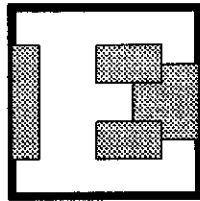


ENVIRONMENTAL  
PROTECTION

97 JUN -4 PM 2:23



**Electro-  
Coatings  
Inc.**

STIP 1682  
Proj# 2777A

Electro-Coatings Inc.  
893 Carleton Street  
Berkeley, CA 94710  
Tel: 510/284-8332  
Fax: 510/284-7068

5/26/97

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

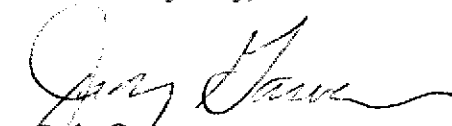
RE: Results of Quarterly Groundwater Sampling at 1401 and 1421 Park Avenue  
April 8, 1997

Dear Susan:

Enclosed is one copy of the subject report which was prepared for Electro-Coatings by Geraghty & Miller Inc. The next quarterly sampling event is scheduled for July 1997.

As you know, the remediation project is on schedule, all 85 injection points were installed and the injections were made in April. The quarterly sampling reported in the attached report took place prior to the injections, but you will note the positive effects of the pilot test in MW10 and MW12.

Yours very truly,

  
Judy Garvens  
Administrative Manager

cc: Mr. Sum Arigala, RWQCB

April 24, 1997  
Project No. RC0310.002

Ms. Judy Garvens  
Administrative Manager  
Electro-Coatings Inc.  
893 Carleton Street  
Berkeley, California 94710

**SUBJECT: Quarterly Groundwater Sampling Results, 1401 and 1421 Park Avenue, Emeryville, California.**

Dear Ms. Garvens:

This letter presents the results of the quarterly groundwater sampling activities performed on behalf of Electro-Coatings, Inc. (ECI) at the site referenced above. The scope of work for the quarterly sampling was presented in the Geraghty & Miller letter dated November 13, 1996.

#### **FIELD ACTIVITIES AND LABORATORY ANALYSIS**

Monitoring Wells MW-3A, MW-9, MW-11, MW-12, MW-13, and MW-20 were sampled on April 7, 1997 and Monitoring Wells MW-1, MW-4, MW-6, MW-10, MW-14, MW-16, and MW-17 were sampled on April 8, 1997 as part of the quarterly groundwater monitoring program. Prior to purging, depth to water and total well depth measurements were obtained from each well. The wells were then purged of at least three casing volumes of water. The well purging was accomplished using an aboveground diaphragm pump. New polyethylene tubing was used for each well. The purged water was monitored for temperature, pH, and specific conductance. A summary of the field data is presented in Table 1. Depth-to-water and groundwater elevation data are presented in Table 2.

Following purging, groundwater samples were collected using a new polyethylene bailer for each well. The water samples were collected into the appropriate USEPA-approved containers, placed on ice, and transported to Sequoia Analytical Laboratory in Walnut Creek, California, along with chain-of-custody documentation.



## RESULTS

### Depth to Water and Groundwater Elevations

Depth to water ranged from 2.63 feet below ground surface (Well MW-20) to 6.92 feet below ground surface (Well MW-13). A summary of depth to water and groundwater elevations is presented in Table 2. The groundwater elevations and a groundwater contour map are presented in Figure 1. Based on the depth to water data recorded on April 7 1997, the direction of groundwater flow is toward the west, which is consistent with the previous sampling event (Geraghty & Miller, December 10, 1996).

### Laboratory Analytical Results

#### Chromium Results

The historical and current analytical results for total and hexavalent chromium are summarized in Table 3 and the current results are presented in Figure 2. The overall pattern is consistent with previous sampling events. The highest concentrations of both total and hexavalent chromium were detected in Monitoring Wells MW-13 and MW-17, respectively. Decreasing concentrations were detected with increased distance downgradient of the site in Wells MW-6 and MW-16. Hexavalent chromium was not detected in the water samples collected from the deep wells (MW-3A and MW-20) sampled during this quarterly event, while total chromium was detected at 14 and 55 micrograms per liter ( $\mu\text{g}/\text{L}$ ), respectively.

The chromium and hexavalent chromium results for Monitoring Well MW-10 are likely to reflect the continued influence of the pilot test that was performed during 1995 and 1996. Prior to the April 8, 1997 sampling, Well MW-10 was last sampled as part of the quarterly monitoring program in April 1995. At that time the concentrations of chromium and hexavalent chromium were 170,000  $\mu\text{g}/\text{L}$  and 160,000  $\mu\text{g}/\text{L}$ , respectively. In the April 1997 sampling the concentrations of chromium and hexavalent chromium were 6,500  $\mu\text{g}/\text{L}$  and ND ( $<5.0 \mu\text{g}/\text{L}$ ), respectively. This decrease of approximately three orders of magnitude is likely the result of the pilot test that was performed at the site during August 1995 through May 1996. As part of the pilot test, inoculated molasses solution was injected into the groundwater through an injection point that was installed approximately 10 feet upgradient of MW-10. Water samples were collected for analysis from Well MW-10 during the pilot test and revealed an order of magnitude decrease in chromium concentrations and a decrease to below detection levels for hexavalent chromium. The figure presented in Attachment 2 summarizes the groundwater analytical results for chromium, hexavalent chromium and trichloroethylene (TCE) collected during the pilot study. For a detailed discussion of the



procedures and results of the pilot test, see the Geraghty & Miller report dated October 9, 1996.

#### **Purgeable Halocarbon Results**

The historical and current analytical results for purgeable halocarbons are summarized in Table 4. Figure 3 presents the concentrations of TCE and tetrachloroethylene (PCE) detected during the April 1997 sampling event. TCE and cis-1,2-DCE were the most frequently detected halocarbons. TCE was the most frequently detected compound, and it was detected at the highest concentrations. The highest concentrations of TCE were detected in Monitoring Well MW-14, to the west of the site.

The results for MW-10 may be influenced by the pilot test that was performed during 1995 and 1996. As discussed above, MW-10 was sampled in April 1997 for the first time as part of the quarterly sampling program since April 1995. The concentration of TCE detected during the April 1995 sampling event was 10,000 µg/L, whereas the concentration detected during the April 1997 event was 660 µg/L. The decrease of approximately two orders of magnitude in the concentration is likely the result of the pilot test. During the pilot test, the concentration of TCE dropped to as low as 450 µg/L in October 1995 (Attachment 2).

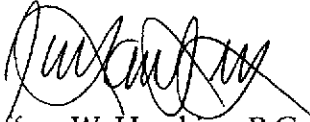
#### **GROUNDWATER REMEDIATION PROGRAM**

A groundwater remediation program was initiated at the site during April 1997. A work plan was submitted to the Regional Water Quality Control Board and the Alameda County Department of Environmental Health prior to implementing the program. A description of the remediation program is in the Geraghty & Miller workplan dated March 17, 1997.

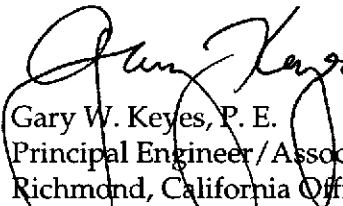


Geraghty & Miller appreciates the opportunity to be of service. If you have any questions regarding this report, please do not hesitate to call.

Sincerely,  
GERAGHTY & MILLER, INC.



