Electro-
Coatings
Inc.

January 12, 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, February 1999

Dear Susan,

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

FYI, Judy is officially retired so please call me if you have any questions. I look forward to meeting you.

Sincerely,

Jeff Garvens
phone: 510-450-9790 Ext. 103
e-mail: jeff@electro-coatings.com

cc: Mr. Mark Johnson, RWQCB

enclosure

QUARTERLY GROUNDWATER SAMPLING RESULTS
October 1999

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

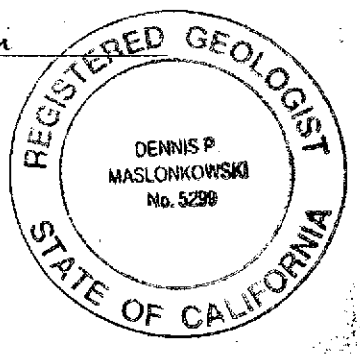
Prepared by

ARCADIS Geraghty & Miller, Inc.

December 29, 1999

Steven J. Brussee
Project Manager/Project Engineer

Dennis P. Maslonkowski, CHg, CEG
Principal Hydrogeologist



Quarterly Groundwater Sampling Results

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

Introduction

Groundwater Monitoring

This report presents the results of the October 1999 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 site.

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 implementation 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 is 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-9, MW-10, MW-12, MW-13, MW-14, MW-16, MW-17, MW-18, MW-18A, and MW-20 (Figure 1). (MW-18, MW-18A, and MW-20 are sampled semi-annually.)

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 apparatus. 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 onsite 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 (onsite versus offsite).

- Sampled on-site wells include MW-1, MW-3A, MW-3B, MW-4, MW-5, MW-9, MW-10, MW-12, MW-13, MW-14, and MW-20. Wells MW-3A and MW-20 are deeper wells and are 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-16 (the nearest off-site well), MW-17, MW-18, and MW-18A. MW-18 and MW-18A are cross-gradient wells; MW-18A is a deeper well and is screened below the uppermost water-bearing zone.

Groundwater Elevations

Groundwater elevations for the shallow-zone wells ranged from 6.52 feet above mean sea level (msl) (MW-6) to 9.90 feet msl (MW-3B). Historic and

current depth-to-water measurements and calculated groundwater elevations are presented in Table 1.

The groundwater elevations and groundwater contours in the upper water-bearing zone for the October 1999 sampling event are presented in Figure 2. Based on the depth-to-water data recorded on October 19, 1999, the direction of groundwater flow is toward the northwest, which is consistent with the previous sampling event (May 19, 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% from 65,670 micrograms per liter (µg/L) (March 1996) to 657 µg/L (October 1999).
- The average concentration of hexavalent chromium in these wells has decreased from 74,350 µg/L (March 1996) to 29 µg/L (October 1999).
- Two on-site groundwater monitoring wells with historic concentrations of hexavalent chromium in excess of 100,000 µg/L (MW-13 and MW-14) are now non-detect for hexavalent chromium (less than 50.0 µg/L).

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 98% from 3,040 µg/L

(April 1995) to 62 µg/L (October 1999).

- The average concentrations of biodegradation daughter products (i.e., cis-1,2 DCE and following vinyl chloride) initially increased the initiation of the remediation program and have subsequently shown decreasing trends.

The concentration trends for TCE, as well as for PCE, cis-1,2-DCE, and vinyl chloride are graphically depicted in Chart 2.

Results for the other off-site wells, MW-17, MW-18, and MW-18A show detections consistent with previous results.

Note: The laboratory analytical reports indicate numerous detections of methylene chloride. Sequoia Analytical has footnoted these detections as probable laboratory errors.

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 winter of 1999/2000.

Tables:

Figures:

Charts:

Appendix:

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-1	19-Apr-95		Not Located		--
(on-site)	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**
MW-3A	19-Apr-95	57.0-61.0	4.87	16.1	11.23
(on-site)	19-Sep-95		5.70		10.40
(deep well)	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**
MW-3B	19-Apr-95	16.0-18.0	6.76	16.3	9.54
(on-site)	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**

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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-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**
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**

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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-9	19-Apr-95	17.5-24.5	6.67	16.03	9.36
(on-site)	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**
MW-10	19-Apr-95	17.5-24.5	6.94	15.1	8.16
(on-site)	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**
MW-11	19-Apr-95	16.0-29.0	6.38	15.94	9.56
(on-site)	12-Sep-96		6.40		9.54
	7-Apr-97		6.56		9.38
	29-Sep-97		5.80		10.14

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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-12	19-Apr-95	17.5-28.5	6.52	16.04	9.52
(on-site)	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**
MW-13	19-Apr-95	10.5-15.5	6.75	15.37	8.62
(on-site)	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**

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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-14	19-Apr-95	15.0-25.0	6.71	15.49	8.78
(on-site)	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**
MW-20	19-Apr-95	31.0-51.0	2.78	14.93	12.15
(on-site)	19-Sep-95		2.47		12.46
(deep well)	14-Dec-95		2.95		11.98
(semi annual)	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**

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-6	19-Apr-95	13.0-17.0	3.55	9.24	5.69
(off-site)	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**
MW-8	19-Apr-95	16.0-22.0	5.50	16.42	10.92
(off-site)			NL		
MW-15	19-Apr-95	15.0-25.0	7.94	17.26	9.32
(off-site)	19-Sep-95		NL		--

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-16	19-Apr-95	12.0-22.0	4.57	12.08	7.51
(off-site)	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**
MW-17	19-Apr-95	10.0-20.0	4.48	12.76	8.28
(off-site)	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**

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-18	19-Apr-95	15.0-25.0	4.79	13.57	8.78
(off-site)	19-Sep-95		5.00		8.57
(semi-annual)	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**
MW-18A	19-Apr-95	35.0-50.0	4.67	13.36	8.69
(off-site)	19-Sep-95		5.76		7.60
(deep well)	14-Dec-95		5.60		7.76
(semi-annual)	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	19-Apr-95	10.0-25.0	NL		NL
(off-site)					
MW-21	19-Apr-95	10.0-25.0	NL		NL
(off-site)					
MW-2	19-Apr-95	14.0-21.0	NL		NL
MW-7	19-Apr-95	10.0-13.0	NL		NL

Notes appear on the following page.

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)

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	13-Sep-96	59	45	6.0	570	18.0	64.4		
(on-site)	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**
MW-3A	19-Sep-95	15	6 (c)	7.3	2,800	21.8	71.2		
(on-site)	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**
MW-3B	22-Apr-98	3	3	6.9	1,500	19.6	67		
(on-site)	27-Jul-98	NA	1	7.1	1,050	22.4		1.17	-5
(deep well)	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**

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 Calc. (a) (gallons)	Purge Volume Actual (gallons)	Field Measurements pH	SC (µS)	Temp (°C)	Temp (°F)	DO (mg/L)	Redox (mV)
MW-4	19-Sep-95	4	4	7.1	1,970	21.6	70.9		
(on-site)	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**
MW-5	30-Jun-97	2	1.8	5.6	2,100	21.0	69.8		
(on-site)	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**
MW-9	13-Sep-96	40	40	7.0	700	17.9	64.3		
(on-site)	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**

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)

Our Ref:
ECI\Emeryille\Tables\Fielddat.xls

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 Calc. (a) (gallons)	Purge Volume Actual (gallons)	Field Measurements pH	SC (µS)	Temp (°C)	Temp (°F)	DO (mg/L)	Redox (mV)
MW-10	30-Sep-97	32	7	6.4	2,700	23.3	74		
(on-site)	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**
MW-11	12-Sep-96	122	125	6.3	650	18.4	65.2		
(on-site)	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.								
MW-12	19-Sep-95	39	40	6.2	2,320	21.7	71.1		
(on-site)	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**

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 Calc. (a) (gallons)	Purge Volume Actual (gallons)	Field Measurements pH	SC (µS)	Temp (°C)	Temp (°F)	DO (mg/L)	Redox (mV)
MW-13	19-Sep-95	36	35	6.4	2,610	20.9	69.6		
(on-site)	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**
MW-14	12-Sep-96	48	15 (b)	6.0	820	18.8	65.8		
(on-site)	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**

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 Calc. (a) (gallons)	Purge Volume Actual (gallons)	Field Measurements pH	SC (µS)	Temp (°C)	Temp (°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	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**
MW-6	19-Sep-95	3	5	7.0	1,482	21.3	70.3		
(off-site)	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**

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-16	19-Sep-95	40	40	6.7	1,710	NM	NM		
(off-site)	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**
MW-17	19-Sep-95	39	40	6.8	2,410	22.3	72.1		
(off-site)	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**

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 Calc. (a) (gallons)	Purge Volume Actual (gallons)	Field Measurements pH	SC (µS)	Temp (°C)	Temp (°F)	DO (mg/L)	Redox (mV)
MW-18	19-Sep-95	40	20 (b)	4.1	1,920	23.1	73.6		
(off-site)	14-Dec-95	57	57	5.0	3,140	20.7	69.2		
(semi-annual)	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	19-Sep-95	68	20 (c)	6.0	920	22.3	72.1		
(off-site)	15-Dec-95	91	40 (b)	6.5	1,960	18.3	64.9		
(deep well)	6-Mar-96	96	80	6.0	810	19.9	67.8		
(semi-annual)	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**

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 Calc. (a) (gallons)	Purge Volume Actual (gallons)	Field Measurements pH	SC (µS)	Temp (°C)	Temp (°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.

