND(<50)	ND(<25)	ND(<25)	ND(<25)	---	---	---	---	
21-May-99	13	7,600	2,000	110	620	430	110	38	ND(<5.0)	---	---	---	---	
21-Oct-99	ND(<130)	11,000	1,800	ND(<130)	1,200	900	ND(<130)	ND(<130)	ND(<130)	methylene chloride 8.0 (c)	---	---	---	
17-Mar-00	ND(<100)	7,630	2,230	ND(<100)	690	487	ND(<100)	ND(<100)	ND(<100)	---	---	---	---	

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis-1,2-DCE (µg/L) (a)	trans-1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
MW-17	13-Jun-85	18	200	---	23	46	ND(<5)	22	ND(<5)	---	---	---	---	---
(off-site)	19-Nov-91	8.9	460	---	54	54	420	30	7.8	---	---	---	---	---
(SI 10.0-20.0)	28-Jul-95	---	780	---	---	---	---	---	---	---	---	---	---	---
	20-Apr-95	ND(<10)	410	42	11	37	ND(<20)	ND(<10)	ND(<10)	ND(<10)	1,2-DCBz: 17; CBz: 31	---	---	---
	19-Sep-95	9.8	260	50	23	42	ND(<10)	11	ND(<5)	ND(<5)	1,2-DCBz: 28; CBz: 52	---	---	---
	14-Dec-95	13	360	24	ND(<10)	38	ND(<20)	ND(<10)	ND(<10)	ND(<10)	1,2-DCBz: 15; CBz: 27	---	---	---
	8-Mar-96	ND(<0.50)	310	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<100)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	11-Jun-96	ND(<0.50)	270	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<100)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	13-Sep-96	ND(<200)	1,900	ND(<200)	ND(<200)	410	ND(<400)	ND(<200)	ND(<200)	ND(<200)	---	---	---	---
	11-Dec-96	ND(<200)	450	ND(<200)	ND(<200)	ND(<200)	ND(<400)	ND(<200)	ND(<200)	ND(<200)	---	---	---	---
	8-Apr-97	ND(<200)	350	ND(<200)	ND(<200)	ND(<200)	ND(<400)	ND(<200)	ND(<200)	ND(<200)	---	---	---	---
	30-Jun-97	6.3	260	27	11	20	ND(<10)	ND(<5.0)	ND(<5.0)	ND(<5.0)	1,2-DCBz: 16; CBz: 28	---	---	---
	1-Oct-97	11	250	29	11	15	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	1,2-DCBz: 14; CBz: 23	---	---	---
	2-Dec-97	4.1	140	17	4.9	12	ND(<5.0)	ND(<2.5)	ND(<2.5)	ND(<2.5)	1,2-DCBz: 9.5; CBz: 14	---	---	---
(h)	19-May-98	5.0	180	13	6.0	15	2.0	1.7	0.99	0.60	1,2-DCBz: 5.6; CBz: 7.7; CFM: 1.4	---	---	---
	28-Jul-98	ND(<5.0)	170	17	ND(<5.0)	11	ND(<10)	ND(<5.0)	ND(<5.0)	ND(<5.0)	1,2-DCBz: 6.4; CBz: 9.3	---	---	---
	29-Jul-98	---	---	---	---	---	---	---	---	---	---	93.2	4.19	0.996
	8-Oct-98	ND(<2.5)	110	13	3.3	7.1	ND(<5.0)	ND(<2.5)	ND(<2.5)	ND(<2.5)	1,2-DCBz: 4.8; CBz: 5.0	115	9.37	0.211
	4-Feb-99	ND(<2.5)	220	21	4.7	21	ND(<5.0)	ND(<2.5)	ND(<2.5)	ND(<2.5)	CBz: 11	---	---	---
	21-May-99	6.4	220	27	11	28	7.1	ND(<2.5)	ND(<2.5)	ND(<2.5)	CBz: 14; 1,2-DCBz: 11	---	---	---
	21-Oct-99	4.2	220	16	12	ND(<2.5)	10	ND(<2.5)	ND(<2.5)	ND(<2.5)	1,2-DCBz: 5.0; methylene chloride 5.7 (c)	---	---	---
	16-Mar-00	ND (<10.0)	226	23.6	ND (<10.0)	15.0	ND (<20.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	1,2-DCBz: 10.9; CBz: 11.2	---	---	---

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)	
MW-4	4-Nov-91	31	2,100	---	269	ND(<5)	10	ND(<5)	ND(<5)	---	---	---	---	---	
(on-site)	28-Jul-94	---	6,500	---	---	---	---	---	---	---	---	---	---	---	
(SI 16.0-20.0)	21-Apr-95	ND(<50)	4,400	430	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	19-Sep-95	65	3,500	590	92	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	15-Dec-95	27	2,900	330	44	ND(<10)	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---	
	8-Mar-96	84	3,100	360	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	11-Jun-96	ND(<100)	3,100	280	ND(<100)	ND(<100)	ND(<200)	ND(<100)	ND(<100)	ND(<100)	---	---	---	---	
	13-Sep-96	63	1,800	410	58	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	11-Dec-96	ND(<50)	1,600	260	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	8-Apr-97	ND(<50)	4,000	410	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	Apr-97	On-site Remediation Injection Event													
	30-Jun-97	ND(<50)	4,000	2,800	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	
	1-Oct-97	ND(<25)	ND(<25)	1,300	45	ND(<25)	1,100	ND(<25)	ND(<25)	ND(<25)	---	---	---	---	
	2-Dec-97	ND(<25)	120	320	29	ND(<25)	1,300	ND(<25)	ND(<25)	ND(<25)	---	---	---	---	
	Feb-98	On-site Remediation Injection Event													
	19-May-98	Access blocked by construction activity at 1421 Park Avenue.													
	28-Jul-98	ND(<1.0)	1.2	17	13	ND(<1.0)	21	ND(<1.0)	ND(<1.0)	ND(<1.0)	---	---	---	---	
	8-Oct-98	ND(<0.50)	1.6	7.4	16	ND(<0.50)	19	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---	
	3-Feb-99	ND(<0.50)	0.59	1.5	34	ND(<0.50)	ND(<1.0)	ND(<0.50)	1.6	0.94	---	---	---	---	
	Mar-99	On-site Remediation Injection Event													
	21-May-99	ND(<5.0)	ND(<5.0)	340	250	ND(<5.0)	480	ND(<5.0)	ND(<5.0)	ND(<5.0)	---	---	---	---	
	21-Oct-99	ND(<0.50)	ND(<0.50)	4.3	3.9	ND(<0.50)	21	ND(<0.50)	ND(<0.50)	0.82	CA: 3,7; 1,2-DCBz:1,4; methylene chloride 7.7 (e)	---	---	---	
	17-Mar-00	ND(<2.50)	41.1	82.6	6.3	ND(<2.50)	54	ND(<2.50)	ND(<2.50)	ND(<2.50)	1,2-DCBz:2,93	---	---	---	