Jeffrey W. Hawkins, R.G.  
Senior Geologist



Gary W. Keyes, P. E.  
Principal Engineer / Associate  
Richmond, California Office Manager

- |                      |   |
|----------------------|---|
| Attachments: Table 1 | Summary of Field Data   |
| Table 2              | Summary of Groundwater Elevation Data   |
| Table 3              | Summary of Groundwater Analytical Data – Total and Hexavalent Chromium              |
| Table 4              | Summary of Groundwater Analytical Data – Purgeable Halocarbons                      |
| Figure 1             | Groundwater Contour Map   |
| Figure 2             | Groundwater Analytical Results, April 1997 – Total Chromium and Hexavalent Chromium |
| Figure 3             | Groundwater Analytical Results, April 1997 – TCE and PCE                            |
| Attachment 1         | Copies of Laboratory Analytical Reports and Chain-of-Custody Documentation          |
| Attachment 2         | Figure 1, Pilot Study Results   |



**Table 1: Summary of Field Sampling Data**

Electro-Coatings, Inc.

1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Calculated Purge Volume (a) (gallons)	Actual Purge Volume (gallons)	-----Field Measurements-----			Depth to Water (feet)	Measured Depth of Well (feet)	Casing Diameter (inches)
				pH	SC (µmhos/cm)	Temperature (°F)			
MW-6	19-Sep-95	3	5	7.0	1,482	70.3	3.72	16.24	1.5
	14-Dec-95	2.27	3	6.5	3,650	67.6	3.01	11.69	
	6-Mar-96	2.56	3	6.0	3,750	71.5	3.31	11.69	
	11-Jun-96	1.97	2	6.5	1,900	72.7	5.34	11.71	
	12-Sep-96	3.84	4	7.3	1,550	71.3	3.60	16.09	
	10-Dec-96	4.05	6.5	6.5	3,780	66.9	3.19	16.35	
	8-Apr-97	2.87	3	6.0	1,530	62.8	3.64	16.09	
MW-9	13-Sep-96	40	40	7.0	700	64.3	6.71	21.98	4
	10-Dec-96	NM	NM	NM	NM	NM	NM	NM	
	7-Apr-97	29.40	30	6.0	1,020	65	6.90	21.98	
MW-11	12-Sep-96	122	125	6.3	650	65.2	6.40	27.30	6
	10-Dec-96	NM	NM	NM	NM	NM	NM	NM	
	7-Apr-97	90.84	90	6.0	810	62.2	6.56	27.30	
MW-12	19-Sep-95	39	40	6.2	2,320	71.1	6.61	26.56	4
	14-Dec-95	56.10	60	6.0	2,180	69.1	5.12	26.70	
	6-Mar-96	54.70	55	6.0	2,570	71.9	5.61	26.65	
	12-Jun-96	52.75	55	6.0	1,200	65.5	6.46	26.75	
	12-Sep-96	51.92	55	6.4	980	65.7	6.53	26.50	
	10-Dec-96	54.75	55	6.0	2,820	71.3	5.76	26.82	
	7-Apr-97	38.66	40	6.0	1,160	61.7	6.67	26.50	



**Table 1: Summary of Field Sampling Data**

Electro-Coatings, Inc.

1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Calculated Purge Volume (a) (gallons)	Actual Purge Volume (gallons)	-----Field Measurements-----			Depth to Water (feet)	Measured Depth of Well (feet)	Casing Diameter (inches)
				pH	SC (µmhos/cm)	Temperature (°F)			
MW-13	19-Sep-95	36	35	6.4	2,610	69.6	6.94	15.00	6
	15-Dec-95	55.88	25 (b)	6.0	2,990	68.6	5.45	15.02	
	6-Mar-96	51.01	30 (b)	6.0	2,120	71.4	5.94	15.05	
	11-Jun-96	48.53	30 (b)	6.0	1,500	74.0	6.75	15.06	
	13-Sep-96	46.89	45	6.0	980	65.7	6.80	14.83	
	10-Dec-96	52.85	55	6.0	2,570	69.1	6.02	15.07	
	7-Apr-97	34.64	35	6.0	1,290	62.9	6.92	14.83	
MW-14	12-Sep-96	48	15 (b)	6.0	820	65.8	6.74	25.25	4
	10-Dec-96	NM	NM	NM	NM	NM	NM	NM	
	8-Apr-97	35.88	16	6.0	540	64.2	6.85	25.25	
MW-16	19-Sep-95	40	40	6.7	1,710	32.0	4.64	25.00	4
	14-Dec-95	54.00	55	6.5	2,750	64.4	4.28	25.05	
	6-Mar-96	54.70	55	6.0	1,800	59.8	4.01	25.05	
	11-Jun-96	53.37	55	6.0	1,370	77.5	4.50	25.03	
	12-Sep-96	52.67	55	7.2	980	68.9	4.55	24.81	
	10-Dec-96	54.39	55	6.5	2,730	67.1	3.98	24.90	
	8-Apr-97	39.46	40	6.0	110	58.9	4.57	24.81	



**Table 1: Summary of Field Sampling Data**

Electro-Coatings, Inc.

1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Calculated Purge Volume (a) (gallons)	Actual Purge Volume (gallons)	-----Field Measurements-----			Depth to Water (feet)	Measured Depth of Well (feet)	Casing Diameter (inches)
				pH	SC (µmhos/cm)	Temperature (°F)			
MW-17	19-Sep-95	39	40	6.8	2,410	72.1	4.78	24.50	4
	14-Dec-95	55.25	20 (b)	6.0	3,140	65.3	3.31	24.56	
	6-Mar-96	54.10	26 (b)	7.0	2,630	61.1	3.75	24.56	
	11-Jun-96	52.00	30 (b)	6.0	1,600	65.8	4.55	24.56	
	12-Sep-96	51.29	40	7.1	1,270	70.1	4.61	24.34	
	10-Dec-96	54.00	55	6.5	2,000	69.4	3.89	24.66	
	8-Apr-97	38.27	25	6.0	1,370	60.6	4.71	24.34	
MW-18	19-Sep-95	40	20 (b)	4.1	1,920	73.6	5.00	25.34	4
	14-Dec-95	56.86	57	5.0	3,140	69.2	3.48	25.35	
	6-Mar-96	55.69	55	5.0	2,480	69.0	3.96	25.38	
	11-Jun-96	53.56	55	5.0	1,280	64.8	4.86	25.46	
	12-Sep-96	NM	NM	NM	NM	NM	NM	NM	
	10-Dec-96	NM	NM	NM	NM	NM	NM	NM	
	7-Apr-97	NM	NM	NM	NM	NM	NM	NM	
MW-18A	19-Sep-95	68	20 (c)	6.0	920	72.1	5.76	40.72	4
	15-Dec-95	91.31	40 (b)	6.5	1,960	64.9	5.66	40.72	
	6-Mar-96	96.17	80	6.0	810	67.8	3.86	40.85	
	11-Jun-96	93.47	95	6.0	680	65.2	4.85	40.80	
	12-Sep-96	NM	NM	NM	NM	NM	NM	NM	
	10-Dec-96	NM	NM	NM	NM	NM	NM	NM	
	7-Apr-97	NM	NM	NM	NM	NM	NM	NM	





**Table 1: Summary of Field Sampling Data**

Electro-Coatings, Inc.

1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Calculated Purge Volume (a) (gallons)	Actual Purge Volume (gallons)	-----Field Measurements-----			Depth to Water (feet)	Measured Depth of Well (feet)	Casing Diameter (inches)	
				pH	SC (µmhos/cm)	Temperature (°F)				
MW-20	19-Sep-95	89	90	6.9	2,530	68.4	2.47	47.97	4	
	15-Dec-95	116.87	120	7.0	2,560	70.6	2.95	47.90		
	6-Mar-96	121.44	125	6.0	950	69.9	1.43	48.14		
	11-Jun-96	119.15	120	6.0	780	68.5	2.29	48.12		
	12-Sep-96	117.05	120	6.8	450	68.9	2.90	47.92		
	10-Dec-96	NM	NM	NM	NM	NM	NM	NM	NM	
	7-Apr-97	188.31	90	6.0	750	64.9	2.63	47.92		

(a) Based on three casing volumes.