(µS) 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)**
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)**

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)**
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(<50)
		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)**
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)**

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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)**
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)**

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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)**

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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)**
MW-14 (on-site)	15.0-25.0	26-Feb-85	654,000	632,000
		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)**

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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**

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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)
MW-15 (off-site)	15.0-25.0	26-Feb-85	ND (<20)	ND (<20)
		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)
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**
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**

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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)

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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-18 (off-site)	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)	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)**
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	Not Located	
MW-7	10.0-13.0	19-Apr-95	Not Located	
MW-19	10.0-25.0	22-Jun-83	NA (<20)	NA (<20)
		26-Feb-85	20	20
		19-Apr-95	Not Located	
MW-21	10.0-25.0	21-Jun-83	20	ND (<20)
		26-Feb-85	40	ND (<20)
		19-Apr-95	Not Located	

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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)
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 applicable

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).

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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-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)**	**---**	**---**	**---**	**---**

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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)**	**---**	**---**	**---**

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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)**	**---**	**---**	**---**
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-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 (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-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)**	**---**	**---**	**---**

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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)**	**---**	**---**	**---**

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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 1998												
	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)**	**---**	**---**	**---**
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									---			
	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	11-Nov-91	10	130	---	9	3.3	ND(<2)	4.6	1.3	---	---	---	---	---
(on-site)	20-Apr-95	9.4	52	5.0	ND(<2.5)	9.0	ND(<5)	3.9	ND(<2.5)	ND(<2.5)	---	---	---	---
(SI 17.6-28.5)	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)**	**---**	**---**	**---**

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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)**	---	---	---

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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)**	**---**	**---**	**---**

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-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)	---	---	---	---
(SI 31.0-51.0)	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)	---	---	---	---
	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-6	11-Jun-85	ND(<0.5)	220	---	54	ND(<5)	ND(<5)	3.9	ND(<5)	---	---	---	---	---
(off-site)	5-Nov-91	5.9	420	---	78	29	19	6.4	ND(<0.5)	---	---	---	---	---
(SI 13.0-17.0)	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)**	**---**	**---**	**---**
MW-8	10-Jun-85	18	46	---	19	ND(<1)	3	ND(<1)	1	---	---	---	---	---
(off-site)	11-Jun-85	35	93	---	32	1	---	ND(<0.5)	1	---	---	---	---	---
(SI 16.0-22.0)	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	**Not Located**												

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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	13-Jun-85	ND(<50)	1,200	---	410	ND(<50)	ND(<50)	ND(<50)	ND(<50)	---	---	---	---	---
(off-site)	21-Nov-91	ND(<5)	650	---	220	ND(<5)	ND(<10)	ND(<5)	ND(<5)	---	---	---	---	---
(SI 15.0-25.0)	21-Apr-95	ND(<10)	300	88	130	ND(<10)	ND(<20)	ND(<10)	ND(<10)	ND(<10)	---	---	---	---
	19-Sep-95	**Not Located**												
MW-16	21-Mar-85	42	360	---	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---	---
(off-site)	19-Nov-91	ND(<5)	19,000	---	2299	1,200	420	1,300	ND(<5)	---	---	---	---	---
(SI 12.0-22.0)	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)**	---	---	---

Our Ref:
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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)**	---	---	---

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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	12-Jun-85	32	430	---	140	ND(<0.5)	ND(<0.5)	52	ND(<0.5)	---	---	---	---	---
(off-site)	12-Jun-85	ND(<50)	340	---	ND(<50)	ND(<50)	---	66	ND(<50)	---	---	---	---	---
(SI 15.0-25.0)	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	13-Jun-85	ND(<0.5)	10	---	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---	---	---	---	---
(off-site)	19-Nov-91	ND(<0.5)	ND(<0.5)	---	ND(<0.5)	ND(<0.5)	ND(<1)	ND(<0.5)	ND(<0.5)	---	---	---	---	---
(SI 35.0-50.0)	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	Not Located												
MW-7 (SI 10.0-13.0)	19-Apr-95	Not Located												
MW-19 (SI 10.0-25.0)	21-Mar-85	23	91	---	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	---		---	---	---
	19-Apr-95	Not Located												
MW-21 (SI 10.0-25.0)	13-Jun-85	ND(<50)	2,200	---	800	ND(<50)	ND(<50)	110	ND(<50)	---		---	---	---
	19-Apr-95	Not Located												
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)		---	---	---

Notes appear on the following page.

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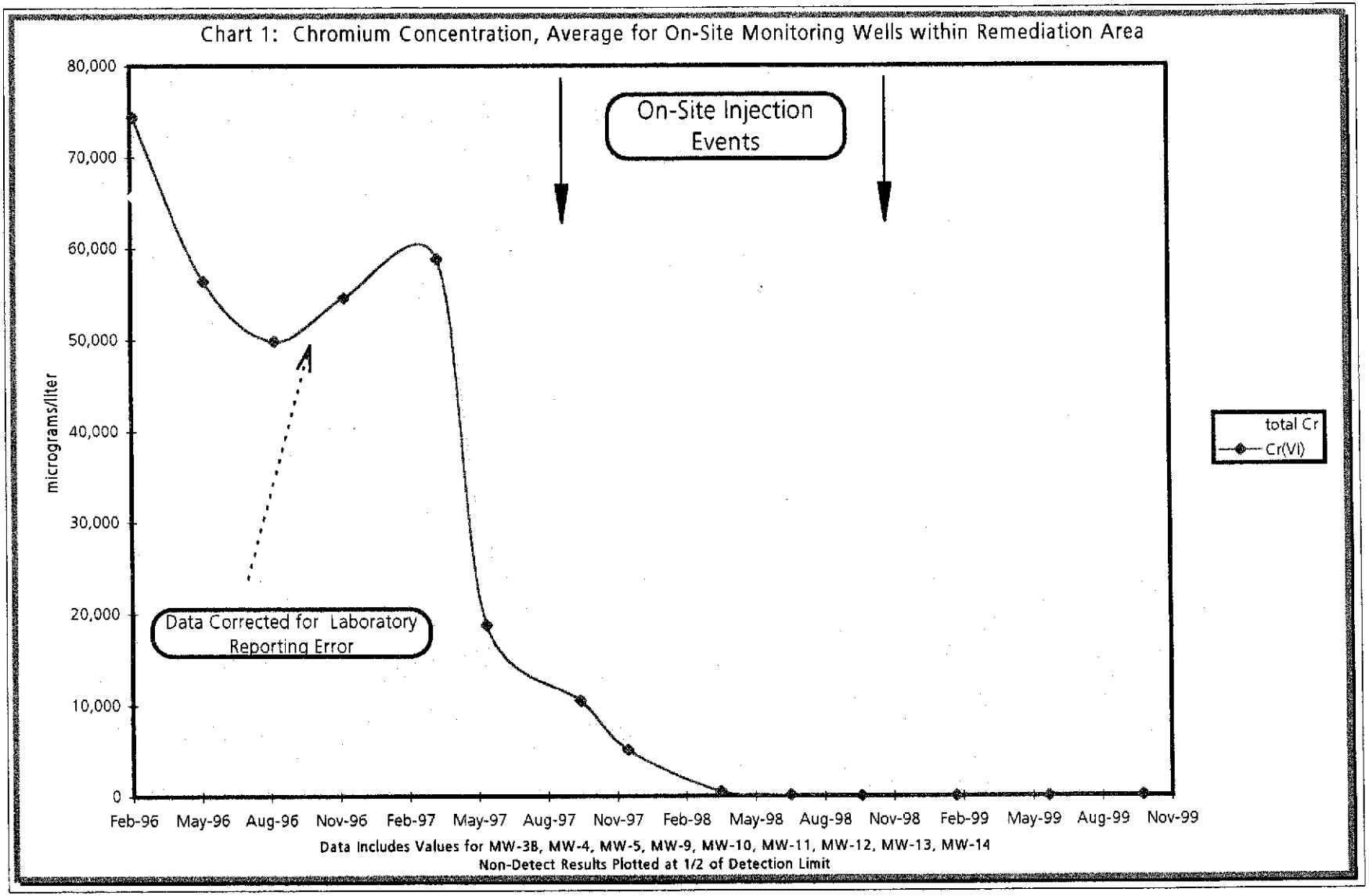
Table 4: Cumulative Groundwater-Sample Analytical Results-Halogenated Volatile Organic Compounds
Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
1421 Associates Property, 1421 Park Avenue
Emeryville, California