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis-1,2-DCE (µg/L) (a)	trans-1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
MW-6 (off-site) (SI 13.0-17.0)	11-Jun-85	ND(<0.5)	220	---	54	ND(<5)	ND(<5)	3.9	ND(<5)	---	---	---	---	---
	5-Nov-91	5.9	420	---	78	29	19	6.4	ND(<0.5)	---	---	---	---	---
	28-Jul-94	---	790	---	---	---	---	---	---	---	---	---	---	---
	20-Apr-95	ND(<10)	320	55	ND(<10)	34	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---
	19-Sep-95	6.4	210	48	12	46	13	ND(<5)	ND(<5)	ND(<5)	CBz: 5.1	---	---	---
	14-Dec-95	ND(<10)	400	53	ND(<10)	74	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---
	8-Mar-96	ND(<50)	290	ND(<50)	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---
	11-Jun-96	ND(<50)	300	ND(<50)	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---
	13-Sep-96	ND(<50)	480	ND(<50)	ND(<50)	64	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---
	11-Dec-96	ND(<50)	360	ND(<50)	ND(<50)	59	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---
	8-Apr-97	ND(<50)	420	52	ND(<50)	73	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---
	30-Jun-97	8.1	330	47	11	51	12	ND(<5.0)	ND(<5.0)	ND(<5.0)	CBz: 8.9	---	---	---
	1-Oct-97	6.2	220	49	9.7	37	13	2.6	ND(<2.5)	ND(<2.5)	CBz: 6.6	---	---	---
	2-Dec-97	6.4	260	44	7.6	43	ND(<10)	ND(<5.0)	ND(<5.0)	ND(<5.0)	CBz: 6.7	---	---	---
	19-May-98	4.3	330	45	12	50	13	4.6	1.3	1.4	1,2-DCBz: 0.56; CBz: 4.8; CFM: 1.4	---	---	---
	28-Jul-98	ND(<5.0)	200	59	7.0	24	ND(<10)	ND(<5.0)	ND(<5.0)	ND(<5.0)	---	---	---	---
	9-Oct-98	ND(<5.0)	200	42	6.8	23	ND(<10)	ND(<5.0)	ND(<5.0)	ND(<5.0)	---	---	---	---
4-Feb-99	10.0	230	5.7	5.3	21	ND(<10)	ND(<5.0)	ND(<5.0)	ND(<5.0)	CBz: 5.9	---	---	---	
21-May-99	1.2	16	5.2	0.52	1.4	ND(<10)	ND(<5.0)	ND(<5.0)	ND(<5.0)	---	---	---	---	
21-Oct-99	5.5	110	15	ND(<2.5)	ND(<2.5)	ND(<5.0)	ND(<2.5)	ND(<2.5)	ND(<2.5)	methylene chloride 46 (c)	---	---	---	
17-Mar-00	11.1	90.3	27.3	2.70	6.00	ND(<5.00)	ND(<2.50)	ND(<2.50)	ND(<2.50)	---	---	---	---	
MW-8 (off-site) (SI 16.0-22.0)	10-Jun-85	18	46	---	19	ND(<1)	3	ND(<1)	1	---	---	---	---	---
	11-Jun-85	35	93	---	32	1	---	ND(<0.5)	1	---	---	---	---	---
	5-Nov-91	35	38	---	23	0.8	4.9	ND(<0.5)	1.8	---	---	---	---	---
	21-Apr-95	18	40	46	6.7	ND(<1.0)	16	ND(<1.0)	1.2	5.6	---	---	---	---
	19-Sep-95	NL												
17-Mar-00	ND(<0.500)	3.11	19.7	3.85	ND(<0.500)	6.46	ND(<0.500)	0.872	1.98	---	---	---	---	

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis-1,2-DCE (µg/L) (a)	trans-1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
MW-18 (off-site) (semi-annual) (SI 15.0-25.0)	12-Jun-85	32	430	---	140	ND(<0.5)	ND(<0.5)	52	ND(<0.5)	---	---	---	---	---
	12-Jun-85	ND(<50)	340	---	ND(<50)	ND(<50)	---	66	ND(<50)	---	---	---	---	---
	19-Nov-91	11	560	---	160	ND(<5)	30	23	ND(<5)	---	---	---	---	---
	22-Apr-95	ND(<10)	330	35	13	ND(<10)	ND(<20)	16	ND(<10)	ND(<10)	---	---	---	---
	19-Sep-95	14	200	34	20	ND(<5)	ND(<10)	16	ND(<5)	ND(<5)	---	---	---	---
	14-Dec-95	ND(<10)	280	18	ND(<10)	ND(<10)	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---
	8-Mar-96	ND(<50)	200	ND(<50)	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---
	11-Jun-96	ND(<50)	200	ND(<50)	ND(<50)	ND(<50)	ND(<100)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---
	30-Jun-97	9.0	210	21	12	ND(<5.0)	ND(<10)	8.6	ND(<5.0)	ND(<5.0)	---	---	---	---
	1-Oct-97	11	200	25	13	ND(<2.5)	ND(<5.0)	9.3	ND(<2.5)	ND(<2.5)	---	---	---	---
	19-May-98	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	28-Jul-98	6.7	190	13	ND(5.0)	23	ND(<10)	6.2	ND(<5.0)	ND(<5.0)	---	---	---	---
	4-Feb-99	7.5	180	24	13	3	3.7	6.8	ND(<2.5)	ND(<2.5)	---	---	---	---
	20-May-99	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	21-Oct-99	ND(<2.5)	120	13	14	ND(<2.5)	ND(<5.0)	ND(<2.5)	ND(<2.5)	ND(<2.5)	methylene chloride 7.1 (c)	---	---	---
MW-18A (off-site) (semi-annual) (SI 35.0-50.0)	13-Jun-85	ND(<0.5)	10	---	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---	---
	19-Nov-91	ND(<0.5)	ND(<0.5)	---	ND(<0.5)	ND(<0.5)	ND(<1)	ND(<0.5)	ND(<0.5)	---	---	---	---	---
	20-Apr-95	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<1.0)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---
	19-Sep-95	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<1.0)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---
	15-Dec-95	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	8-Mar-96	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	11-Jun-96	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	30-Jun-97	ND(<0.50)	4.5	0.54	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	1-Oct-97	ND(<0.50)	3.0	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	CFM: 1.5	---	---	---
	28-Jul-98	ND(<0.50)	1.1	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	4-Feb-99	ND(<0.50)	18	2.7	ND(<0.50)	0.92	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	---	---	---	---
	20-May-99	8.5	190	26	14	3.3	7.3	6.1	1.4	1.3	---	---	---	---
	21-Oct-99	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)	methylene chloride 10 (c)	---	---	---

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Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds

Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
MW-2 (SI 14.0-21.0)	15-Nov-91	NL												
MW-7 (SI 10.0-13.0)	19-Apr-95	NL												
MW-19 (SI 10.0-25.0)	21-Mar-85 19-Apr-95	23 NL	91	---	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---		---	---	---
MW-21 (SI 10.0-25.0)	13-Jun-85 19-Apr-95	ND(<50) NL	2,200	---	800	ND(<50)	ND(<50)	110	ND(<50)	---		---	---	---
TB-LB	2-Dec-97	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)		---	---	---
	19-May-98	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)	ND(<0.50)	ND(<0.50)	ND(<0.50)		---	---	---
	16-Mar-00	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<1.00)	ND(<0.500)	ND(<0.500)	ND(<0.500)		---	---	---
	17-Mar-00	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<0.500)	ND(<1.00)	ND(<0.500)	ND(<0.500)	ND(<0.500)		---	---	---

Notes appear on the following page.

ARCADIS GERAGHTY & MILLER

Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

Monitoring Well	Date Sampled	PCE (µg/L) (a)	TCE (µg/L) (a)	cis- 1,2-DCE (µg/L) (a)	trans- 1,2-DCE (µg/L) (a)	1,1-DCE (µg/L) (a)	Vinyl Chloride (µg/L) (a)	1,1,1-TCA (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Other Analytes (µg/L)	Methane (µg/L)	Ethane (µg/L)	Ethylene (µg/L)
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(a) Analyzed by USEPA Method 8010.

(b) Denotes well that was part of the pilot study performed from August 1995 through February 1996.

(c) Laboratory reports methylene chloride is a suspected laboratory contaminant.

(d) Laboratory reports reporting limit for the sample has been raised due to the foamy nature.

(e) Laboratory reports reporting limit has been raised due to the foamy nature of the sample.

PCE	Tetrachloroethylene
TCE	Trichloroethylene
cis-1,2-DCE	cis-1,2-Dichloroethylene
trans-1,2-DCE	trans-1,2-Dichloroethylene
1,1-DCE	1,1-Dichloroethylene
1,1,1-TCA	1,1,1-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,2-DCA	1,2-Dichloroethane
CBz	Chlorobenzene
1,2-DCBz	1,2-Dichlorobenzene
CFM	Chloroform
CA	Chloroethane
ND()	Not detected; laboratory method detection limit in parentheses
TB-LB	Trip blank-laboratory blank
µg/L	Micrograms per liter
---	Not analyzed
NL	Not located
SI	Screened interval

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).

Methane, ethane, and ethylene analyses performed by Microseeps (Pittsburgh, Pennsylvania).