(b) Purged dry.

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

SC = Specific Conductance

NM = Not measured



**Table 2: Summary of Groundwater Elevation Data**

Electro-Coatings Inc.

1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Depth-to-Water (feet)	Top of Casing (feet - MSL)	Groundwater Elevation (feet - MSL)
MW-1	19-Apr-95	Not Located		--
	19-Sep-95	NM	15.19	--
	14-Dec-95	NM		--
	6-Mar-96	NM		--
	11-Jun-96	NM		--
	12-Sep-96	6.15		9.04
	9-Dec-96	NM		--
	7-Apr-97	5.87		9.32
MW-2	19-Apr-95	Not Located		--
	19-Sep-95	NM		--
	14-Dec-95	NM		--
	6-Mar-96	NM		--
	11-Jun-96	NM		--
	12-Sep-96	NM		--
	9-Dec-96	NM		--
	7-Apr-97	NM		--
MW-3A	19-Apr-95	4.87	16.1	11.23
	19-Sep-95	5.70		10.40
	14-Dec-95	5.00		11.10
	6-Mar-96	4.73		11.37
	11-Jun-96	5.28		10.82
	12-Sep-96	5.47		10.63
	9-Dec-96	5.61		10.49
	7-Apr-97	5.05		11.05
MW-3B	19-Apr-95	6.76	16.3	9.54
	19-Sep-95	NM		--
	14-Dec-95	NM		--
	6-Mar-96	NM		--
	11-Jun-96	NM		--
	12-Sep-96	NM		--
	9-Dec-96	NM		--
	7-Apr-97	NM		--



**Table 2: Summary of Groundwater Elevation Data**  
 Electro-Coatings Inc.  
 1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Depth-to-Water (feet)	Top of Casing (feet - MSL)	Groundwater Elevation (feet - MSL)
MW-7	19-Apr-95	Not Located		--
	19-Sep-95	Not Located		--
	14-Dec-95	Not Located		--
	6-Mar-96	Not Located		--
	11-Jun-96	Not Located		--
	12-Sep-96	Not Located		--
	9-Dec-96	Not Located		--
	7-Apr-97	Not Located		--
MW-8	19-Apr-95	5.50	16.42	10.92
	19-Sep-95	NM		--
	14-Dec-95	NM		--
	6-Mar-96	NM		--
	11-Jun-96	NM		--
	12-Sep-96	NM		--
	9-Dec-96	NM		--
	7-Apr-97	NM		--
MW-9	19-Apr-95	6.67	16.03	9.36
	19-Sep-95	NM		--
	14-Dec-95	NM		--
	6-Mar-96	NM		--
	11-Jun-96	NM		--
	12-Sep-96	6.71		9.32
	9-Dec-96	NM		--
	7-Apr-97	6.90		9.13
MW-10	19-Apr-95	6.94	15.1	8.16
	19-Sep-95	NM		--
	14-Dec-95	NM		--
	6-Mar-96	NM		--
	11-Jun-96	NM		--
	12-Sep-96	NM		--
	9-Dec-96	NM		--
	7-Apr-97	NM		--



**Table 2: Summary of Groundwater Elevation Data**

Electro-Coatings Inc.

1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Depth-to-Water (feet)	Top of Casing (feet - MSL)	Groundwater Elevation (feet - MSL)
MW-11	19-Apr-95	6.38	15.94	9.56
	19-Sep-95	NM		--
	14-Dec-95	NM		--
	6-Mar-96	NM		--
	11-Jun-96	NM		--
	12-Sep-96	6.40		9.54
	9-Dec-96	NM		--
	7-Apr-97	6.56		9.38
MW-12	19-Apr-95	6.52	16.04	9.52
	19-Sep-95	6.61		9.43
	14-Dec-95	5.12		10.92
	6-Mar-96	5.61		10.43
	11-Jun-96	6.46		9.58
	12-Sep-96	6.53		9.51
	9-Dec-96	5.76		10.28
	7-Apr-97	6.67		9.37
MW-13	19-Apr-95	6.75	15.37	8.62
	19-Sep-95	6.94		8.43
	14-Dec-95	5.45		9.92
	6-Mar-96	5.94		9.43
	11-Jun-96	6.75		8.62
	12-Sep-96	6.80		8.57
	9-Dec-96	6.02		9.35
	7-Apr-97	6.92		8.45
MW-14	19-Apr-95	6.71	15.49	8.78
	19-Sep-95	NM		--
	14-Dec-95	NM		--
	6-Mar-96	NM		--
	11-Jun-96	NM		--
	12-Sep-96	6.74		8.75
	9-Dec-96	NM		--
	7-Apr-97	6.85		8.64



**Table 2: Summary of Groundwater Elevation Data**  
 Electro-Coatings Inc.  
 1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Depth-to-Water (feet)	Top of Casing (feet - MSL)	Groundwater Elevation (feet - MSL)
MW-18A	19-Apr-95	4.67	13.36	8.69
	19-Sep-95	5.76		7.60
	14-Dec-95	5.60		7.76
	6-Mar-96	3.86		9.50
	11-Jun-96	4.85		8.51
	12-Sep-96	NM		--
	9-Dec-96	NM		--
	7-Apr-97	NM		--
MW-19	19-Apr-95	Not Located		--
	19-Sep-95	Not Located		--
	14-Dec-95	Not Located		--
	6-Mar-96	Not Located		--
	11-Jun-96	Not Located		--
	12-Sep-96	Not Located		--
	9-Dec-96	Not Located		--
	7-Apr-97	Not Located		--
MW-20	19-Apr-95	2.78	14.93	12.15
	19-Sep-95	2.47		12.46
	14-Dec-95	2.95		11.98
	6-Mar-96	1.43		13.50
	11-Jun-96	2.29		12.64
	12-Sep-96	2.90		12.03
	9-Dec-96	NM		--
	7-Apr-97	2.63		12.30
MW-21	19-Apr-95	Not Located		--
	19-Sep-95	Not Located		--
	14-Dec-95	Not Located		--
	6-Mar-96	Not Located		--
	11-Jun-96	Not Located		--
	12-Sep-96	Not Located		--
	9-Dec-96	Not Located		--
	7-Apr-97	Not Located		--

NM = Not Measured as part of the quarterly sampling program.



**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**  
Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
MW-1	Aug-77	200	NA
	Sep-81	ND(<1)	NA
	Oct-81	1	NA
	Nov-81	2.5	NA
	Dec-81	32	NA
	Feb-85	ND(<20)	ND(<20)
	Oct-91	ND(<50)	50
	20-Apr-95	Not Located	
	19-Sep-95	NS	NS
	15-Dec-95	NS	NS
	8-Mar-96	NS	NS
	11-Jun-96	NS	NS
	13-Sep-96	330	ND(<5.0)
	11-Dec-96	NS	NS
	8-Apr-97	320	ND(<5.0)
MW-2	Aug-77	60	NA
	Sep-81	ND(<1)	NA
	Oct-81	4	NA
	Nov-81	1.1	NA
	Dec-81	2	NA
	20-Apr-95	Not Located	
	19-Sep-95	NS	NS
	15-Dec-95	NS	NS
	8-Mar-96	NS	NS
	11-Jun-96	NS	NS
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	7-Apr-97	NS	NS