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)

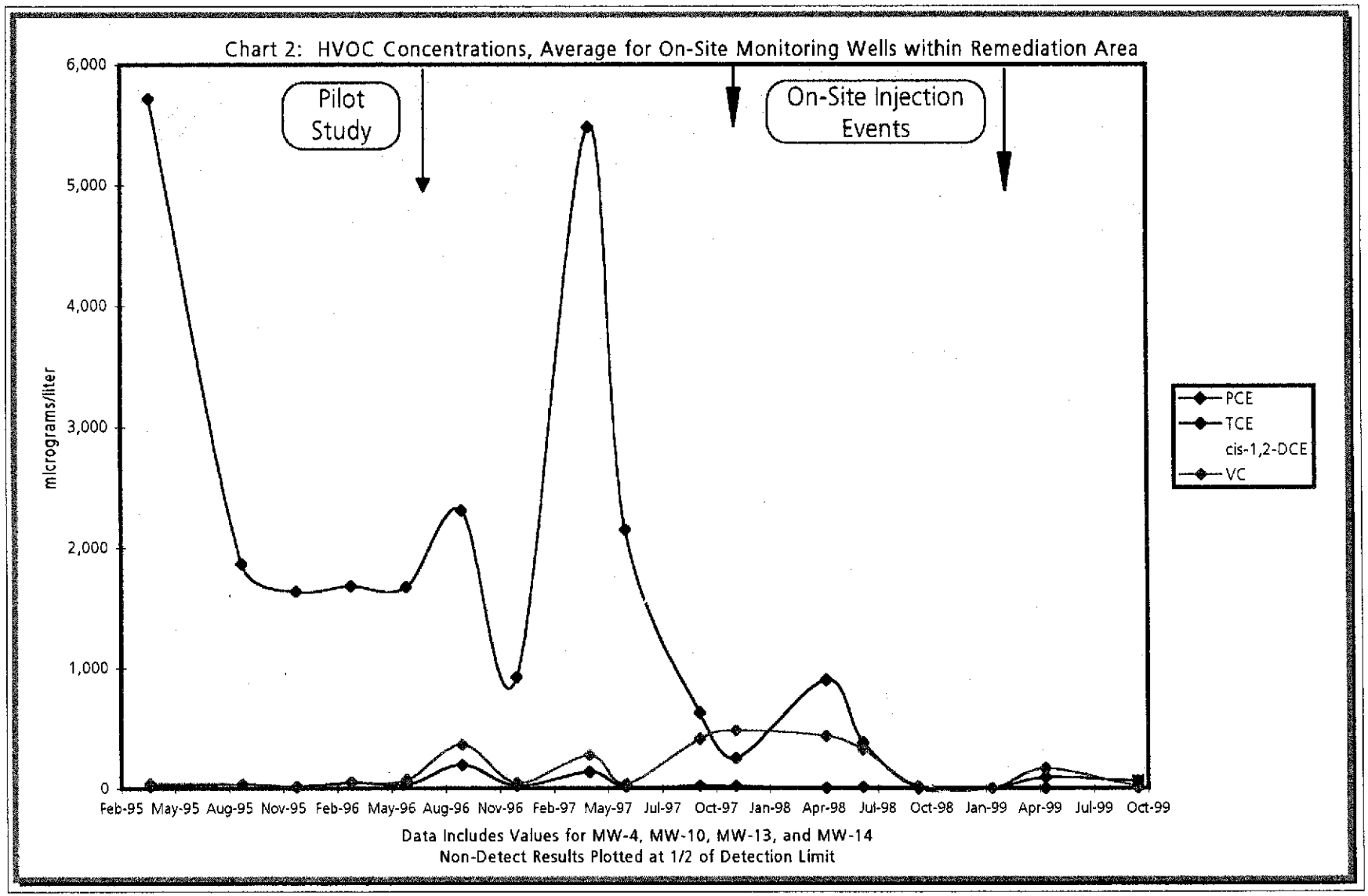
(a) Analyzed by USEPA Method 8010.
(b) Denotes well that was part of the pilot study performed from August 1995 through February 1996.
(c) Laboratory reports methylene chloride is a suspected laboratory contaminant.
(d) Laboratory reports reporting limit for the sample has been raised due to the foamy 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 Clorobenzene
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
SI Screened interval

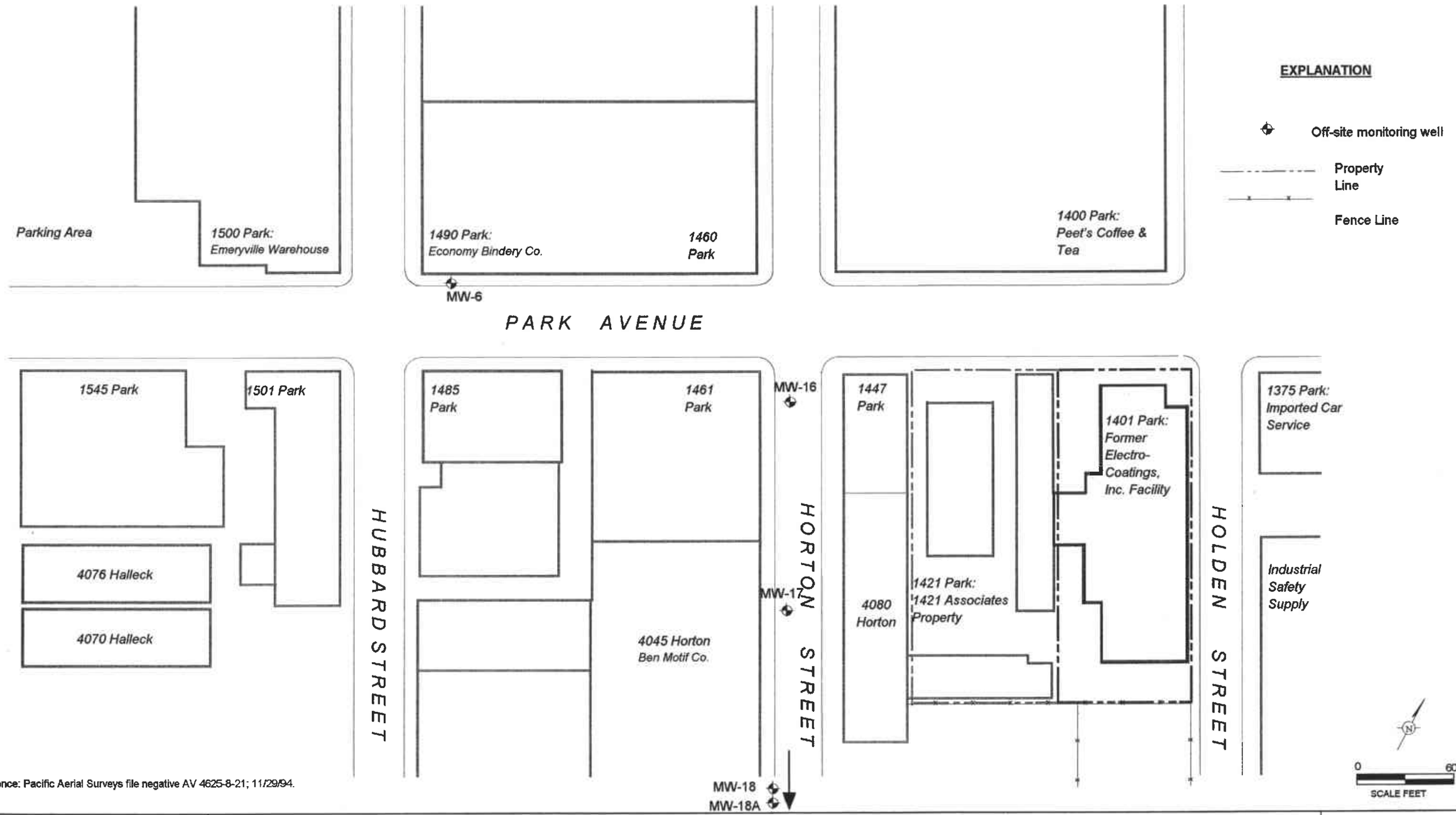
Data from August 1977 through July 1994 taken from groundwater monitoring reports by American Environmental Management Corporation (January 27, 1992, and October 28, 1994).
Beginning April 20, 1995, laboratory analyses performed by Sequoia Analytical (Walnut Creek and Redwood City, California).
Methane,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



Our Ref:
Tables\Charts



Our Ref:
Tables\Charts



Reference: Pacific Aerial Surveys file negative AV 4625-8-21; 11/29/94.