PEET'S COFFEE & TEA

1421 ASSOCIATES
PROPERTY
1421 PARK AVENUE

PARK AVENUE

ELECTRO-COATINGS
PROPERTY
1401 PARK AVENUE

MW-6
NOTE:
MW-6 is
located
315'
west-
southwest
on Park
Avenue

MW-16

MW-1

LIVE / WORK
SPACE

ECI
CORPORATE
OFFICES

NEW 3-STORY
BUILDING
(7/98)

ARTIST
STUDIO

WAREHOUSE

HORTON STREET

MW-4

MW-20

MW-10

APOLLO
CREMATORIUM

BUILDING
BOUNDARY
&
CONTAINMENT
BERM
(prior to 7/98)

FORMER TCE
DEGREASING
AREA

BURIED RAILROAD TRACKS

HOLDEN STREET

MW-17

MW-13

MW-14

MW-5

SIGN MANUFACTURING FACILITY

FORMER
BOILER
FACILITY

MW-12

MW-11

FORMER
CHROMIUM
WASTE
STORAGE
AREA

MW-8

MW-3A

MW-3B

MW-3C

STORAGE CANOPY

DRIVEWAY

MW-15

PARKING LOT

GATE

DRIVEWAY

PLYWOOD & LUMBER SALES, INC.

MW-18

MW-18A

40TH STREET

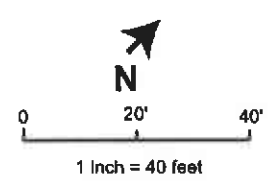
EXPLANATION

● Monitoring Well
MW-12

Property Boundaries ————

Buried Railroad Tracks - - - - -

Fence Line ————

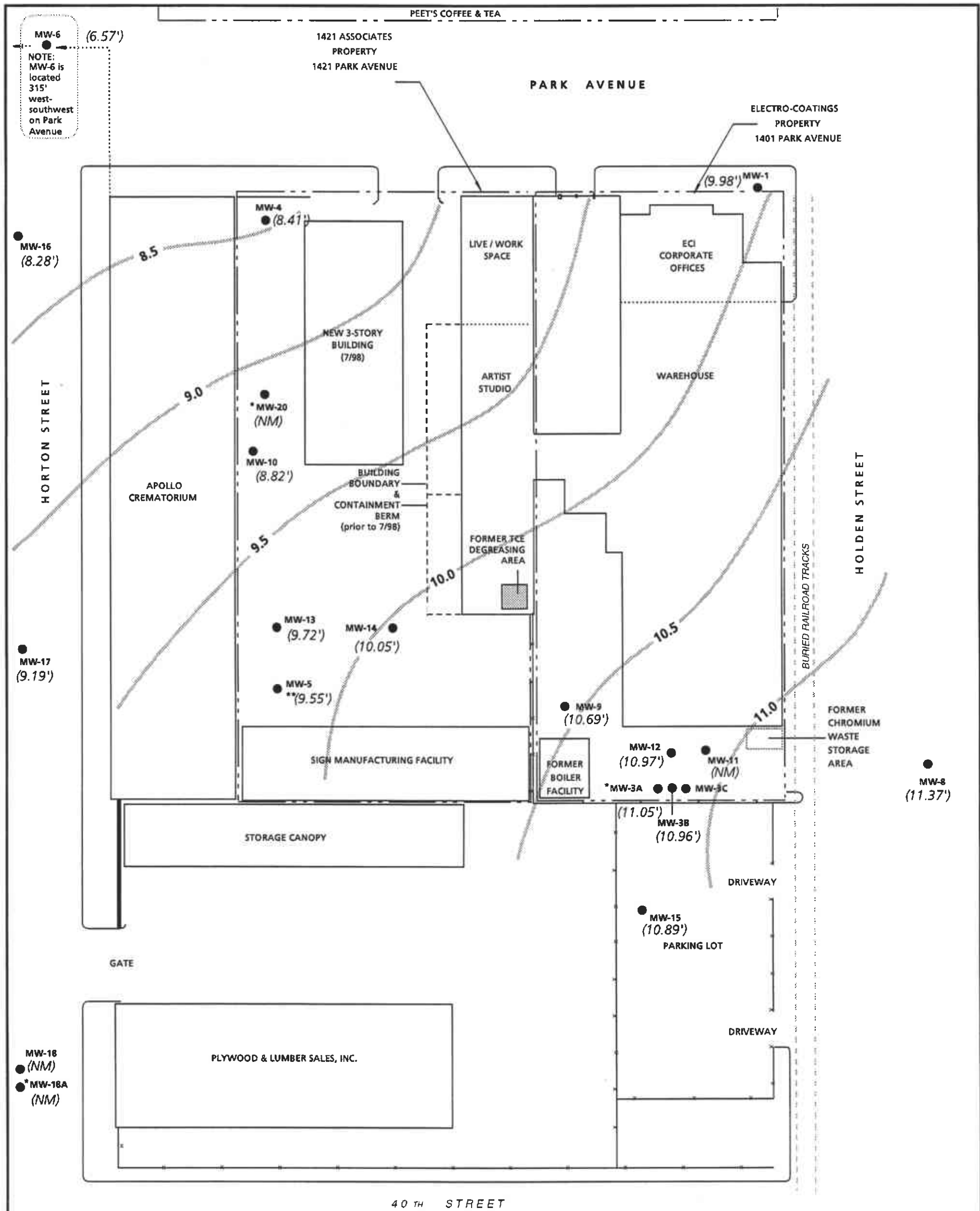


SITE PLAN
Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
1421 Associates Property, 1421 Park Avenue
Emeryville, California

RC000304

FIGURE

1



EXPLANATION

MW-9

Monitoring Well

* MW-3A, MW-20, & MW-18A are wells completed in a deeper water-bearing unit. Groundwater elevations for these wells were not used in evaluating groundwater contours.

Property Boundaries

Property Boundaries

Buried Railroad Tracks

Buried Railroad Tracks

Fence Line

Fence Line

** Groundwater elevation for MW-5 is inexplicably low; elevation was not used in evaluating groundwater contours.

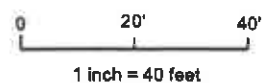
NM

Not Measured

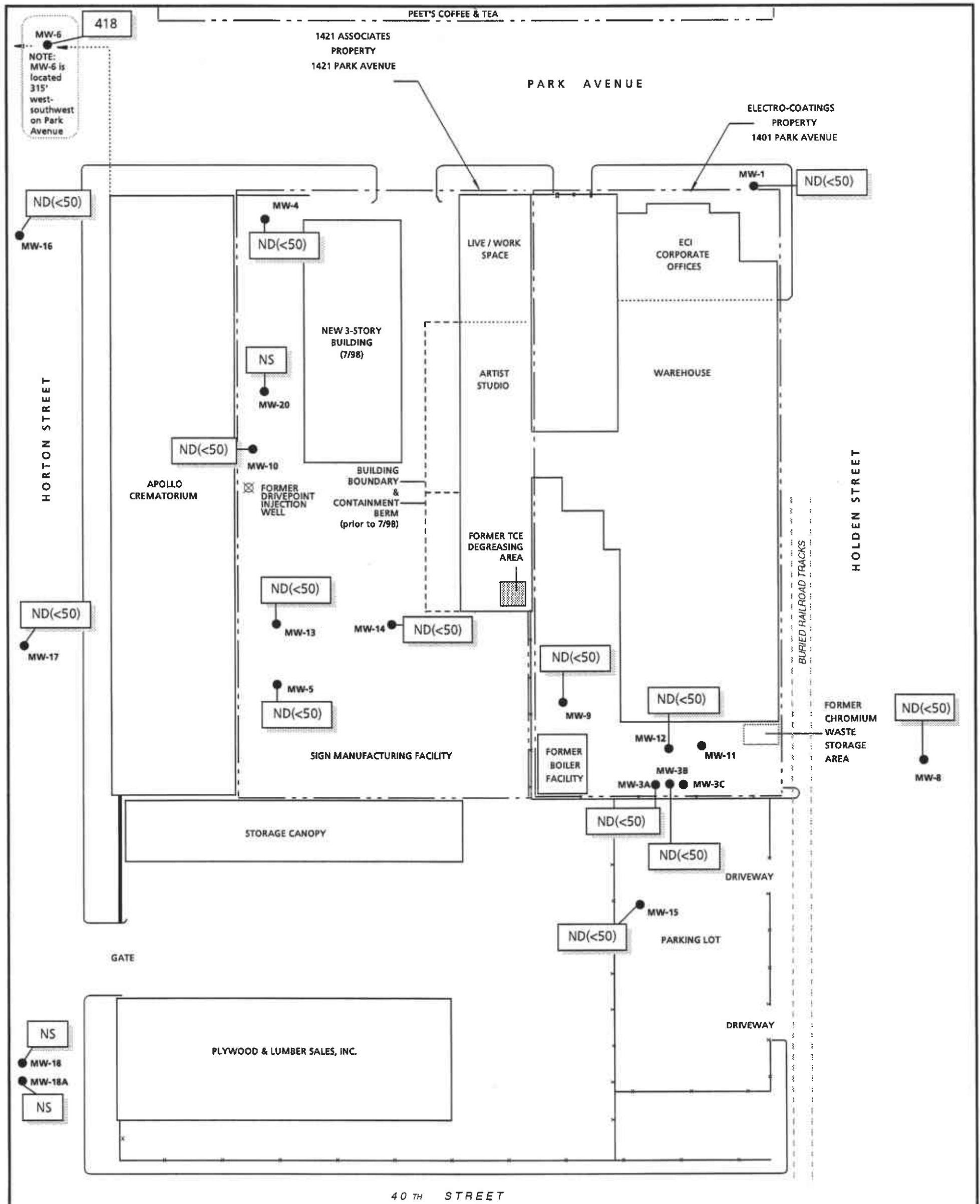
(9.19')