**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**

Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
<b>MW-3A</b>	Aug-77	50	NA
	Sep-81	ND (<1)	NA
	Oct-81	ND (<1)	NA
	Nov-81	230	NA
	Dec-81	14	NA
	Feb-85	770	80
	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)
	<b>7-Apr-97</b>	<b>14</b>	<b>ND (&lt;5.0)</b>
<b>MW-3B</b> (c)	Aug-77	60	NA
	Sep-81	ND (<1)	NA
	Oct-81	480	NA
	Nov-81	2,000	NA
	Dec-81	190	NA
	Feb-85	NA	NA
	Oct-91	110,000	100,000
	20-Apr-95	8,000	7,600
	19-Sep-95	NS	NS
	15-Dec-95	NS	NS
	8-Mar-96	NS	NS
	11-Jun-96	NS	NS
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	<b>7-Apr-97</b>	<b>NS</b>	<b>NS</b>



**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**

Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
MW-3C	Aug-77	18,000	NA
	Sep-81	30,000	NA
	Oct-81	28,000	NA
	Nov-81	22,000	NA
	Dec-81	17,000	NA
	Feb-85	7,250	6,300
	Oct-91	2,300	1,600
	20-Apr-95	1,400	ND (<5.0)
	19-Sep-95	NS	NS
	15-Dec-95	NS	NS
	8-Mar-96	NS	NS
	11-Jun-96	NS	NS
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	7-Apr-97	NS	NS
MW-4	Aug-77	90,000	67,000
	Sep-81	57,000	NA
	Oct-81	61,000	NA
	Nov-81	56,000	NA
	Dec-81	55,000	NA
	Feb-85	59,000	59,000
	Jun-91	17,000	17,800
	Oct-91	22,000	22,000
	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





**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**  
Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
<b>MW-5</b>	Aug-77	360,000	295,000
	Sep-81	NA	NA
	Oct-81	880,000	2,240
	Nov-81	610,000	NA
	Dec-81	280,000	NA
	Feb-85	480,000	480,000
	Jun-91	390,000	NA
	Oct-91	260,000	250,000
	Jul-94	NA	454,000
	21-Apr-95	140,000	160,000
	19-Sep-95	NS	NS
	15-Dec-95	NS	NS
	8-Mar-96	NS	NS
	11-Jun-96	NS	NS
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	7-Apr-97	NS	NS
<b>MW-6</b>	Sep-81	630	NA
	Oct-81	80	NA
	Nov-81	790	NA
	Dec-81	630	NA
	Feb-85	3,330	3,300
	Jun-91	NA	NA
	Oct-91	31,000	25,000
	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



**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**  
Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
<b>MW-10</b> (c)	Jan-81	17,000	14,000
	Sep-81	NA	NA
	Oct-81	NA	NA
	Nov-81	NA	NA
	Dec-81	NA	NA
	Feb-85	746,000	740,000
	Jun-91	NA	NA
	Oct-91	490,000	450,000
	21-Apr-95	160,000	170,000
	19-Sep-95	NS	NS
	15-Dec-09	NS	NS
	8-Mar-96	NS	NS
	11-Jun-96	NS	NS
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	8-Apr-97	6,500	ND(<5.0)
<b>MW-11</b> (c)	Jan-81	129,000	115,000
	Jul-81	340	34
	Sep-81	NA	NA
	Oct-81	NA	NA
	Nov-81	NA	NA
	Dec-81	NA	NA
	Feb-85	2,440	2,410
	Jun-91	NA	NA
	Oct-91	470	410
	20-Apr-95	420	950
	19-Sep-95	NS	NS
	15-Dec-95	NS	NS
	8-Mar-96	NS	NS
	11-Jun-96	NS	NS
	13-Sep-96	170	6.0
	11-Dec-96	NS	NS
7-Apr-97	630	ND(<5.0)	



**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**  
Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
<b>MW-12</b> (c)	Jan-81	32,000	12,000
	Jul-81	NA	NA
	Sep-81	NA	NA
	Oct-81	NA	NA
	Nov-81	NA	NA
	Dec-81	NA	NA
	Feb-85	240,000	240,000
	Jun-91	38,000	29,700
	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
	8-Mar-96	NS	NS
	11-Jun-96	130	16
	13-Sep-96	260	ND(<5.0)
	11-Dec-96	1,100 (d)	1,400
	<b>7-Apr-97</b>	<b>2,000</b>	<b>690</b>
<b>MW-13</b>	Jan-81	381,000	325,000
	Jul-81	NA	NA
	Sep-81	NA	NA
	Oct-81	NA	NA
	Nov-81	NA	NA
	Dec-81	NA	NA
	Feb-85	676,000	676,000
	Jun-91	NA	NA
	Oct-91	510,000	430,000
	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
<b>7-Apr-97</b>	<b>150,000</b>	<b>160,000</b>	



**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**  
Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
MW-14	Feb-85	654,000	632,000
	Jun-91	NA	
	Oct-91	320,000	310,000
	Jul-94	NA	
	21-Apr-95	130,000	140,000
	19-Sep-95	NS	NS
	15-Dec-95	NS	NS
	8-Mar-96	NS	NS
	11-Jun-96	NS	NS
	13-Sep-96	100,000	9,700
	11-Dec-96	NS	NS
	<b>8-Apr-97</b>	<b>93,000</b>	<b>100,000</b>
	MW-15	Feb-85	ND (<20)
Jun-91		30	NA
Oct-91		ND (<50)	ND (<10)
Jul-94		NA	ND (<10)
21-Apr-95		ND (<10)	ND (<5.0)
19-Sep-95		NS	NS
15-Dec-95		NS	NS
8-Mar-96		NS	NS
11-Jun-96		NS	NS
13-Sep-96		NS	NS
11-Dec-96		NS	NS
<b>7-Apr-97</b>		<b>NS</b>	<b>NS</b>
MW-16 (c)		Feb-85	460,000
	Jun-91	NA	NA
	Oct-91	240,000	290,000
	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
	<b>8-Apr-97</b>	<b>57,000</b>	<b>64,000</b>



**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**  
Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
<b>MW-17</b>	Feb-85	90,000	38,200
	Jun-91	NA	NA
	Oct-91	250,000	300,000
	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
	<b>8-Apr-97</b>	<b>160,000</b>	<b>160,000</b>
<b>MW-18</b>	Feb-85	60,500	55,000
	Jun-91	NA	NA
	Oct-91	31,000	24,000
	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
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	<b>7-Apr-97</b>	<b>NS</b>	<b>NS</b>
<b>MW-18A</b>	Jun-83	20	ND (<20)
	Feb-85	ND (<20)	ND (<20)
	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)
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	<b>7-Apr-97</b>	<b>NS</b>	<b>NS</b>



**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**

Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
<b>MW-19</b>	Jun-83	NA (<20)	NA (<20)
	Feb-85	20	20
	Oct-91	NA	NA
	20-Apr-95	Not Located	
	19-Sep-95	Not Located	
	15-Dec-95	Not Located	
	8-Mar-96	Not Located	
	11-Jun-96	Not Located	
	13-Sep-96	Not Located	
	11-Dec-96	Not Located	
	<b>7-Apr-97</b>	<b>Not Located</b>	
<b>MW-20</b>	Jun-83	1,300	1,200
	Aug-83	90	40
	Feb-85	ND (<20)	ND (<20)
	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)
	11-Dec-96	NS	NS
<b>7-Apr-97</b>	<b>55</b>	<b>ND(&lt;5.0)</b>	
<b>MW-21</b>	Jun-83	20	ND (<20)
	Feb-85	40	ND (<20)
	20-Apr-95	Not Located	
	19-Sep-95	Not Located	
	15-Dec-95	Not Located	
	8-Mar-96	Not Located	
	11-Jun-96	Not Located	
	13-Sep-96	Not Located	
	11-Dec-96	Not Located	
<b>7-Apr-97</b>	<b>Not Located</b>		

Notes appear on the following page.