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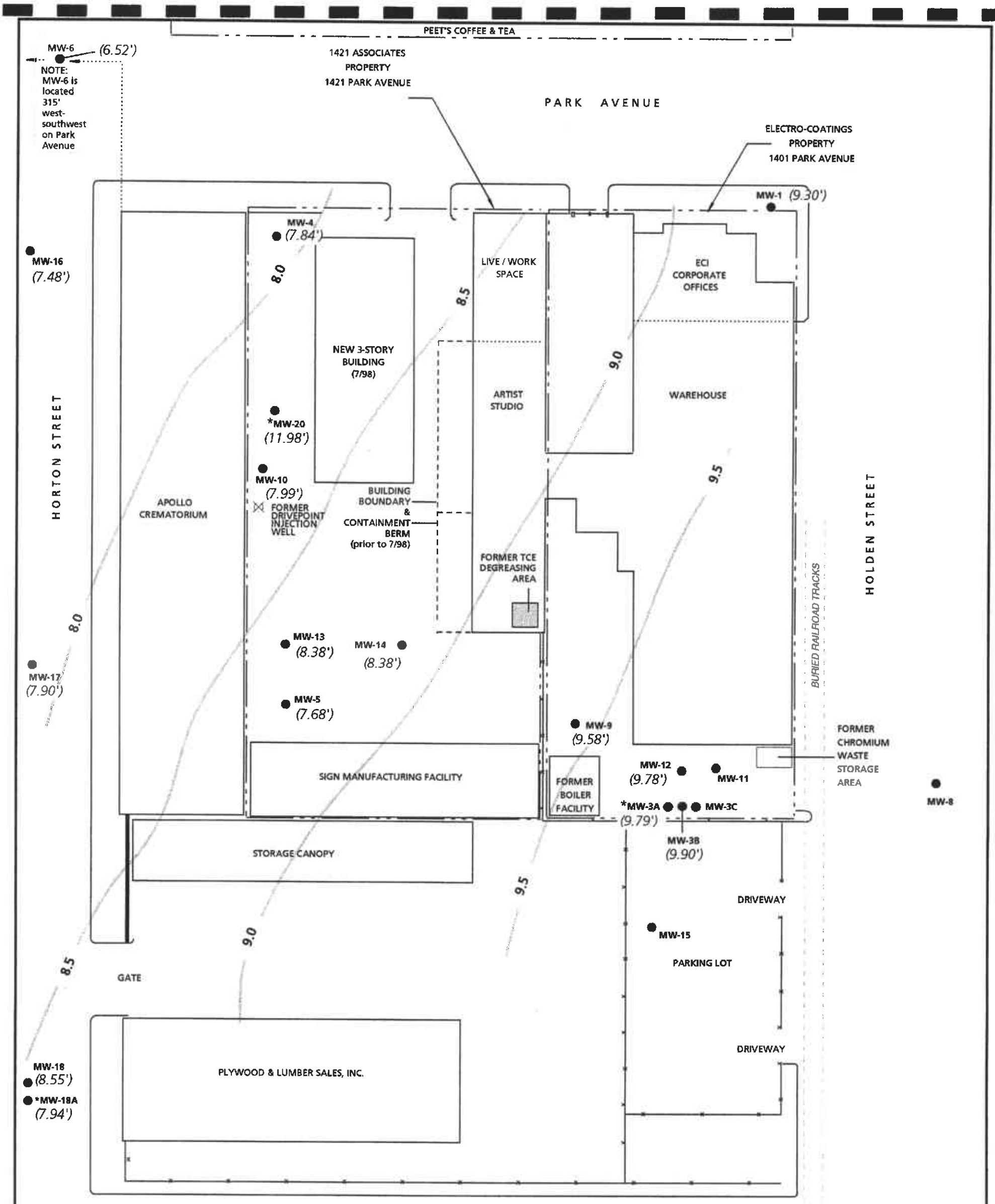
SITE VICINITY MAP
Former Electro-Coatings, Inc. Facility
1401 Park Avenue
Emeryville, California

RC000304
FIGURE
1



ARCADIS GERAGHTY & MILLER

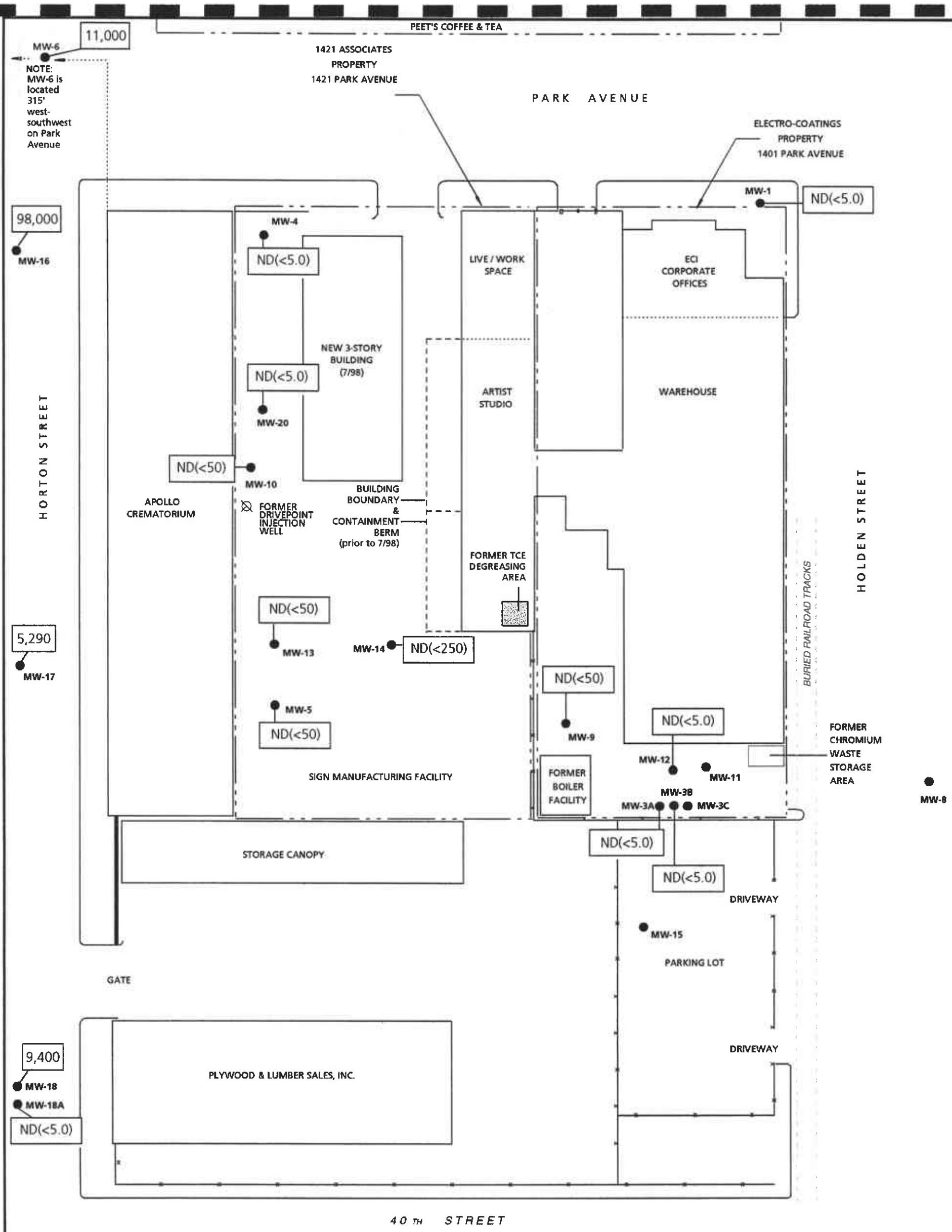
SITE PLAN WITH GROUNDWATER ELEVATION CONTOURS (OCTOBER 1999)

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

RC000304

FIGURE

2



ARCADIS GERAGHTY&MILLER

SITE PLAN WITH HEXAVALENT CHROMIUM CONCENTRATIONS (OCTOBER 1999)