Groundwater Elevation (feet above mean sea level)

10.0 Groundwater Elevation Contour (feet)

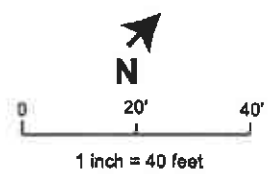


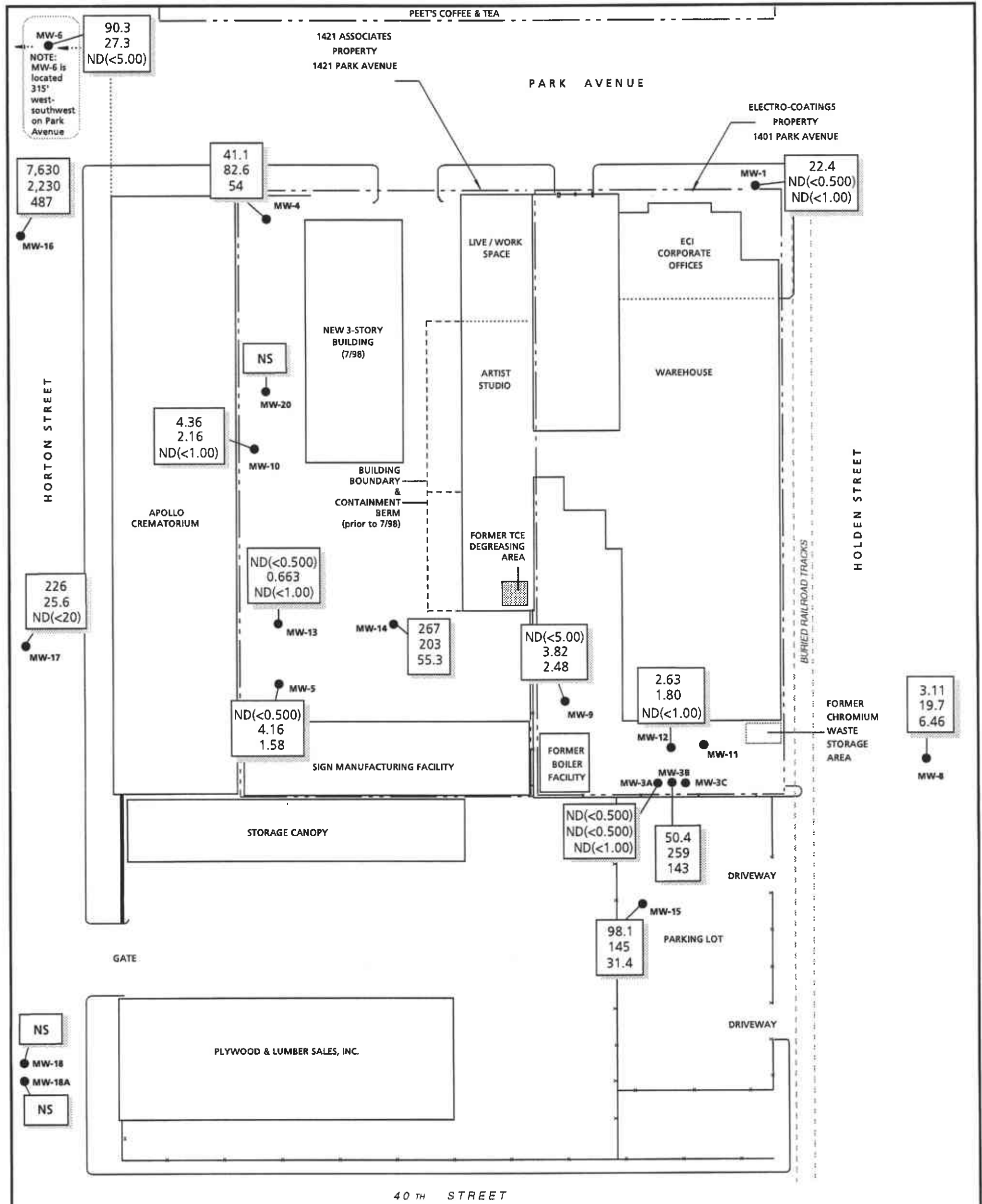
1 inch = 40 feet



EXPLANATION

- MW-9 Monitoring Well
- ND(<50) Hexavalent Chromium Concentrations (micrograms per liter) (ND=non detect with laboratory method detection limit)
- Property Boundaries
- - - Buried Railroad Tracks
- Fence Line
- NS Not Sampled

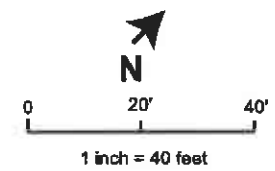




EXPLANATION

- Monitoring Well
- Property Boundaries
- Buried Railroad Tracks
- Fence Line
- Not Sampled

98.1 — Trichloroethylene (micrograms per liter)
 145 — cis-1,2-dichloroethylene (micrograms per liter)
 31.4 — vinylchloride (micrograms per liter)



SITE PLAN WITH HVOC CONCENTRATIONS (MARCH 2000)
 Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
 1421 Associates Property, 1421 Park Avenue
 Emeryville, California

RC000304

FIGURE

4



Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

4 April, 2000

Steve Brussee
Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond, CA 94804

RE: ECI/Emeryville
Sequoia Report: MJC0591

Enclosed are the results of analyses for samples received by the laboratory on 03/16/00 19:32. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew
Project Manager

CA ELAP Certificate #1210





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MJC0591-01	Water	03/16/00 00:00	03/16/00 19:32
MW-3A	MJC0591-02	Water	03/16/00 00:00	03/16/00 19:32
MW-3B	MJC0591-03	Water	03/16/00 00:00	03/16/00 19:32
MW-5	MJC0591-04	Water	03/16/00 00:00	03/16/00 19:32
MW-9	MJC0591-05	Water	03/16/00 00:00	03/16/00 19:32
MW-12	MJC0591-06	Water	03/16/00 00:00	03/16/00 19:32
MW-13	MJC0591-07	Water	03/16/00 00:00	03/16/00 19:32
MW-14	MJC0591-08	Water	03/16/00 00:00	03/16/00 19:32
MW-17	MJC0591-09	Water	03/16/00 00:00	03/16/00 19:32
TB	MJC0591-10	Water	03/16/00 00:00	03/16/00 19:32