**Table 3: Summary of Groundwater Analytical Data  
Total and Hexavalent Chromium**

Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
(a)	Analysis by USEPA Method 200.7.		
(b)	Analysis by USEPA Method 7196.		
(c)	Denotes well that was part of the pilot study performed during August 1995 through February 1996.		
(d)	Laboratory indicates results are questionable due to samples being marked preserved which were not.		
NA	Not Analyzed		
NS	Not Sampled as part of the quarterly monitoring program.		
ND()	Not detected; laboratory method detection limit in parentheses.		
µg/L	Micrograms per liter.		



**Table 4: Summary of Groundwater Analytical Data - Purgeable Halocarbons**  
 Electro-Coatings Inc.  
 1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	TCE (µg/L) (a)	PCE (µg/L) (a)	TCA (µg/L) (a)	1,1-DCE (µg/L) (a)	trans 1,2-DCE (µg/L) (a)	cis 1,2-DCE (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chlorobenzene (µg/L) (a)	1,2-dichlorobenzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)	
MW-1	21-Mar-85	33	21	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)	
	15-Nov-91	11	0.6	ND (<0.5)	0.5	4.8	NR	1.6	NR	NR	NR	ND (<1)	
	20-Apr-95	Not Located	---	---	---	---	---	---	---	---	---	---	
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program											
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program											
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program											
	13-Sep-96	14	ND(<0.50)	ND(<0.50)	0.63	ND(<0.50)	1.9	ND(<0.50)	0.78	ND(<0.50)	ND(<0.50)	ND(<1.0)	
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
8-Apr-97	13	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	1.2	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<0.50)	ND(<1.0)		
MW-2	15-Nov-91	Not Sampled	---	---	---	---	---	---	---	---	---	---	
	20-Apr-95	Not Located	---	---	---	---	---	---	---	---	---	---	
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program											
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program											
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program											
	13-Sep-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
7-Apr-97	Not Sampled as Part of Quarterly Monitoring Program												
MW-3A	29-Oct-91	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<1)	
	20-Apr-95	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND(<1.0)	
	19-Sep-95	0.56	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND(<1.0)	
	14-Dec-95	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)	ND (<0.50)	ND(<1.0)	
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Jun-96	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)	ND (<0.50)	ND(<1.0)	
	13-Sep-96	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)	ND (<0.50)	ND(<1.0)	
	11-Dec-96	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)	ND (<0.50)	ND(<1.0)	
7-Apr-97	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)	ND (<0.50)	ND(<1.0)		





**Table 4: Summary of Groundwater Analytical Data - Purgeable Halocarbons**  
 Electro-Coatings Inc.  
 1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	TCE (µg/L) (a)	PCE (µg/L) (a)	TCA (µg/L) (a)	1,1-DCE (µg/L) (a)	trans 1,2-DCE (µg/L) (a)	cis 1,2-DCE (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chlorobenzene (µg/L) (a)	1,2-dichlorobenzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)
<b>MW-3B</b> (b)	29-Oct-91	650	6.8	ND (<0.5)	13	45	NR	1.2	NR	NR	NR	6.4
	20-Apr-95	260	ND (<10)	ND (<10)	ND (<10)	23	17	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program										
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program										
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program										
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program										
	13-Sep-96	Not Sampled as Part of Quarterly Monitoring Program										
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program										
7-Apr-97	Not Sampled as Part of Quarterly Monitoring Program											
<b>MW-3C</b>	11-Jun-85	150	1.7	2.4	ND (<0.5)	23	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)
	21-Oct-91	180	1.7	34	61	26	NR	5.4	NR	NR	NR	18
	20-Apr-95	30	ND (<0.5)	0.66	1.6	ND (<0.5)	11	2.0	ND (<0.5)	ND (<0.5)	ND (<0.5)	2.2
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program										
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program										
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program										
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program										
	13-Sep-96	Not Sampled as Part of Quarterly Monitoring Program										
11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
7-Apr-97	Not Sampled as Part of Quarterly Monitoring Program											
<b>MW-4</b>	4-Nov-91	2,100	31	ND (<5)	ND (<5)	269	NR	ND (<5)	NR	NR	NR	10
	28-Jul-94	6,500	NA	NA	NA	NA	NR	NA	NR	NR	NR	NA
	21-Apr-95	4,400	ND (<50)	ND (<50)	ND (<50)	ND (<50)	430	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)
	19-Sep-95	3,500	65	ND (<50)	ND (<50)	92	590	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)
	15-Dec-95	2,900	27	ND (<10)	ND (<10)	44	330	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)
	8-Mar-96	3,100	84	ND (<50)	ND (<50)	ND (<50)	360	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)
	11-Jun-96	3,100	ND (<100)	ND (<100)	ND (<100)	ND (<100)	280	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<200)
	13-Sep-96	1,800	63	ND (<50)	ND (<50)	58	410	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)
	11-Dec-96	1,600	ND (<50)	ND (<50)	ND (<50)	ND (<50)	260	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)
8-Apr-97	4,000	ND (<50)	ND (<50)	ND (<50)	ND (<50)	410	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)	



**Table 4: Summary of Groundwater Analytical Data - Purgeable Halocarbons**

Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	TCE (µg/L) (a)	PCE (µg/L) (a)	TCA (µg/L) (a)	1,1-DCE (µg/L) (a)	trans 1,2-DCE (µg/L) (a)	cis 1,2-DCE (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chlorobenzene (µg/L) (a)	1,2-dichlorobenzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)
MW-5	4-Nov-91	410	8.9	1.3	4.2	120	NR	42				54
	21-Apr-95	210	10	ND (<5)	ND (<5)	13	31	13	ND (<5)	ND (<5)	ND (<5)	ND (<10)
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program										
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program										
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program										
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program										
	13-Sep-96	Not Sampled as Part of Quarterly Monitoring Program										
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program										
7-Apr-97	Not Sampled as Part of Quarterly Monitoring Program											
MW-6	11-Jun-85	220	ND (<0.5)	3.9	ND (<5)	54	NR	ND (<5)	NR	NR	NR	ND (<5)
	5-Nov-91	420	5.9	6.4	29	78	NR	ND (<0.5)	NR	NR	NR	19
	28-Jul-94	790	NA	NA	NA	NA	NR	NA	NR	NR	NR	NA
	20-Apr-95	320	ND (<10)	ND (<10)	34	ND (<10)	55	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)
	19-Sep-95	210	6.4	ND (<5)	46	12	48	ND (<5)	ND (<5)	5.1	ND (<5)	13
	14-Dec-95	400	ND (<10)	ND (<10)	74	ND (<10)	53	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)
	8-Mar-96	290	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)
	11-Jun-96	300	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)
	13-Sep-96	480	ND (<50)	ND (<50)	64	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)
	11-Dec-96	360	ND (<50)	ND (<50)	59	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)
8-Apr-97	420	ND (<50)	ND (<50)	73	ND (<50)	52	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)	
MW-7	20-Apr-95	Not Located	---	---	---	---	---	---	---	---	---	---
	19-Sep-95	Not Located	---	---	---	---	---	---	---	---	---	---
	15-Dec-95	Not Located	---	---	---	---	---	---	---	---	---	---
	8-Mar-96	Not Located	---	---	---	---	---	---	---	---	---	---
	11-Jun-96	Not Located	---	---	---	---	---	---	---	---	---	---
	13-Sep-96	Not Located	---	---	---	---	---	---	---	---	---	---
	11-Dec-96	Not Located	---	---	---	---	---	---	---	---	---	---
	7-Apr-97	Not Located	---	---	---	---	---	---	---	---	---	---