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

RC000304
FIGURE
3

PEET'S COFFEE & TEA

1421 ASSOCIATES PROPERTY
1421 PARK AVENUE

PARK AVENUE

ELECTRO-COATINGS PROPERTY
1401 PARK AVENUE

MW-6
110
15
ND(<10)
NOTE: MW-6 is located 315' west-southwest on Park Avenue

11,000
1,800
900
MW-16

MW-4
ND(<0.50)
4.3
21

ND(<0.50)
ND(<0.50)
ND(<1.0)
MW-20
NEW 3-STORY BUILDING (7/98)

3.8
15
ND(<5.0)
MW-10

FORMER DRIVEPOINT INJECTION WELL

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

APOLLO CREMATORIUM

HORTON STREET

LIVE / WORK SPACE

ARTIST STUDIO

ECI CORPORATE OFFICES

WAREHOUSE

MW-1
33
ND(<0.50)
ND(<1.0)

HOLDEN STREET

FORMER TCE DEGREASING AREA

ND(<25)
ND(<25)
ND(<50)
MW-13

MW-14
230
600
ND(<50)

220
16
10
MW-17

MW-5
ND(<25)
ND(<25)
ND(<50)

SIGN MANUFACTURING FACILITY

ND(<5.0)
ND(<5.0)
ND(<10)
MW-9

2.8
3.5
ND(<1.0)
MW-12
MW-11

BURIED RAILROAD TRACKS

FORMER CHROMIUM WASTE STORAGE AREA

MW-8

FORMER BOILER FACILITY

MW-3B
MW-3A
MW-3C

ND(<0.50)
ND(<0.50)
ND(<1.0)

35
600
220

STORAGE CANOPY

DRIVEWAY

MW-15

PARKING LOT

GATE

120
13
ND(<5.0)
MW-18
MW-18A
ND(<0.50)
ND(<0.50)
ND(<1.0)

PLYWOOD & LUMBER SALES, INC.

DRIVEWAY

40 TH STREET

EXPLANATION

MW-9 — Monitoring Well

1421 Associates Property
Former Electro-Coatings, Inc. Facility — Property Boundaries

Buried Railroad Tracks

Fence Line

220 — Trichloroethylene (micrograms per liter)
16 — cis-1,2-dichloroethylene (micrograms per liter)
10 — vinylchoride (micrograms per liter)

N

0 20' 40'

1 inch = 40 feet

ARCADIS GERAGHTY & MILLER

SITE PLAN WITH HVOC CONCENTRATIONS (OCTOBER 1999)
Former Electro-Coatings, Inc. Facility, 1401 Park Avenue
1421 Associates Property, 1421 Park Avenue
Emeryville, California

RC000304
FIGURE
4

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

4 November, 1999

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

RE: RC000304.03/ECI

Enclosed are the results of analyses for samples received by the laboratory on 20-Oct-99 16:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dimple Sharma
Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	W910410-01	Water	20-Oct-99 09:12	20-Oct-99 16:10
MW-9	W910410-02	Water	20-Oct-99 10:08	20-Oct-99 16:10
MW-12	W910410-03	Water	20-Oct-99 10:44	20-Oct-99 16:10
MW-3A	W910410-04	Water	20-Oct-99 11:16	20-Oct-99 16:10
MW-3B	W910410-05	Water	20-Oct-99 11:50	20-Oct-99 16:10
MW-14	W910410-06	Water	20-Oct-99 12:54	20-Oct-99 16:10
MW-13	W910410-07	Water	20-Oct-99 13:45	20-Oct-99 16:10
MW-5	W910410-08	Water	20-Oct-99 14:23	20-Oct-99 16:10
MW-10	W910410-09	Water	20-Oct-99 15:13	20-Oct-99 16:10

Dimple Sharma, Project Manager

Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Total Metals by EPA 200 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (W910410-01) Water	**Sampled: 20-Oct-99 09:12**	**Received: 20-Oct-99 16:10**							
Chromium	ND	0.010	mg/l	1	9J28014	28-Oct-99	03-Nov-99	EPA 200.7	
MW-9 (W910410-02) Water	**Sampled: 20-Oct-99 10:08**	**Received: 20-Oct-99 16:10**							
Chromium	**0.70**	0.010	mg/l	1	9J28014	28-Oct-99	03-Nov-99	EPA 200.7	
MW-12 (W910410-03) Water	**Sampled: 20-Oct-99 10:44**	**Received: 20-Oct-99 16:10**							
Chromium	**0.39**	0.010	mg/l	1	9J28014	28-Oct-99	03-Nov-99	EPA 200.7	
MW-3A (W910410-04) Water	**Sampled: 20-Oct-99 11:16**	**Received: 20-Oct-99 16:10**							
Chromium	ND	0.010	mg/l	1	9J28014	28-Oct-99	03-Nov-99	EPA 200.7	
MW-3B (W910410-05) Water	**Sampled: 20-Oct-99 11:50**	**Received: 20-Oct-99 16:10**							
Chromium	**0.049**	0.010	mg/l	1	9J28014	28-Oct-99	03-Nov-99	EPA 200.7	
MW-14 (W910410-06) Water	**Sampled: 20-Oct-99 12:54**	**Received: 20-Oct-99 16:10**							
Chromium	**1.3**	0.020	mg/l	2	9J28014	28-Oct-99	03-Nov-99	EPA 200.7	
MW-13 (W910410-07) Water	**Sampled: 20-Oct-99 13:45**	**Received: 20-Oct-99 16:10**							
Chromium	**1.9**	0.010	mg/l	1	9J28014	28-Oct-99	03-Nov-99	EPA 200.7	
MW-5 (W910410-08) Water	**Sampled: 20-Oct-99 14:23**	**Received: 20-Oct-99 16:10**							
Chromium	**0.69**	0.010	mg/l	1	9J28014	28-Oct-99	03-Nov-99	EPA 200.7	
MW-10 (W910410-09) Water	**Sampled: 20-Oct-99 15:13**	**Received: 20-Oct-99 16:10**							
Chromium	**0.20**	0.010	mg/l	1	9J28014	28-Oct-99	03-Nov-99	EPA 200.7	

Dimple Sharma, Project Manager

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (W910410-01) Water	**Sampled: 20-Oct-99 09:12**	**Received: 20-Oct-99 16:10**							
Hexavalent Chromium	ND	0.0050	mg/l	1	9J20017	21-Oct-99	21-Oct-99	EPA 7196A	
MW-9 (W910410-02) Water	**Sampled: 20-Oct-99 10:08**	**Received: 20-Oct-99 16:10**							
Hexavalent Chromium	ND	0.050	mg/l	10	9J20017	21-Oct-99	21-Oct-99	EPA 7196A	R-01
MW-12 (W910410-03) Water	**Sampled: 20-Oct-99 10:44**	**Received: 20-Oct-99 16:10**							
Hexavalent Chromium	ND	0.0050	mg/l	1	9J20017	21-Oct-99	21-Oct-99	EPA 7196A	
MW-3A (W910410-04) Water	**Sampled: 20-Oct-99 11:16**	**Received: 20-Oct-99 16:10**							
Hexavalent Chromium	ND	0.0050	mg/l	1	9J20017	21-Oct-99	21-Oct-99	EPA 7196A	
MW-3B (W910410-05) Water	**Sampled: 20-Oct-99 11:50**	**Received: 20-Oct-99 16:10**							
Hexavalent Chromium	ND	0.0050	mg/l	1	9J20017	21-Oct-99	21-Oct-99	EPA 7196A	
MW-14 (W910410-06) Water	**Sampled: 20-Oct-99 12:54**	**Received: 20-Oct-99 16:10**							
Hexavalent Chromium	ND	0.25	mg/l	50	9J20017	21-Oct-99	21-Oct-99	EPA 7196A	R-01
MW-13 (W910410-07) Water	**Sampled: 20-Oct-99 13:45**	**Received: 20-Oct-99 16:10**							
Hexavalent Chromium	ND	0.050	mg/l	10	9J20017	21-Oct-99	21-Oct-99	EPA 7196A	R-01
MW-5 (W910410-08) Water	**Sampled: 20-Oct-99 14:23**	**Received: 20-Oct-99 16:10**							
Hexavalent Chromium	ND	0.050	mg/l	10	9J20017	21-Oct-99	21-Oct-99	EPA 7196A	R-01
MW-10 (W910410-09) Water	**Sampled: 20-Oct-99 15:13**	**Received: 20-Oct-99 16:10**							
Hexavalent Chromium	ND	0.050	mg/l	10	9J20017	21-Oct-99	21-Oct-99	EPA 7196A	R-01