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


Ron Chew, Project Manager





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

**Total Metals by EPA 200 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJC0591-01) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Chromium	ND	0.0100	mg/l	1	0C20002	03/20/00	04/02/00	EPA 200.7	
MW-3A (MJC0591-02) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Chromium	0.0160	0.0100	mg/l	1	0C20002	03/20/00	04/02/00	EPA 200.7	
MW-3B (MJC0591-03) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Chromium	0.110	0.0100	mg/l	1	0C20002	03/20/00	04/02/00	EPA 200.7	
MW-5 (MJC0591-04) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Chromium	-0.0860	0.0100	mg/l	1	0C20002	03/20/00	04/02/00	EPA 200.7	
MW-9 (MJC0591-05) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Chromium	0.226	0.0100	mg/l	1	0C20002	03/20/00	04/02/00	EPA 200.7	
MW-12 (MJC0591-06) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Chromium	0.400	0.0100	mg/l	1	0C20002	03/20/00	04/02/00	EPA 200.7	
MW-13 (MJC0591-07) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Chromium	0.178	0.0100	mg/l	1	0C20002	03/20/00	04/02/00	EPA 200.7	
MW-14 (MJC0591-08) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Chromium	0.0290	0.0100	mg/l	1	0C20002	03/20/00	04/02/00	EPA 200.7	
MW-17 (MJC0591-09) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Chromium	24.8	0.0100	mg/l	1	0C20002	03/20/00	04/02/00	EPA 200.7	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJC0591-01) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C17016	03/17/00	03/17/00	EPA 7196A	
MW-3A (MJC0591-02) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C17016	03/17/00	03/17/00	EPA 7196A	
MW-3B (MJC0591-03) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C17016	03/17/00	03/17/00	EPA 7196A	
MW-5 (MJC0591-04) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C17016	03/17/00	03/17/00	EPA 7196A	
MW-9 (MJC0591-05) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C17016	03/17/00	03/17/00	EPA 7196A	
MW-12 (MJC0591-06) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C17016	03/17/00	03/17/00	EPA 7196A	
MW-13 (MJC0591-07) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C17016	03/17/00	03/17/00	EPA 7196A	
MW-14 (MJC0591-08) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C17016	03/17/00	03/17/00	EPA 7196A	
MW-17 (MJC0591-09) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C17016	03/17/00	03/17/00	EPA 7196A	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MJC0591-01) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/24/00	03/26/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	22.4	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.8 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3A (MJC0591-02) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/24/00	03/26/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.4 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3B (MJC0591-03) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	10.0	ug/l	20	0C21008	03/24/00	03/28/00	EPA 8010B	
Bromoform	ND	10.0	"	"	"	"	"	"	
Bromomethane	ND	20.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	10.0	"	"	"	"	"	"	
Chlorobenzene	ND	10.0	"	"	"	"	"	"	
Chloroethane	ND	20.0	"	"	"	"	"	"	
Chloroform	ND	10.0	"	"	"	"	"	"	
Chloromethane	ND	20.0	"	"	"	"	"	"	
Dibromochloromethane	ND	10.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10.0	"	"	"	"	"	"	
1,1-Dichloroethane	138	10.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10.0	"	"	"	"	"	"	
1,1-Dichloroethene	581	10.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	259	10.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	54.6	10.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	10.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	10.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	10.0	"	"	"	"	"	"	
Tetrachloroethene	ND	10.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	83.1	10.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	10.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	20.0	"	"	"	"	"	"	
Trichloroethene	50.4	10.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	10.0	"	"	"	"	"	"	
Vinyl chloride	143	20.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	20.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.5 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MJC0591-04) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/24/00	03/28/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	0.608	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	4.16	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	3.67	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	1.58	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.8 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (MJC0591-05) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/24/00	03/28/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	0.531	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	6.53	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	0.606	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	3.82	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	1.77	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	1.12	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	2.48	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.0 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-12 (MJC0591-06) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/24/00	03/28/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	0.649	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	0.844	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	1.80	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	7.55	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	2.63	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.6 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
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Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-13 (MJC0591-07) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/24/00	03/28/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	5.88	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	0.663	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	1.63	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.2 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-14 (MJC0591-08) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	5.00	ug/l	10	0C21008	03/24/00	03/29/00	EPA 8010B	
Bromoform	ND	5.00	"	"	"	"	"	"	
Bromomethane	ND	10.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.00	"	"	"	"	"	"	
Chlorobenzene	ND	5.00	"	"	"	"	"	"	
Chloroethane	ND	10.0	"	"	"	"	"	"	
Chloroform	7.53	5.00	"	"	"	"	"	"	
Chloromethane	ND	10.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	203	5.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	7.66	5.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
Methylene chloride	ND	50.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.00	"	"	"	"	"	"	
Tetrachloroethene	ND	5.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.00	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	10.0	"	"	"	"	"	"	
Trichloroethene	267	5.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
Vinyl chloride	55.3	10.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.9 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-17 (MJC0591-09) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	10.0	ug/l	20	0C21008	03/24/00	03/29/00	EPA 8010B	
Bromoform	ND	10.0	"	"	"	"	"	"	
Bromomethane	ND	20.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	10.0	"	"	"	"	"	"	
Chlorobenzene	11.2	10.0	"	"	"	"	"	"	
Chloroethane	ND	20.0	"	"	"	"	"	"	
Chloroform	ND	10.0	"	"	"	"	"	"	
Chloromethane	ND	20.0	"	"	"	"	"	"	
Dibromochloromethane	ND	10.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	10.9	10.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	10.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10.0	"	"	"	"	"	"	
1,1-Dichloroethene	15.0	10.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	23.6	10.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	10.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	10.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	10.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	10.0	"	"	"	"	"	"	
Tetrachloroethene	ND	10.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	10.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	10.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	20.0	"	"	"	"	"	"	
Trichloroethene	226	10.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	10.0	"	"	"	"	"	"	
Vinyl chloride	ND	20.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	20.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.1 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB (MJC0591-10) Water Sampled: 03/16/00 00:00 Received: 03/16/00 19:32									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/24/00	03/28/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.6 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
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Project Manager: Steve Brussee

Reported:
04/04/00 15:16

**Total Metals by EPA 200 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0C20002 - EPA 3005A										
Blank (0C20002-BLK1)										
Prepared: 03/20/00 Analyzed: 04/02/00										
Chromium	ND	0.0100	mg/l							
LCS (0C20002-BS1)										
Prepared: 03/20/00 Analyzed: 04/02/00										
Chromium	1.10	0.0100	mg/l	1.00		110	80-120			
Matrix Spike (0C20002-MS1)										
Source: MJC0563-01 Prepared: 03/20/00 Analyzed: 04/02/00										
Chromium	1.10	0.0200	mg/l	1.00	ND	110	80-120			
Matrix Spike Dup (0C20002-MSD1)										
Source: MJC0563-01 Prepared: 03/20/00 Analyzed: 04/02/00										
Chromium	1.13	0.0200	mg/l	1.00	ND	113	80-120	2.69	20	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

**Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0C17016 - General Preparation										
Blank (0C17016-BLK1)										
Prepared & Analyzed: 03/17/00										
Hexavalent Chromium	ND	0.0500	mg/l							
LCS (0C17016-BS1)										
Prepared & Analyzed: 03/17/00										
Hexavalent Chromium	0.494	0.0500	mg/l	0.500		98.8	80-120			
Matrix Spike (0C17016-MS1)										
Source: MJC0591-02 Prepared & Analyzed: 03/17/00										
Hexavalent Chromium	0.419	0.0500	mg/l	0.500	ND	83.8	75-125			
Matrix Spike Dup (0C17016-MSD1)										
Source: MJC0591-02 Prepared & Analyzed: 03/17/00										
Hexavalent Chromium	0.394	0.0500	mg/l	0.500	ND	78.8	75-125	6.15	20	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

Blank (0C21008-BLK1)

Prepared: 03/21/00 Analyzed: 03/24/00

Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	0.500	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	0.500	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	0.500	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	0.500	"							
1,2-Dibromoethane	ND	0.500	"							
Surrogate: 4-Bromofluorobenzene	12.4		"	10.0		124	70-130			

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

Blank (0C21008-BLK2)

Prepared: 03/21/00 Analyzed: 03/25/00

Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	0.500	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	0.500	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	0.500	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	0.500	"							
1,2-Dibromoethane	ND	0.500	"							
Surrogate: 4-Bromofluorobenzene	8.50		"	10.0		85.0	70-130			





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

Blank (0C21008-BLK3)

Prepared & Analyzed: 03/28/00

Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	0.500	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	0.500	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,1,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	0.500	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	0.500	"							
1,2-Dibromoethane	ND	0.500	"							
Surrogate: 4-Bromofluorobenzene	9.50		"	10.0		95.0	70-130			

Sequoia Analytical - Morgan Hill

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Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

Blank (0C21008-BLK4)

Prepared: 03/28/00 Analyzed: 03/29/00

Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	1.00	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	1.00	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	1.00	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	1.00	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	1.00	"							
1,2-Dibromoethane	ND	1.00	"							

Surrogate: 4-Bromofluorobenzene

9.27

"

10.0

92.7

70-130





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

Blank (0C21008-BLK5)

Prepared & Analyzed: 03/30/00

Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	1.00	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	1.00	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	1.00	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	1.00	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	1.00	"							
1,2-Dibromoethane	ND	1.00	"							
Surrogate: 4-Bromofluorobenzene	7.26		"	10.0		72.6	70-130			