**Table 4: Summary of Groundwater Analytical Data - Purgeable Halocarbons**

Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	TCE (µg/L) (a)	PCE (µg/L) (a)	TCA (µg/L) (a)	1,1-DCE (µg/L) (a)	trans 1,2-DCE (µg/L) (a)	cis 1,2-DCE (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chlorobenzene (µg/L) (a)	1,2-dichlorobenzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)
MW-8	10-Jun-85	46	18	ND (<1)	ND (<1)	19	NR	1	NR	NR	NR	3
	11-Jun-85	93	35	ND (<0.5)	1	32	NR	1	NR	NR	NR	NA
	5-Nov-91	38	35	ND (<0.5)	0.8	23	NR	1.8	NR	NR	NR	4.9
	21-Apr-95	40	18	ND(<1.0)	ND(<1.0)	6.7	46	1.2	5.6	ND(<1.0)	ND(<1.0)	16
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program										
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program										
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program										
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program										
	13-Sep-96	Not Sampled as Part of Quarterly Monitoring Program										
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program										
	7-Apr-97	Not Sampled as Part of Quarterly Monitoring Program										
	MW-9	13-Jun-85	700	26	ND (<5)	ND (<5)	31	NR	ND (<5)	NR	NR	NR
30-Oct-91		200	11	ND (<0.5)	ND (<0.5)	13	NR	1.3	NR	NR	NR	ND (<1)
21-Apr-95		73	13	ND (<2)	ND (<2)	ND (<2)	6.4	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<4)
19-Sep-95		Not Sampled as Part of Quarterly Monitoring Program										
15-Dec-95		Not Sampled as Part of Quarterly Monitoring Program										
8-Mar-96		Not Sampled as Part of Quarterly Monitoring Program										
11-Jun-96		Not Sampled as Part of Quarterly Monitoring Program										
13-Sep-96		ND(<50)	75	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)
11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
7-Apr-97	95	15	7.1	ND(<2.5)	2.5	8.8	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<5.0)
MW-10	12-Jun-85	5,100	81	ND(<50)	ND(<50)	ND(<50)	NR	ND(<50)	NR	NR	NR	ND(<50)
	(b) 12-Jun-85	12,000	ND(<50)	ND(<50)	ND(<50)	600	NR	ND(<50)	NR	NR	NR	NA
	7-Nov-91	14,000	ND(<50)	6,500	3,800	640	NR	ND(<50)	NR	NR	NR	ND(<100)
	21-Apr-95	10,000	ND (<100)	1,000	1,200	ND (<100)	900	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<200)
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program										
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program										
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program										
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program										
	13-Sep-96	Not Sampled as Part of Quarterly Monitoring Program										
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program										
8-Apr-97	660	ND(<500)	ND(<500)	680	ND(<500)	11,000	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<1000)



**Table 4: Summary of Groundwater Analytical Data - Purgeable Halocarbons**

Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	TCE (µg/L) (a)	PCE (µg/L) (a)	TCA (µg/L) (a)	1,1-DCE (µg/L) (a)	trans 1,2-DCE (µg/L) (a)	cis 1,2-DCE (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chlorobenzene (µg/L) (a)	1,2-dichlorobenzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)	
MW-11 (b)	12-Jun-85	19	5.3	1.3	ND (<0.5)	3.4	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)	
	15-Nov-91	10	1.5	ND (<0.5)	ND (<0.5)	3.1	NR	ND (<0.5)	NR	NR	NR	ND (<1)	
	20-Apr-95	67	7.4	ND (<5)	ND (<5)	ND (<5)	6.2	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<10)	
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program											
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program											
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program											
	13-Sep-96	6.0	0.73	ND (<0.50)	ND (<0.50)	ND (<0.50)	3.6	0.6	1.0	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1.0)
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
7-Apr-97	1.1	ND (<0.50)	ND (<0.50)	ND (<0.50)	4.1	9.7	0.73	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	4.6	
MW-12 (b)	11-Nov-91	130	10	4.6	3.3	9	NR	1.3	NR	NR	NR	ND (<2)	
	20-Apr-95	52	9.4	3.9	9.0	ND (<2.5)	5.0	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<5)	
	19-Sep-95	67	14	7.2	15	3.8	9.1	1.6	2.9	ND (<1.3)	ND (<1.3)	ND (<2.5)	
	15-Dec-95	79	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)	
	8-Mar-96	ND (<50)	850	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)	
	11-Jun-96	2.7	ND (<1.0)	2.6	3.9	1.4	39	1.6	1.4	ND (<1.0)	ND (<1.0)	13	
	13-Sep-96	23	2.3	5.9	12	1.5	15	2.9	1.9	ND (<0.50)	ND (<0.50)	ND (<1.0)	
	11-Dec-96	55	5.0	4.9	6.2	0.83	11	1.4	1.5	ND (<0.50)	ND (<0.50)	ND (<1.0)	
7-Apr-97	65	6.2	ND (<5.0)	15	ND (<5.0)	17	5.6	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<10)		
MW-13	8-Nov-91	630	8.9	ND (<5)	6.8	89	NR	15	NR	NR	NR	20	
	28-Jul-94	770	NA	NA	NA	NA	NR	NA	NR	NR	NR	NA	
	20-Apr-95	360	8.9	ND (<5)	ND (<5)	16	70	14	ND (<5)	ND (<5)	ND (<5)	20	
	19-Sep-95	240	12.0	ND (<5)	ND (<5)	25	72	18	ND (<5)	ND (<5)	ND (<5)	42	
	15-Dec-95	380	ND (<10)	ND (<10)	ND (<10)	17	68	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)	
	8-Mar-96	270	ND (<50)	ND (<50)	ND (<50)	ND (<50)	68	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)	
	11-Jun-96	250	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)	
	13-Sep-96	430	ND (<50)	ND (<50)	ND (<50)	ND (<50)	84	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)	
	11-Dec-96	250	ND (<50)	ND (<50)	ND (<50)	ND (<50)	56	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)	
7-Apr-97	280	ND (<50)	ND (<50)	ND (<50)	ND (<50)	62	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)		



**Table 4: Summary of Groundwater Analytical Data - Purgeable Halocarbons**  
 Electro-Coatings Inc.  
 1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	TCE (µg/L) (a)	PCE (µg/L) (a)	TCA (µg/L) (a)	1,1-DCE (µg/L) (a)	trans 1,2-DCE (µg/L) (a)	cis 1,2-DCE (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chlorobenzene (µg/L) (a)	1,2-dichlorobenzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)	
MW-14	21-Mar-85	580	26	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)	
	11-Nov-91	4,300	13	17	13	150	NR	19	NR	NR	NR	30	
	21-Apr-95	8,100	ND (<10)	ND (<10)	ND (<10)	ND (<10)	36	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)	
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program											
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program											
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program											
	13-Sep-96	4,700	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	ND (<2000)
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
	8-Apr-97	17,000	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<1000)
MW-15	13-Jun-85	1,200	ND(<50)	ND(<50)	ND(<50)	410	NR	ND(<50)	NR	NR	NR	ND(<50)	
	21-Nov-91	650	ND(<5)	ND (<5)	ND (<5)	220	NR	ND (<5)	NR	NR	NR	ND (<10)	
	21-Apr-95	300	ND (<10)	ND (<10)	ND (<10)	130	88	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)	
	19-Sep-95	Not Sampled as Part of Quarterly Monitoring Program											
	15-Dec-95	Not Sampled as Part of Quarterly Monitoring Program											
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Jun-96	Not Sampled as Part of Quarterly Monitoring Program											
	13-Sep-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
	7-Apr-97	Not Sampled as Part of Quarterly Monitoring Program											
MW-16	21-Mar-85	360	42	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)	
	(b) 19-Nov-91	19,000	ND(<5)	1,300	1,200	2299	NR	ND (<5)	NR	NR	NR	420	
	28-Jul-94	22,000	NA	NA	NA	NA	NR	NA	NR	NR	NR	NA	
	20-Apr-95	10,000	13	180	390	67	2,400	28	ND (<10)	12	ND (<10)	300	
	19-Sep-95	7,800	ND (<125)	190	590	190	2,500	ND (<125)	ND (<125)	ND (<125)	ND (<125)	730	
	14-Dec-95	11,000	ND (<0.50)	140	620	100	2,300	26	ND (<0.50)	ND (<0.50)	ND (<0.50)	460	
	8-Mar-96	9,900	ND (<200)	ND (<200)	460	ND (<200)	2,400	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<400)	
	11-Jun-96	9,700	ND (<200)	ND (<200)	ND (<200)	ND (<200)	2,100	ND (<200)	ND (<200)	ND (<200)	ND (<200)	440	
	13-Sep-96	11,000	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	2,200	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	ND (<2000)	
	11-Dec-96	11,000	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	2,900	ND (<1000)	ND (<1000)	ND (<1000)	ND (<1000)	ND (<2000)	
	8-Apr-97	15,000	ND(<1000)	ND(<1000)	ND(<1000)	ND(<1000)	2,900	ND(<1000)	ND(<1000)	ND(<1000)	ND(<1000)	ND(<2000)	