Dimple Sharma, Project Manager

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (W910410-01) Water	**Sampled: 20-Oct-99 09:12**	**Received: 20-Oct-99 16:10**							
Bromodichloromethane	ND	0.50	ug/l	1	9K02006	02-Nov-99	02-Nov-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	**33**	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*76.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*75.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (W910410-02) Water	**Sampled: 20-Oct-99 10:08**	**Received: 20-Oct-99 16:10**							**A-01a**
Bromodichloromethane	ND	5.0	ug/l	10	9K02006	02-Nov-99	02-Nov-99	EPA 8010B	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	10	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	10	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	**5.2**	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	**13**	5.0	"	1	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	5.0	"	10	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*69.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*69.0 %*	*50-150*		"	"	"	"	

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-12 (W910410-03) Water Sampled: 20-Oct-99 10:44 Received: 20-Oct-99 16:10									
Bromodichloromethane	ND	0.50	ug/l	1	9K02006	02-Nov-99	02-Nov-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**0.91**	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	**0.89**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.5**	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	**6.9**	5.0	"	"	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	**7.6**	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	**2.8**	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*80.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*68.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3A (W910410-04) Water	**Sampled: 20-Oct-99 11:16**	**Received: 20-Oct-99 16:10**							**A-01b**
Bromodichloromethane	ND	0.50	ug/l	1	9K02006	02-Nov-99	02-Nov-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	**6.5**	5.0	"	"	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*73.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3B (W910410-05) Water	**Sampled: 20-Oct-99 11:50**	**Received: 20-Oct-99 16:10**							**A-01b**
Bromodichloromethane	ND	25	ug/l	50	9K02006	02-Nov-99	02-Nov-99	EPA 8010B	
Bromoform	ND	25	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	25	"	"	"	"	"	"	
Chlorobenzene	ND	25	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,1-Dichloroethane	**230**	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,1-Dichloroethene	**1100**	25	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**600**	25	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**100**	25	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25	"	"	"	"	"	"	
Methylene chloride	**5.2**	5.0	"	1	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	25	"	50	"	"	"	"	
Tetrachloroethene	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	**160**	25	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25	"	"	"	"	"	"	
Trichloroethene	**35**	25	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25	"	"	"	"	"	"	
Vinyl chloride	**220**	50	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*93.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.0 %*	*50-150*		"	"	"	"	

Dimple Sharma, Project Manager

Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-14 (W910410-06) Water	**Sampled: 20-Oct-99 12:54**	**Received: 20-Oct-99 16:10**							**A-01b**
Bromodichloromethane	ND	25	ug/l	50	9K02006	02-Nov-99	02-Nov-99	EPA 8010B	
Bromoform	ND	25	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	25	"	"	"	"	"	"	
Chlorobenzene	ND	25	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**600**	25	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25	"	"	"	"	"	"	
Methylene chloride	**15**	5.0	"	1	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	25	"	50	"	"	"	"	
Tetrachloroethene	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25	"	"	"	"	"	"	
Trichloroethene	**230**	25	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*91.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*77.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-13 (W910410-07) Water Sampled: 20-Oct-99 13:45 Received: 20-Oct-99 16:10									**A-01b**
Bromodichloromethane	ND	25	ug/l	50	9K02006	02-Nov-99	02-Nov-99	EPA 8010B	
Bromoform	ND	25	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	25	"	"	"	"	"	"	
Chlorobenzene	ND	25	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	25	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25	"	"	"	"	"	"	
Methylene chloride	**6.3**	5.0	"	1	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	25	"	50	"	"	"	"	
Tetrachloroethene	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25	"	"	"	"	"	"	
Trichloroethene	ND	25	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*54.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*76.0 %*	*50-150*		"	"	"	"	

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (W910410-08) Water	**Sampled: 20-Oct-99 14:23**	**Received: 20-Oct-99 16:10**							**A-01b**
Bromodichloromethane	ND	25	ug/l	50	9K02006	02-Nov-99	02-Nov-99	EPA 8010B	
Bromoform	ND	25	"	"	"	"	"	"	
Bromomethane	ND	50	"	"	"	"	"	"	
Carbon tetrachloride	ND	25	"	"	"	"	"	"	
Chlorobenzene	ND	25	"	"	"	"	"	"	
Chloroethane	ND	50	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
Chloromethane	ND	50	"	"	"	"	"	"	
Dibromochloromethane	ND	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	25	"	"	"	"	"	"	
1,1-Dichloroethane	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
1,1-Dichloroethene	ND	25	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	25	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	25	"	"	"	"	"	"	
1,2-Dichloropropane	ND	25	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	25	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	25	"	"	"	"	"	"	
Methylene chloride	**8.8**	5.0	"	1	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	25	"	50	"	"	"	"	
Tetrachloroethene	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	25	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	25	"	"	"	"	"	"	
Trichloroethene	ND	25	"	"	"	"	"	"	
Trichlorofluoromethane	ND	25	"	"	"	"	"	"	
Vinyl chloride	ND	50	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*84.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*74.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (W910410-09) Water	**Sampled: 20-Oct-99 15:13**	**Received: 20-Oct-99 16:10**							**A-01b**
Bromodichloromethane	ND	2.5	ug/l	5	9K02006	02-Nov-99	02-Nov-99	EPA 8010B	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	**11**	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**15**	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**4.3**	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	**7.4**	5.0	"	1	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	2.5	"	5	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	**3.8**	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*72.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*66.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Total Metals by EPA 200 Series Methods - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9J28014: Prepared 28-Oct-99 Using 200.7										
Blank (9J28014-BLK1)										
Chromium	ND	0.010	mg/l							
LCS (9J28014-BS1)										
Chromium	1.10	0.010	mg/l	1.00		110	80-120			
LCS Dup (9J28014-BSD1)										
Chromium	1.10	0.010	mg/l	1.00		110	80-120	0	20	
Matrix Spike (9J28014-MS1)					**Source: W910410-01**					
Chromium	1.00	0.010	mg/l	1.00	ND	100	80-120			
Matrix Spike Dup (9J28014-MSD1)					**Source: W910410-01**					
Chromium	1.00	0.010	mg/l	1.00	ND	100	80-120	0	20	

Sequoia Analytical - Walnut Creek

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9J20017: Prepared 21-Oct-99 Using General Preparation										
Blank (9J20017-BLK1)										
Hexavalent Chromium	ND	0.0050	mg/l							
LCS (9J20017-BS1)										
Hexavalent Chromium	0.0500	0.0050	mg/l	0.0500		100	80-120			
Matrix Spike (9J20017-MS1)					**Source: W910410-01**					
Hexavalent Chromium	0.0460	0.0050	mg/l	0.0500	ND	92.0	75-125			
Matrix Spike Dup (9J20017-MSD1)					**Source: W910410-01**					
Hexavalent Chromium	0.0500	0.0050	mg/l	0.0500	ND	100	75-125	8.33	20	

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9K02006: Prepared 02-Nov-99 Using EPA 5030B [P/T]										
Blank (9K02006-BLK1)										
Bromodichloromethane	ND	0.50	ug/l							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	1.0	"							
Dibromochloromethane	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
Tetrachloroethene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
Vinyl chloride	ND	1.0	"							
Surrogate: Dibromodifluoromethane	*10.0*		"	*10.0*		*100*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*8.30*		"	*10.0*		*83.0*	*50-150*			

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1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Volatile Organic Compounds by EPA Method 8010B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9K02006: Prepared 02-Nov-99 Using EPA 5030B [P/T]										
LCS (9K02006-BS1)										
Chlorobenzene	19.0	0.50	ug/l	20.0		95.0	70-130			
1,1-Dichloroethene	23.0	0.50	"	20.0		115	65-135			
Trichloroethene	24.0	0.50	"	20.0		120	70-130			
Surrogate: Dibromodifluoromethane	*9.80*		"	*10.0*		*98.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*9.20*		"	*10.0*		*92.0*	*50-150*			
LCS Dup (9K02006-BSD1)										
Chlorobenzene	18.0	0.50	ug/l	20.0		90.0	70-130	5.41	25	
1,1-Dichloroethene	24.0	0.50	"	20.0		120	65-135	4.26	25	
Trichloroethene	25.0	0.50	"	20.0		125	70-130	4.08	25	
Surrogate: Dibromodifluoromethane	*5.90*		"	*10.0*		*59.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*9.80*		"	*10.0*		*98.0*	*50-150*			