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

LCS (0C21008-BS1)

Prepared: 03/21/00 Analyzed: 03/24/00

Chlorobenzene	26.4	0.500	ug/l	25.0		106	70-130			
1,1-Dichloroethene	26.1	0.500	"	25.0		104	65-135			
Trichloroethene	25.4	0.500	"	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	12.0		"	10.0		120	70-130			

LCS (0C21008-BS2)

Prepared: 03/21/00 Analyzed: 03/25/00

Chlorobenzene	21.7	0.500	ug/l	25.0		86.8	70-130			
1,1-Dichloroethene	20.9	0.500	"	25.0		83.6	65-135			
Trichloroethene	22.2	0.500	"	25.0		88.8	70-130			
Surrogate: 4-Bromofluorobenzene	8.96		"	10.0		89.6	70-130			

LCS (0C21008-BS3)

Prepared & Analyzed: 03/28/00

Chlorobenzene	23.0	0.500	ug/l	25.0		92.0	70-130			
1,1-Dichloroethene	22.1	0.500	"	25.0		88.4	65-135			
Trichloroethene	23.1	0.500	"	25.0		92.4	70-130			
Surrogate: 4-Bromofluorobenzene	10.3		"	10.0		103	70-130			

LCS (0C21008-BS4)

Prepared: 03/28/00 Analyzed: 03/29/00

Chlorobenzene	20.6	0.500	ug/l	25.0		82.4	70-130			
1,1-Dichloroethene	20.3	0.500	"	25.0		81.2	65-135			
Trichloroethene	21.0	0.500	"	25.0		84.0	70-130			
Surrogate: 4-Bromofluorobenzene	9.23		"	10.0		92.3	70-130			

LCS (0C21008-BS5)

Prepared & Analyzed: 03/30/00

Chlorobenzene	19.3	0.500	ug/l	25.0		77.2	70-130			
1,1-Dichloroethene	21.8	0.500	"	25.0		87.2	65-135			
Trichloroethene	19.3	0.500	"	25.0		77.2	70-130			
Surrogate: 4-Bromofluorobenzene	7.92		"	10.0		79.2	70-130			





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

**Volatile Organic Compounds by EPA Method 8010B - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0C21008 - EPA 5030B [P/T]										
Matrix Spike (0C21008-MS1) Source: MJC0558-01 Prepared: 03/21/00 Analyzed: 03/23/00										
Chlorobenzene	23.3	0.500	ug/l	25.0	ND	93.2	60-140			
1,1-Dichloroethene	24.7	0.500	"	25.0	ND	98.8	60-140			
Trichloroethene	24.1	0.500	"	25.0	ND	96.4	60-140			
Surrogate: 4-Bromofluorobenzene	9.66		"	10.0		96.6	70-130			
Matrix Spike (0C21008-MS2) Source: MJC0641-01 Prepared: 03/24/00 Analyzed: 03/29/00										
Chlorobenzene	20.3	0.500	ug/l	25.0	ND	81.2	60-140			
1,1-Dichloroethene	19.3	0.500	"	25.0	ND	77.2	60-140			
Trichloroethene	47.1	0.500	"	25.0	41.1	24.0	60-140			
Surrogate: 4-Bromofluorobenzene	8.99		"	10.0		89.9	70-130			
Matrix Spike Dup (0C21008-MSD1) Source: MJC0558-01 Prepared: 03/21/00 Analyzed: 03/23/00										
Chlorobenzene	21.8	0.500	ug/l	25.0	ND	87.2	60-140	6.65	25	
1,1-Dichloroethene	21.4	0.500	"	25.0	ND	85.6	60-140	14.3	25	
Trichloroethene	21.1	0.500	"	25.0	ND	84.4	60-140	13.3	25	
Surrogate: 4-Bromofluorobenzene	10.9		"	10.0		109	70-130			
Matrix Spike Dup (0C21008-MSD2) Source: MJC0641-01 Prepared: 03/24/00 Analyzed: 03/29/00										
Chlorobenzene	20.4	0.500	ug/l	25.0	ND	81.6	60-140	0.491	25	
1,1-Dichloroethene	19.5	0.500	"	25.0	ND	78.0	60-140	1.03	25	
Trichloroethene	45.4	0.500	"	25.0	41.1	17.2	60-140	3.68	25	
Surrogate: 4-Bromofluorobenzene	9.07		"	10.0		90.7	70-130			





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: ECI/Emeryville
Project Number: -
Project Manager: Steve Brussee

Reported:
04/04/00 15:16

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



Project Number/Name RC000304.0003
 Project Location ECI/EMERYVILLE
 Laboratory SEQUOIA
 Project Manager STB
 Sampler(s)/Affiliation RK/AGM

ANALYSIS / METHOD / SIZE

MJC0591

16 7 32

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	TOTAL CHROMIUM	HEXAVALENT CHROMIUM	SOLID	Remarks	Total
✓ MW-1	L	AS MS		X	X	X	1	16.5
✓ MW-3A			X	X	X	2		
✓ MW-3B			X	X	X	3		
MW-4			X	X	X	4		
✓ MW-5			X	X	X	5		
MW-6			X	X	X	6		
MW-8			X	X	X	8		
✓ MW-9			X	X	X	9		
MW-10			X	X	X	10		
✓ MW-12			X	X	X	12		
✓ MW-13			X	X	X	13		
✓ MW-14			X	X	X	14		
MW-15			X	X	X	15		
MW-16			X	X	X	16		
✓ MW-17			X	X	X	17		

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 2

Relinquished by: [Signature] Organization: ARCADIS GERAGHTY & MILLER Date 3/16/00 Time 1932 Seal Intact? Yes No N/A
 Received by: [Signature] Organization: SEQUOIA Date 3/16/00 Time 1932 Seal Intact? Yes No N/A
 Relinquished by: _____ Organization: _____ Date 1/1 Time _____ Seal Intact? Yes No N/A
 Received by: _____ Organization: _____ Date 1/1 Time _____ Seal Intact? Yes No N/A

Special Instructions/Remarks: _____

Delivery Method: In Person Common Carrier Lab Courier Other _____ SPECIFY



Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

31 March, 2000

Steve Brussee
Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond, CA 94804

RE: -
Sequoia Report: MJC0641

Enclosed are the results of analyses for samples received by the laboratory on 03/17/00 18:11. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew
Project Manager

CA ELAP Certificate #1210





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	MJC0641-01	Water	03/17/00 00:00	03/17/00 18:11
MW-6	MJC0641-02	Water	03/17/00 00:00	03/17/00 18:11
MW-10	MJC0641-03	Water	03/17/00 00:00	03/17/00 18:11
MW-16	MJC0641-04	Water	03/17/00 00:00	03/17/00 18:11
MW-8	MJC0641-05	Water	03/17/00 00:00	03/17/00 18:11
TBlank	MJC0641-06	Water	03/17/00 00:00	03/17/00 18:11
MW-15	MJC0641-07	Water	03/17/00 00:00	03/17/00 18:11

Sequoia Analytical - Morgan Hill

Ron Chew, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

**Total Metals by EPA 200 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MJC0641-01) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Chromium	0.0150	0.0100	mg/l	1	0C20018	03/20/00	03/20/00	EPA 200.7	
MW-6 (MJC0641-02) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Chromium	8.80	0.0100	mg/l	1	0C20018	03/20/00	03/24/00	EPA 200.7	
MW-10 (MJC0641-03) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Chromium	0.0880	0.0100	mg/l	1	0C20018	03/20/00	03/24/00	EPA 200.7	
MW-16 (MJC0641-04) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Chromium	86.0	0.0200	mg/l	1	0C20018	03/20/00	03/24/00	EPA 200.7	
MW-8 (MJC0641-05) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Chromium	0.0160	0.0100	mg/l	1	0C20018	03/20/00	03/24/00	EPA 200.7	
MW-15 (MJC0641-07) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Chromium	ND	0.0100	mg/l	1	0C20018	03/20/00	03/24/00	EPA 200.7	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

**Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MJC0641-01) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C20014	03/17/00	03/17/00	EPA 7196A	
MW-6 (MJC0641-02) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Hexavalent Chromium	0.418	0.0500	mg/l	1	0C20014	03/17/00	03/17/00	EPA 7196A	
MW-10 (MJC0641-03) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C20014	03/17/00	03/17/00	EPA 7196A	
MW-16 (MJC0641-04) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C20014	03/17/00	03/17/00	EPA 7196A	
MW-8 (MJC0641-05) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C20014	03/17/00	03/17/00	EPA 7196A	
MW-15 (MJC0641-07) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Hexavalent Chromium	ND	0.0500	mg/l	1	0C20014	03/17/00	03/17/00	EPA 7196A	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MJC0641-01) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Bromodichloromethane	ND	2.50	ug/l	5	0C21008	03/28/00	03/31/00	EPA 8010B	
Bromoform	ND	2.50	"	"	"	"	"	"	
Bromomethane	ND	5.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.50	"	"	"	"	"	"	
Chlorobenzene	ND	2.50	"	"	"	"	"	"	
Chloroethane	ND	5.00	"	"	"	"	"	"	
Chloroform	ND	2.50	"	"	"	"	"	"	
Chloromethane	ND	5.00	"	"	"	"	"	"	
Dibromochloromethane	ND	2.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	2.93	2.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	82.6	2.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	6.30	2.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.50	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.50	"	"	"	"	"	"	
Tetrachloroethene	ND	2.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.50	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	5.00	"	"	"	"	"	"	
Trichloroethene	41.1	2.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.50	"	"	"	"	"	"	
Vinyl chloride	54.0	5.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	5.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82.7 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MJC0641-02) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Bromodichloromethane	ND	2.50	ug/l	5	0C21008	03/28/00	03/31/00	EPA 8010B	
Bromoform	ND	2.50	"	"	"	"	"	"	
Bromomethane	ND	5.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.50	"	"	"	"	"	"	
Chlorobenzene	ND	2.50	"	"	"	"	"	"	
Chloroethane	ND	5.00	"	"	"	"	"	"	
Chloroform	ND	2.50	"	"	"	"	"	"	
Chloromethane	ND	5.00	"	"	"	"	"	"	
Dibromochloromethane	ND	2.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.50	"	"	"	"	"	"	
1,1-Dichloroethene	6.00	2.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	27.3	2.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	2.70	2.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.50	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.50	"	"	"	"	"	"	
Tetrachloroethene	11.1	2.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.50	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	5.00	"	"	"	"	"	"	
Trichloroethene	90.3	2.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.50	"	"	"	"	"	"	
Vinyl chloride	ND	5.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	5.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.9 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MJC0641-03) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/28/00	03/30/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	2.60	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	0.505	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	2.16	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	4.36	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		74.4 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-16 (MJC0641-04) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Bromodichloromethane	ND	100	ug/l	200	0C21008	03/28/00	03/31/00	EPA 8010B	
Bromoform	ND	100	"	"	"	"	"	"	
Bromomethane	ND	200	"	"	"	"	"	"	
Carbon tetrachloride	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	100	"	"	"	"	"	"	
Chloroethane	ND	200	"	"	"	"	"	"	
Chloroform	ND	100	"	"	"	"	"	"	
Chloromethane	ND	200	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	690	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	2230	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Methylene chloride	ND	1000	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	200	"	"	"	"	"	"	
Trichloroethene	7630	100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	487	200	"	"	"	"	"	"	
1,2-Dibromoethane	ND	200	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		75.7 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MJC0641-05) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/28/00	03/31/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	0.872	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	1.98	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	19.7	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	3.85	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	3.11	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	6.46	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		73.9 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
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Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TBlank (MJC0641-06) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Bromodichloromethane	ND	0.500	ug/l	1	0C21008	03/28/00	03/29/00	EPA 8010B	
Bromoform	ND	0.500	"	"	"	"	"	"	
Bromomethane	ND	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.500	"	"	"	"	"	"	
Chlorobenzene	ND	0.500	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	0.500	"	"	"	"	"	"	
Chloromethane	ND	1.00	"	"	"	"	"	"	
Dibromochloromethane	ND	0.500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.500	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.500	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.500	"	"	"	"	"	"	
Tetrachloroethene	ND	0.500	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.500	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.500	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.500	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.0 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
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Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-15 (MJC0641-07) Water Sampled: 03/17/00 00:00 Received: 03/17/00 18:11									
Bromodichloromethane	ND	2.50	ug/l	5	0C21008	03/28/00	03/31/00	EPA 8010B	
Bromoform	ND	2.50	"	"	"	"	"	"	
Bromomethane	ND	5.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.50	"	"	"	"	"	"	
Chlorobenzene	ND	2.50	"	"	"	"	"	"	
Chloroethane	ND	5.00	"	"	"	"	"	"	
Chloroform	ND	2.50	"	"	"	"	"	"	
Chloromethane	ND	5.00	"	"	"	"	"	"	
Dibromochloromethane	ND	2.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	145	2.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	58.9	2.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.50	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.50	"	"	"	"	"	"	
Tetrachloroethene	ND	2.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.50	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane	ND	5.00	"	"	"	"	"	"	
Trichloroethene	98.1	2.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.50	"	"	"	"	"	"	
Vinyl chloride	31.4	5.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	5.00	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %		70-130	"	"	"	"	





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

**Total Metals by EPA 200 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0C20018 - EPA 3005A										
Blank (0C20018-BLK1)										
Prepared & Analyzed: 03/20/00										
Chromium	ND	0.0100	mg/l							
LCS (0C20018-BS1)										
Prepared & Analyzed: 03/20/00										
Chromium	1.00	0.0100	mg/l	1.00		100	80-120			
Matrix Spike (0C20018-MS1)										
Source: MJC0641-01 Prepared & Analyzed: 03/20/00										
Chromium	1.00	0.0100	mg/l	1.00	0.0150	98.5	80-120			
Matrix Spike Dup (0C20018-MSD1)										
Source: MJC0641-01 Prepared & Analyzed: 03/20/00										
Chromium	1.10	0.0100	mg/l	1.00	0.0150	109	80-120	9.52	20	





Arcadis-Geraghty & Miller - Richmond 1050 Marina Way South Richmond CA, 94804	Project: - Project Number: ECI Emeryville Project Manager: Steve Brussee	Reported: 03/31/00 17:35
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Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 0C20014 - General Preparation									
Blank (0C20014-BLK1)					Prepared & Analyzed: 03/17/00				
Hexavalent Chromium	ND	0.0500	mg/l						
LCS (0C20014-BS1)					Prepared & Analyzed: 03/17/00				
Hexavalent Chromium	0.556	0.0500	mg/l	0.500		111		80-120	
Matrix Spike (0C20014-MS1)					Source: MJC0641-01 Prepared & Analyzed: 03/17/00				
Hexavalent Chromium	ND	0.0500	mg/l	0.500	ND	75-125			Q-02
Matrix Spike Dup (0C20014-MSD1)					Source: MJC0641-01 Prepared & Analyzed: 03/17/00				
Hexavalent Chromium	ND	0.0500	mg/l	0.500	ND	75-125		20	Q-02





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

Blank (0C21008-BLK1)

Prepared: 03/21/00 Analyzed: 03/24/00

Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	0.500	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	0.500	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	0.500	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	0.500	"							
1,2-Dibromoethane	ND	0.500	"							
Surrogate: 4-Bromofluorobenzene	12.4		"	10.0		124	70-130			

Sequoia Analytical - Morgan Hill

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Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

Blank (0C21008-BLK2)

Prepared: 03/21/00 Analyzed: 03/25/00

Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	0.500	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	0.500	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	0.500	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	0.500	"							
1,2-Dibromoethane	ND	0.500	"							
Surrogate: 4-Bromofluorobenzene	8.50		"	10.0		85.0	70-130			





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

Blank (0C21008-BLK3)

Prepared & Analyzed: 03/28/00

Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	0.500	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	0.500	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	0.500	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethere	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	0.500	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	0.500	"							
1,2-Dibromoethane	ND	0.500	"							
Surrogate: 4-Bromofluorobenzene	9.50		"	10.0		95.0		70-130		

Sequoia Analytical - Morgan Hill

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Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0C21008 - EPA 5030B [P/T]										
Blank (0C21008-BLK4)										
Prepared: 03/28/00 Analyzed: 03/29/00										
Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	1.00	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	1.00	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	1.00	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethene	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	1.00	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	1.00	"							
1,2-Dibromoethane	ND	1.00	"							
<i>Surrogate: 4-Bromofluorobenzene</i>	9.27		"	10.0		92.7	70-130			