**Table 4: Summary of Groundwater Analytical Data - Purgeable Halocarbons**

Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	TCE (µg/L) (a)	PCE (µg/L) (a)	TCA (µg/L) (a)	1,1-DCE (µg/L) (a)	trans 1,2-DCE (µg/L) (a)	cis 1,2-DCE (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chlorobenzene (µg/L) (a)	1,2-dichlorobenzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)	
MW-17	13-Jun-85	200	18	22	46	23	NR	ND (<5)	NR	NR	NR	ND (<5)	
	19-Nov-91	460	8.9	30	54	54	NR	7.8	NR	NR	NR	420	
	28-Jul-95	780	NA	NA	NA	NA	NR	NA	NR	NR	NR	NA	
	20-Apr-95	410	ND (<10)	ND (<10)	37	11	42	ND (<10)	ND (<10)	31	17	ND (<20)	
	19-Sep-95	260	9.8	11	42	23	50	ND (<5)	ND (<5)	52	28	ND (<10)	
	14-Dec-95	360	13	ND (<10)	38	ND (<10)	24	ND (<10)	ND (<10)	27	15	ND (<20)	
	8-Mar-96	310	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)	ND (<0.50)	ND (<100)
	11-Jun-96	270	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)	ND (<0.50)	ND (<100)
	13-Sep-96	1,900	ND (<200)	ND (<200)	410	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<400)
	11-Dec-96	450	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<400)
8-Apr-97	350	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<200)	ND (<400)	
MW-18	12-Jun-85	430	32	52	ND (<0.5)	140	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)	
	12-Jun-85	340	ND (<50)	66	ND (<50)	ND (<50)	NR	ND (<50)	NR	NR	NR	NA	
	19-Nov-91	560	11	23	ND (<5)	160	NR	ND (<5)	NR	NR	NR	30	
	22-Apr-95	330	ND (<10)	16	ND (<10)	13	35	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)	
	19-Sep-95	200	14	16	ND (<5)	20	34	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<10)	
	14-Dec-95	280	ND (<10)	ND (<10)	ND (<10)	ND (<10)	18	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<20)	
	8-Mar-96	200	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)	
	11-Jun-96	200	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<50)	ND (<100)	
	13-Sep-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
MW-18A	13-Jun-85	10	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)	
	19-Nov-91	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<1)	
	20-Apr-95	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<1.0)	
	19-Sep-95	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<1.0)	
	15-Dec-95	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)	ND (<0.50)	ND (<1.0)	
	8-Mar-96	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)	ND (<0.50)	ND (<1.0)	
	11-Jun-96	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)	ND (<0.50)	ND (<1.0)	
	13-Sep-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
	7-Apr-97	Not Sampled as Part of Quarterly Monitoring Program											



**Table 4: Summary of Groundwater Analytical Data - Purgeable Halocarbons**

Electro-Coatings Inc.  
1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	TCE (µg/L) (a)	PCE (µg/L) (a)	TCA (µg/L) (a)	1,1-DCE (µg/L) (a)	trans 1,2-DCE (µg/L) (a)	cis 1,2-DCE (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chlorobenzene (µg/L) (a)	1,2-dichlorobenzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)	
MW-19	21-Mar-85	91	23	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)	
	20-Apr-95	Not Located	---	---	---	---	---	---	---	---	---	---	
	19-Sep-95	Not Located	---	---	---	---	---	---	---	---	---	---	
	15-Dec-95	Not Located	---	---	---	---	---	---	---	---	---	---	
	8-Mar-96	Not Located	---	---	---	---	---	---	---	---	---	---	
	11-Jun-96	Not Located	---	---	---	---	---	---	---	---	---	---	
	13-Sep-96	Not Located	---	---	---	---	---	---	---	---	---	---	
	11-Dec-96	Not Located	---	---	---	---	---	---	---	---	---	---	
7-Apr-97	Not Located	---	---	---	---	---	---	---	---	---	---		
MW-20	15-Nov-91	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<1)	
	21-Apr-95	3.5	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<1.0)	
	19-Sep-95	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<1.0)	
	15-Dec-95	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)	ND (<0.50)	ND (<1.0)	
	8-Mar-96	Not Sampled as Part of Quarterly Monitoring Program											
	11-Jun-96	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)	ND (<0.50)	ND (<0.50)	ND (<1.0)
	13-Sep-96	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)	ND (<0.50)	ND (<0.50)	ND (<1.0)
	11-Dec-96	Not Sampled as Part of Quarterly Monitoring Program											
7-Apr-97	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)	ND (<0.50)	ND (<0.50)	ND (<1.0)	
MW-21	13-Jun-85	2,200	ND(<50)	110	NA (<50)	800	NR	NA (<50)	NR	NR	NR	NA (<50)	
	21-Apr-95	Not Located	---	---	---	---	---	---	---	---	---	---	
	19-Sep-95	Not Located	---	---	---	---	---	---	---	---	---	---	
	15-Dec-95	Not Located	---	---	---	---	---	---	---	---	---	---	
	8-Mar-96	Not Located	---	---	---	---	---	---	---	---	---	---	
	11-Jun-96	Not Located	---	---	---	---	---	---	---	---	---	---	
	13-Sep-96	Not Located	---	---	---	---	---	---	---	---	---	---	
	11-Dec-96	Not Located	---	---	---	---	---	---	---	---	---	---	
7-Apr-97	Not Located	---	---	---	---	---	---	---	---	---	---		
TB-LB	7-Apr-97	---	---	---	---	---	---	---	---	---	---	---	

Notes appear on the following page.



**Table 4: Summary of Groundwater Analytical Data - Purgeable Halocarbons**

Electro-Coatings Inc.

1401 and 1421 Park Avenue, Emeryville, California

Monitor Well	Date Sampled	TCE (µg/L) (a)	PCE (µg/L) (a)	TCA (µg/L) (a)	1,1-DCE (µg/L) (a)	trans 1,2-DCE (µg/L) (a)	cis 1,2-DCE (µg/L) (a)	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chlorobenzene (µg/L) (a)	1,2-dichlorobenzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)
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NR Not Reported

NA Not Analyzed

(a) Analysis by USEPA Method 8010

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

ND() Not detected; laboratory method detection limit in parentheses.

TB-LB Trip blank-laboratory blank.

µg/L Micrograms per liter.

--- Not sampled.