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 15:30

Notes and Definitions

A-01	Methylene Chloride is a suspected laboratory contaminant.
A-01a	The reporting limit for the sample has been raised due to the foamy nature.
A-01b	The reporting limit has been raised due to the foamy nature of the sample.
R-01	The reporting limit for this analyte has been raised to account for 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

Dimple Sharma, Project Manager

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. NA

CHAIN-OF-CUSTODY RECORD

W910410

Project Number/Name RC000304.03 /ECI

Project Location Emeryville CA

Laboratory

Project Manager Steve

Sampler(s)/Affiliation Michael Flaugher /AGM

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	~~8310~~ 8010 (HCL)	Cr+6 3x40ml VOA (ICE)	Cr (Total) 1L Poly (HNO3)	1L Poly			Remarks	Total
MW-1	L	10-20-99 0917		X	X	X	01/A-E				1
MW-9	L	10-20-99 1008		X	X	X	02				1
MW-12	L	10-20-99 1044		X	X	X	03				1
MW-3A	L	10-20-99 1116		X	X	X	04				1
MW-3B	L	10-20-99 1150		X	X	X	05				1
MW-14	L	10-20-99 1254		X	X	X	06				1
MW-13	L	10-20-99 1345		X	X	X	07				1
MW-5	L	10-20-99 1423		X	X	X	08				1
MW-10	L	10-20-99 1513		X	X	X	09				1

LAST LINE (W) 10-20-99

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

Total No. of Bottles/ Containers

Relinquished by: [signature]	Organization: AGM	Date 10/20/99	Time 1532	Seal Intact?
Received by: [signature]	Organization: AGM	Date 10/20/99	Time 1532	Yes No N/A
Relinquished by: [signature]	Organization: AGM	Date 10/20/99	Time 1610	Seal Intact?
Received by: [signature] (WC)	Organization: SEQ-WC	Date 10/20/99	Time 16:10	Yes No N/A

Special Instructions/Remarks:

Delivery Method: ☒ In Person ☐ Common Carrier ______ SPECIFY ☐ Lab Courier ☐ Other ______ SPECIFY

AG 05 0597

Sequoia Analytical

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ARCADIS Geraghty & Miller

4 November, 1999

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

RE: RC000304.03/ECI

Enclosed are the results of analyses for samples received by the laboratory on 21-Oct-99 15:08. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dimple Sharma
Project Manager

Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-18	W910454-01	Water	21-Oct-99 08:04	21-Oct-99 15:08
MW-18A	W910454-02	Water	21-Oct-99 08:43	21-Oct-99 15:08
MW-17	W910454-03	Water	21-Oct-99 09:27	21-Oct-99 15:08
MW-16	W910454-04	Water	21-Oct-99 10:00	21-Oct-99 15:08
MW-6	W910454-05	Water	21-Oct-99 10:50	21-Oct-99 15:08
MW-20	W910454-06	Water	21-Oct-99 11:42	21-Oct-99 15:08
MW-4	W910454-07	Water	21-Oct-99 12:31	21-Oct-99 15:08

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Total Metals by EPA 200 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-18 (W910454-01) Water Sampled: 21-Oct-99 08:04 Received: 21-Oct-99 15:08									
Chromium	7.9	0.010	mg/l	1	9J29010	29-Oct-99	03-Nov-99	EPA 200.7	
MW-18A (W910454-02) Water Sampled: 21-Oct-99 08:43 Received: 21-Oct-99 15:08									
Chromium	ND	0.010	mg/l	1	9J29010	29-Oct-99	03-Nov-99	EPA 200.7	
MW-17 (W910454-03) Water Sampled: 21-Oct-99 09:27 Received: 21-Oct-99 15:08									
Chromium	**90**	0.10	mg/l	10	9J29010	29-Oct-99	03-Nov-99	EPA 200.7	
MW-16 (W910454-04) Water Sampled: 21-Oct-99 10:00 Received: 21-Oct-99 15:08									
Chromium	**86**	0.10	mg/l	10	9J29010	29-Oct-99	03-Nov-99	EPA 200.7	
MW-6 (W910454-05) Water Sampled: 21-Oct-99 10:50 Received: 21-Oct-99 15:08									
Chromium	**8.6**	0.010	mg/l	1	9J29010	29-Oct-99	03-Nov-99	EPA 200.7	
MW-20 (W910454-06) Water Sampled: 21-Oct-99 11:42 Received: 21-Oct-99 15:08									
Chromium	ND	0.010	mg/l	1	9J29010	29-Oct-99	03-Nov-99	EPA 200.7	
MW-4 (W910454-07) Water Sampled: 21-Oct-99 12:31 Received: 21-Oct-99 15:08									
Chromium	**0.028**	0.010	mg/l	1	9J29010	29-Oct-99	03-Nov-99	EPA 200.7	

Dimple Sharma, Project Manager

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-18 (W910454-01) Water Sampled: 21-Oct-99 08:04 Received: 21-Oct-99 15:08									
Hexavalent Chromium	9.4	0.50	mg/l	100	9J25006	22-Oct-99	22-Oct-99	EPA 7196A	
MW-18A (W910454-02) Water Sampled: 21-Oct-99 08:43 Received: 21-Oct-99 15:08									
Hexavalent Chromium	ND	0.0050	mg/l	1	9J25006	22-Oct-99	22-Oct-99	EPA 7196A	
MW-17 (W910454-03) Water Sampled: 21-Oct-99 09:27 Received: 21-Oct-99 15:08									
Hexavalent Chromium	97	10	mg/l	2000	9J25006	22-Oct-99	22-Oct-99	EPA 7196A	
MW-16 (W910454-04) Water Sampled: 21-Oct-99 10:00 Received: 21-Oct-99 15:08									
Hexavalent Chromium	98	10	mg/l	2000	9J25006	22-Oct-99	22-Oct-99	EPA 7196A	
MW-6 (W910454-05) Water Sampled: 21-Oct-99 10:50 Received: 21-Oct-99 15:08									
Hexavalent Chromium	11	0.50	mg/l	100	9J25006	22-Oct-99	22-Oct-99	EPA 7196A	
MW-20 (W910454-06) Water Sampled: 21-Oct-99 11:42 Received: 21-Oct-99 15:08									
Hexavalent Chromium	ND	0.0050	mg/l	1	9J25006	22-Oct-99	22-Oct-99	EPA 7196A	
MW-4 (W910454-07) Water Sampled: 21-Oct-99 12:31 Received: 21-Oct-99 15:08									
Hexavalent Chromium	ND	0.0050	mg/l	1	9J25006	22-Oct-99	22-Oct-99	EPA 7196A	

Dimple Sharma, Project Manager

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-18 (W910454-01) Water Sampled: 21-Oct-99 08:04 Received: 21-Oct-99 15:08									
Bromodichloromethane	ND	2.5	ug/l	5	9K03010	03-Nov-99	03-Nov-99	EPA 8010B	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**13**	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**14**	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	**7.1**	5.0	"	1	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	2.5	"	5	"	"	"	"	
Tetrachloroethene	ND	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	**120**	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*74.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*62.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-18A (W910454-02) Water Sampled: 21-Oct-99 08:43 Received: 21-Oct-99 15:08									
Bromodichloromethane	ND	0.50	ug/l	1	9K03010	03-Nov-99	03-Nov-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	**10**	5.0	"	"	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*70.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*53.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-17 (W910454-03) Water Sampled: 21-Oct-99 09:27 Received: 21-Oct-99 15:08									
Bromodichloromethane	ND	2.5	ug/l	5	9K03010	03-Nov-99	03-Nov-99	EPA 8010B	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	**5.0**	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**16**	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**12**	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	**5.7**	5.0	"	1	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	2.5	"	5	"	"	"	"	
Tetrachloroethene	**4.2**	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	**220**	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	**10**	5.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*67.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*71.0 %*	*50-150*		"	"	"	"	

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-16 (W910454-04) Water	**Sampled: 21-Oct-99 10:00**	**Received: 21-Oct-99 15:08**							
Bromodichloromethane	ND	130	ug/l	250	9K03010	03-Nov-99	03-Nov-99	EPA 8010B	
Bromoform	ND	130	"	"	"	"	"	"	
Bromomethane	ND	250	"	"	"	"	"	"	
Carbon tetrachloride	ND	130	"	"	"	"	"	"	
Chlorobenzene	ND	130	"	"	"	"	"	"	
Chloroethane	ND	250	"	"	"	"	"	"	
Chloroform	ND	130	"	"	"	"	"	"	
Chloromethane	ND	250	"	"	"	"	"	"	
Dibromochloromethane	ND	130	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	130	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	130	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	130	"	"	"	"	"	"	
1,1-Dichloroethane	ND	130	"	"	"	"	"	"	
1,2-Dichloroethane	ND	130	"	"	"	"	"	"	
1,1-Dichloroethene	**1200**	130	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1800**	130	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	130	"	"	"	"	"	"	
1,2-Dichloropropane	ND	130	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	130	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	130	"	"	"	"	"	"	
Methylene chloride	**8.0**	5.0	"	1	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	130	"	250	"	"	"	"	
Tetrachloroethene	ND	130	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	130	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	130	"	"	"	"	"	"	
Trichloroethene	**11000**	130	"	"	"	"	"	"	
Trichlorofluoromethane	ND	130	"	"	"	"	"	"	
Vinyl chloride	**900**	250	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*91.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*79.0 %*	*50-150*		"	"	"	"	