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0C21008 - EPA 5030B [P/T]										
Blank (0C21008-BLK5)										
Prepared & Analyzed: 03/30/00										
Bromodichloromethane	ND	0.500	ug/l							
Bromoform	ND	0.500	"							
Bromomethane	ND	1.00	"							
Carbon tetrachloride	ND	0.500	"							
Chlorobenzene	ND	0.500	"							
Chloroethane	ND	1.00	"							
Chloroform	ND	0.500	"							
Chloromethane	ND	1.00	"							
Dibromochloromethane	ND	0.500	"							
1,3-Dichlorobenzene	ND	0.500	"							
1,4-Dichlorobenzene	ND	0.500	"							
1,2-Dichlorobenzene	ND	0.500	"							
1,1-Dichloroethane	ND	0.500	"							
1,2-Dichloroethane	ND	0.500	"							
1,1-Dichloroethene	ND	0.500	"							
cis-1,2-Dichloroethane	ND	0.500	"							
trans-1,2-Dichloroethene	ND	0.500	"							
1,2-Dichloropropane	ND	0.500	"							
cis-1,3-Dichloropropene	ND	0.500	"							
trans-1,3-Dichloropropene	ND	0.500	"							
Methylene chloride	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	0.500	"							
Tetrachloroethene	ND	0.500	"							
1,1,1-Trichloroethane	ND	0.500	"							
1,1,2-Trichloroethane	ND	0.500	"							
1,1,2-Trichlorotrifluoroethane	ND	1.00	"							
Trichloroethene	ND	0.500	"							
Trichlorofluoromethane	ND	0.500	"							
Vinyl chloride	ND	1.00	"							
1,2-Dibromoethane	ND	1.00	"							
<i>Surrogate: 4-Bromofluorobenzene</i>	7.26		"	10.0		72.6	70-130			

Sequoia Analytical - Morgan Hill

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Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussec

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0C21008 - EPA 5030B [P/T]										
LCS (0C21008-BS1)										
						Prepared: 03/21/00 Analyzed: 03/24/00				
Chlorobenzene	26.4	0.500	ug/l	25.0		106	70-130			
1,1-Dichloroethene	26.1	0.500	"	25.0		104	65-135			
Trichloroethene	25.4	0.500	"	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	12.0		"	10.0		120	70-130			
LCS (0C21008-BS2)										
						Prepared: 03/21/00 Analyzed: 03/25/00				
Chlorobenzene	21.7	0.500	ug/l	25.0		86.8	70-130			
1,1-Dichloroethene	20.9	0.500	"	25.0		83.6	65-135			
Trichloroethene	22.2	0.500	"	25.0		88.8	70-130			
Surrogate: 4-Bromofluorobenzene	8.96		"	10.0		89.6	70-130			
LCS (0C21008-BS3)										
						Prepared & Analyzed: 03/28/00				
Chlorobenzene	23.0	0.500	ug/l	25.0		92.0	70-130			
1,1-Dichloroethene	22.1	0.500	"	25.0		88.4	65-135			
Trichloroethene	23.1	0.500	"	25.0		92.4	70-130			
Surrogate: 4-Bromofluorobenzene	10.3		"	10.0		103	70-130			
LCS (0C21008-BS4)										
						Prepared: 03/28/00 Analyzed: 03/29/00				
Chlorobenzene	20.6	0.500	ug/l	25.0		82.4	70-130			
1,1-Dichloroethene	20.3	0.500	"	25.0		81.2	65-135			
Trichloroethene	21.0	0.500	"	25.0		84.0	70-130			
Surrogate: 4-Bromofluorobenzene	9.23		"	10.0		92.3	70-130			
LCS (0C21008-BS5)										
						Prepared & Analyzed: 03/30/00				
Chlorobenzene	19.3	0.500	ug/l	25.0		77.2	70-130			
1,1-Dichloroethene	21.8	0.500	"	25.0		87.2	65-135			
Trichloroethene	19.3	0.500	"	25.0		77.2	70-130			
Surrogate: 4-Bromofluorobenzene	7.92		"	10.0		79.2	70-130			





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Volatile Organic Compounds by EPA Method 8010B - Quality Control Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0C21008 - EPA 5030B [P/T]

Matrix Spike (0C21008-MS1) Source: **MJC0558-01** Prepared: 03/21/00 Analyzed: 03/23/00

Chlorobenzene	23.3	0.500	ug/l	25.0	ND	93.2	60-140			
1,1-Dichloroethene	24.7	0.500	"	25.0	ND	98.8	60-140			
Trichloroethene	24.1	0.500	"	25.0	ND	96.4	60-140			
Surrogate: 4-Bromofluorobenzene	9.66		"	10.0		96.6	70-130			

Matrix Spike (0C21008-MS2) Source: **MJC0641-01** Prepared: 03/24/00 Analyzed: 03/29/00

Chlorobenzene	20.3	0.500	ug/l	25.0	ND	81.2	60-140			
1,1-Dichloroethene	19.3	0.500	"	25.0	ND	77.2	60-140			
Trichloroethene	47.1	0.500	"	25.0	41.1	24.0	60-140			
Surrogate: 4-Bromofluorobenzene	8.99		"	10.0		89.9	70-130			

Matrix Spike Dup (0C21008-MSD1) Source: **MJC0558-01** Prepared: 03/21/00 Analyzed: 03/23/00

Chlorobenzene	21.8	0.500	ug/l	25.0	ND	87.2	60-140	6.65	25	
1,1-Dichloroethene	21.4	0.500	"	25.0	ND	85.6	60-140	14.3	25	
Trichloroethene	21.1	0.500	"	25.0	ND	84.4	60-140	13.3	25	
Surrogate: 4-Bromofluorobenzene	10.9		"	10.0		109	70-130			

Matrix Spike Dup (0C21008-MSD2) Source: **MJC0641-01** Prepared: 03/24/00 Analyzed: 03/29/00

Chlorobenzene	20.4	0.500	ug/l	25.0	ND	81.6	60-140	0.491	25	
1,1-Dichloroethene	19.5	0.500	"	25.0	ND	78.0	60-140	1.03	25	
Trichloroethene	45.4	0.500	"	25.0	41.1	17.2	60-140	3.68	25	
Surrogate: 4-Bromofluorobenzene	9.07		"	10.0		90.7	70-130			





Arcadis-Geraghty & Miller - Richmond
1050 Marina Way South
Richmond CA, 94804

Project: -
Project Number: ECI Emeryville
Project Manager: Steve Brussee

Reported:
03/31/00 17:35

Notes and Definitions

- Q-02 The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference





SEQUOIA ANALYTICAL CHAIN OF CUSTODY

- 885 Jarvis Drive • Morgan Hill, CA 95037 • (408) 776-9600 • FAX (408) 782-6308
- 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
- 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
- 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
- 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Company Name: <u>ARCADIS GERAGHTY + MILLER</u>			Project Name: <u>ECI EMERYVILLE</u>		
Mailing Address: <u>1050 MARINA WAY SO.</u>			Billing Address (if different):		
City: <u>RICHMOND</u>		State: <u>CA</u>	Zip Code: <u>95037</u>		
Telephone: <u>1-510-233-3200</u>		FAX #: <u>1-510-233-3204</u>		P.O. #:	
Report To: <u>STEVEN BRUSSEE</u>		Sampler: <u>R KING</u>		QC Data: <input type="checkbox"/> Level D (Standard) <input type="checkbox"/> Level C <input type="checkbox"/> Level B <input type="checkbox"/> Level A	

Turnaround 10 Working Days 3 Working Days 2 - 8 Hours

Time: 7 Working Days 2 Working Days

5 Working Days 24 Hours

MJC0641

Analyses Requested

Drinking Water

Waste Water

Other

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Analyses Requested										Comments		
						TOTM Chromium	Hexavalent Chromium	Chromium	8010									
1. MW-4	AS (LABEL)	L	5		01	X	X	X										
2. MW-6			5		02	X	X	X										
3. MW-10			5		03	X	X	X										
4. MW-16			5		04	X	X	X										
5. MW-8			5		05	X	X	X										
6. TBLANK		X	1		06 W	X	X	X										
7. MW-15			5		07	X	X	X										
8.																		
9.																		
10.																		

Relinquished By: <u>R King</u>	Date: <u>3-17-00</u>	Time: <u>1:45</u>	Received By: <u>[Signature]</u>	Date: <u>3/17/00</u>	Time: <u>6:15</u>
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

Pink - Client
Yellow - Sequoia
White - Sequoia