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Sequoia Analytical

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (W910454-05) Water Sampled: 21-Oct-99 10:50 Received: 21-Oct-99 15:08									
Bromodichloromethane	ND	2.5	ug/l	5	9K03010	03-Nov-99	03-Nov-99	EPA 8010B	
Bromoform	ND	2.5	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	2.5	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	2.5	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**15**	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.5	"	"	"	"	"	"	
Methylene chloride	**46**	25	"	"	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	2.5	"	"	"	"	"	"	
Tetrachloroethene	**5.5**	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.5	"	"	"	"	"	"	
Trichloroethene	**110**	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*75.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*64.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Dimple Sharma, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673

Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-20 (W910454-06) Water **Sampled: 21-Oct-99 11:42** **Received: 21-Oct-99 15:08**									
Bromodichloromethane	ND	0.50	ug/l	1	9K03010	03-Nov-99	03-Nov-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	**8.3**	5.0	"	"	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*89.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*71.0 %*	*50-150*		"	"	"	"	

Sequoia Analytical - Walnut Creek

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Volatile Organic Compounds by EPA Method 8010B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (W910454-07) Water Sampled: 21-Oct-99 12:31 Received: 21-Oct-99 15:08									
Bromodichloromethane	ND	0.50	ug/l	1	9K03010	03-Nov-99	03-Nov-99	EPA 8010B	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	**3.7**	1.0	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2-Dichlorobenzene	**1.4**	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	**0.82**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**4.3**	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**3.9**	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	**7.7**	5.0	"	"	"	"	"	"	A-01
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
Vinyl chloride	**21**	1.0	"	"	"	"	"	"	
Surrogate: Dibromodifluoromethane		*65.0 %*	*50-150*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*53.0 %*	*50-150*		"	"	"	"	

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Total Metals by EPA 200 Series Methods - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9J29010: Prepared 29-Oct-99 Using 200.7										
Blank (9J29010-BLK1)										
Chromium	ND	0.010	mg/l							
LCS (9J29010-BS1)										
Chromium	1.00	0.010	mg/l	1.00		100	80-120			
LCS Dup (9J29010-BSD1)										
Chromium	1.00	0.010	mg/l	1.00		100	80-120	0	20	
Matrix Spike (9J29010-MS1)					**Source: W910439-01**					
Chromium	0.990	0.010	mg/l	1.00	0.044	94.6	80-120			
Matrix Spike Dup (9J29010-MSD1)					**Source: W910439-01**					
Chromium	1.00	0.010	mg/l	1.00	0.044	95.6	80-120	1.01	20	

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9J25006: Prepared 22-Oct-99. Using General Preparation										
Blank (9J25006-BLK2)										
Hexavalent Chromium	ND	0.0050	mg/l							
LCS (9J25006-BS2)										
Hexavalent Chromium	0.0470	0.0050	mg/l	0.0500		94.0	80-120			
Matrix Spike (9J25006-MS2)					**Source: W910474-05**					
Hexavalent Chromium	0.0560	0.0050	mg/l	0.0500	ND	112	75-125			
Matrix Spike Dup (9J25006-MSD2)					**Source: W910474-05**					
Hexavalent Chromium	0.0510	0.0050	mg/l	0.0500	ND	102	75-125	9.35	20	

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1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Volatile Organic Compounds by EPA Method 8010B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9K03010: Prepared 03-Nov-99 Using EPA 5030B [P/T]										
Blank (9K03010-BLK1)										
Bromodichloromethane	ND	0.50	ug/l							
Bromoform	ND	0.50	"							
Bromomethane	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	1.0	"							
Dibromochloromethane	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	"							
trans-1,2-Dichloroethene	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Methylene chloride	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
Tetrachloroethene	ND	0.50	"							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
Trichloroethene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
Vinyl chloride	ND	1.0	"							
Surrogate: Dibromodifluoromethane	*8.40*		"	*10.0*		*84.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*5.70*		"	*10.0*		*57.0*	*50-150*			

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1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Volatile Organic Compounds by EPA Method 8010B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9K03010: Prepared 03-Nov-99 Using EPA 5030B [P/T]										
LCS (9K03010-BS1)										
Chlorobenzene	17.0	0.50	ug/l	20.0		85.0	70-130			
1,1-Dichloroethene	23.0	0.50	"	20.0		115	65-135			
Trichloroethene	24.0	0.50	"	20.0		120	70-130			
Surrogate: Dibromodifluoromethane	*9.50*		"	*10.0*		*95.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*7.40*		"	*10.0*		*74.0*	*50-150*			
LCS Dup (9K03010-BSD1)										
Chlorobenzene	19.0	0.50	ug/l	20.0		95.0	70-130	11.1	25	
1,1-Dichloroethene	23.0	0.50	"	20.0		115	65-135	0	25	
Trichloroethene	24.0	0.50	"	20.0		120	70-130	0	25	
Matrix Spike (9K03010-MS1)					**Source: W910454-02**					
Chlorobenzene	17.0	0.50	ug/l	20.0	ND	85.0	60-140			
1,1-Dichloroethene	22.0	0.50	"	20.0	ND	110	60-140			
Trichloroethene	24.0	0.50	"	20.0	ND	120	60-140			
Surrogate: Dibromodifluoromethane	*8.20*		"	*10.0*		*82.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*7.60*		"	*10.0*		*76.0*	*50-150*			
Matrix Spike Dup (9K03010-MSD1)					**Source: W910454-02**					
Chlorobenzene	20.0	0.50	ug/l	20.0	ND	100	60-140	16.2	25	
1,1-Dichloroethene	27.0	0.50	"	20.0	ND	135	60-140	20.4	25	
Trichloroethene	20.0	0.50	"	20.0	ND	100	60-140	18.2	25	
Surrogate: Dibromodifluoromethane	*6.70*		"	*10.0*		*67.0*	*50-150*			
Surrogate: 4-Bromofluorobenzene	*8.70*		"	*10.0*		*87.0*	*50-150*			

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Arcadis-Geraghty & Miller	Project: RC000304.03/ECI	
1050 Marina Way South	Project Number: RC000304.03/ECI	**Reported:**
Richmond CA, 94804	Project Manager: Steve Brussee	04-Nov-99 16:48

Notes and Definitions

A-01	Methylene Chloride is a suspected laboratory contaminant.
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

Dimple Sharma, Project Manager

ARCADIS GERAGHTY & MILLER

Laboratory Task Order No./P.O. No. NA

CHAIN-OF-CUSTODY RECORD

W910454

Project Number/Name RC000304.0003 / ECI - Emeryville

Project Location Emeryville CA

Laboratory Sequoia

Project Manager Steve Grussec

Sampler(s)/Affiliation Michael Flaghr / AGM

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	ANALYSIS / METHOD / SIZE: 8010 (HCL)	Hex Cr 3x40ml (NE)	Total Cr. 1L Poly (HNO3)	1L Poly			Remarks	Total
mw-18	L	10-21-99 0804		x	x	x	01A-E				~~4~~ 5
mw-18A	L	10-21-99 0843		x	x	x	02				4
mw-17	L	10-21-99 0927		x	x	x	03				4
mw-16	L	10-21-99 1000		x	x	x	04				4
mw-6	L	10-21-99 1050		x	x	x	05				4
mw-20	L	10-21-99 1142		x	x	x	06				4
mw-4	L	10-21-99 1231		x	x	x	07				4

LAST LINE MF 10-21-99

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

Total No. of Bottles/ Containers

Relinquished by: Michael Flaghr	Organization: AGM	Date 10/21/99	Time 1508	Seal Intact?
Received by: [signature]	Organization: SEQUOIA-WC	Date 10/21/99	Time 15:08	Yes No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by:	Organization:	Date / /	Time	Yes No N/A

Special Instructions/Remarks:

Delivery Method: ☒ In Person ☐ Common Carrier ______ SPECIFY ☐ Lab Courier ☐ Other ______ SPECIFY

AG 05-0597