**ATTACHMENT 1**

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AND CHAIN OF CUSTODY DOCUMENTATION**



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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, MW-1 Analysis Method: EPA 5030/8010 Lab Number: 704-0315	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	0.50	N.D.
Bromoform.....	0.50	N.D.
Bromomethane.....	1.0	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	1.0	N.D.
2-Chloroethylvinyl ether.....	1.0	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	1.0	N.D.
Dibromochloromethane.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>0.50</b>	<b>1.2</b>
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
cis-1,3-Dichloropropene.....	0.50	N.D.
trans-1,3-Dichloropropene.....	0.50	N.D.
Methylene chloride.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
<b>Trichloroethene.....</b>	<b>0.50</b>	<b>13</b>
Trichlorofluoromethane.....	0.50	N.D.
Vinyl chloride.....	1.0	N.D.

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50	150
4-Bromofluorobenzene.....	50	150

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, MW-4 Analysis Method: EPA 5030/8010 Lab Number: 704-0316	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	50	N.D.
Bromoform.....	50	N.D.
Bromomethane.....	100	N.D.
Carbon tetrachloride.....	50	N.D.
Chlorobenzene.....	50	N.D.
Chloroethane.....	100	N.D.
2-Chloroethylvinyl ether.....	100	N.D.
Chloroform.....	50	N.D.
Chloromethane.....	100	N.D.
Dibromochloromethane.....	50	N.D.
1,3-Dichlorobenzene.....	50	N.D.
1,4-Dichlorobenzene.....	50	N.D.
1,2-Dichlorobenzene.....	50	N.D.
1,1-Dichloroethane.....	50	N.D.
1,2-Dichloroethane.....	50	N.D.
1,1-Dichloroethene.....	50	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>50</b>	<b>410</b>
trans-1,2-Dichloroethene.....	50	N.D.
1,2-Dichloropropane.....	50	N.D.
cis-1,3-Dichloropropene.....	50	N.D.
trans-1,3-Dichloropropene.....	50	N.D.
Methylene chloride.....	500	N.D.
1,1,1,2-Tetrachloroethane.....	50	N.D.
Tetrachloroethene.....	50	N.D.
1,1,1-Trichloroethane.....	50	N.D.
1,1,2-Trichloroethane.....	50	N.D.
<b>Trichloroethene.....</b>	<b>100</b>	<b>4,000</b>
Trichlorofluoromethane.....	50	N.D.
Vinyl chloride.....	100	N.D.

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50	150
4-Bromofluorobenzene.....	50	150

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, MW-6 Analysis Method: EPA 5030/8010 Lab Number: 704-0317	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	50	N.D.
Bromoform.....	50	N.D.
Bromomethane.....	100	N.D.
Carbon tetrachloride.....	50	N.D.
Chlorobenzene.....	50	N.D.
Chloroethane.....	100	N.D.
2-Chloroethylvinyl ether.....	100	N.D.
Chloroform.....	50	N.D.
Chloromethane.....	100	N.D.
Dibromochloromethane.....	50	N.D.
1,3-Dichlorobenzene.....	50	N.D.
1,4-Dichlorobenzene.....	50	N.D.
1,2-Dichlorobenzene.....	50	N.D.
1,1-Dichloroethane.....	50	N.D.
1,2-Dichloroethane.....	50	N.D.
<b>1,1-Dichloroethene.....</b>	<b>50</b>	<b>73</b>
<b>cis-1,2-Dichloroethene.....</b>	<b>50</b>	<b>52</b>
trans-1,2-Dichloroethene.....	50	N.D.
1,2-Dichloropropane.....	50	N.D.
cis-1,3-Dichloropropene.....	50	N.D.
trans-1,3-Dichloropropene.....	50	N.D.
Methylene chloride.....	500	N.D.
1,1,2,2-Tetrachloroethane.....	50	N.D.
Tetrachloroethene.....	50	N.D.
1,1,1-Trichloroethane.....	50	N.D.
1,1,2-Trichloroethane.....	50	N.D.
<b>Trichloroethene.....</b>	<b>50</b>	<b>420</b>
Trichlorofluoromethane.....	50	N.D.
Vinyl chloride.....	100	N.D.

Surrogates	Control Limit %	% Recovery	
Dibromodifluoromethane.....	50	150	103
4-Bromofluorobenzene.....	50	150	105

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC0304.003  
Sample Descript: Water, MW-14  
Analysis Method: EPA 5030/8010  
Lab Number: 704-0318

Sampled: Apr 8, 1997  
Received: Apr 8, 1997  
Analyzed: Apr 10, 1997  
Reported: Apr 21, 1997

QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	500	N.D.
Bromoform.....	500	N.D.
Bromomethane.....	1,000	N.D.
Carbon tetrachloride.....	500	N.D.
Chlorobenzene.....	500	N.D.
Chloroethane.....	1,000	N.D.
2-Chloroethylvinyl ether.....	1,000	N.D.
Chloroform.....	500	N.D.
Chloromethane.....	1,000	N.D.
Dibromochloromethane.....	500	N.D.
1,3-Dichlorobenzene.....	500	N.D.
1,4-Dichlorobenzene.....	500	N.D.
1,2-Dichlorobenzene.....	500	N.D.
1,1-Dichloroethane.....	500	N.D.
1,2-Dichloroethane.....	500	N.D.
1,1-Dichloroethene.....	500	N.D.
cis-1,2-Dichloroethene.....	500	N.D.
trans-1,2-Dichloroethene.....	500	N.D.
1,2-Dichloropropane.....	500	N.D.
cis-1,3-Dichloropropene.....	500	N.D.
trans-1,3-Dichloropropene.....	500	N.D.
Methylene chloride.....	5,000	N.D.
1,1,2,2-Tetrachloroethane.....	500	N.D.
Tetrachloroethene.....	500	N.D.
1,1,1-Trichloroethane.....	500	N.D.
1,1,2-Trichloroethane.....	500	N.D.
<b>Trichloroethene.....</b>	<b>500</b>	<b>17,000</b>
Trichlorofluoromethane.....	500	N.D.
Vinyl chloride.....	1,000	N.D.

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50 150	97
4-Bromofluorobenzene.....	50 150	107

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL, #1271

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 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID: RC0304.003	Sampled: Apr 8, 1997
1050 Marina Way South	Sample Descript: Water, MW-16	Received: Apr 8, 1997
Richmond, CA 94804	Analysis Method: EPA 5030/8010	Analyzed: Apr 10, 1997
Attention: Teresa Payne	Lab Number: 704-0319	Reported: Apr 21, 1997

QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	1,000	N.D.
Bromoform.....	1,000	N.D.
Bromomethane.....	2,000	N.D.
Carbon tetrachloride.....	1,000	N.D.
Chlorobenzene.....	1,000	N.D.
Chloroethane.....	2,000	N.D.
2-Chloroethylvinyl ether.....	2,000	N.D.
Chloroform.....	1,000	N.D.
Chloromethane.....	2,000	N.D.
Dibromochloromethane.....	1,000	N.D.
1,3-Dichlorobenzene.....	1,000	N.D.
1,4-Dichlorobenzene.....	1,000	N.D.
1,2-Dichlorobenzene.....	1,000	N.D.
1,1-Dichloroethane.....	1,000	N.D.
1,2-Dichloroethane.....	1,000	N.D.
1,1-Dichloroethene.....	1,000	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>1,000</b>	<b>2,900</b>
trans-1,2-Dichloroethene.....	1,000	N.D.
1,2-Dichloropropane.....	1,000	N.D.
cis-1,3-Dichloropropene.....	1,000	N.D.
trans-1,3-Dichloropropene.....	1,000	N.D.
Methylene chloride.....	10,000	N.D.
1,1,2,2-Tetrachloroethane.....	1,000	N.D.
Tetrachloroethene.....	1,000	N.D.
1,1,1-Trichloroethane.....	1,000	N.D.
1,1,2-Trichloroethane.....	1,000	N.D.
<b>Trichloroethene.....</b>	<b>1,000</b>	<b>15,000</b>
Trichlorofluoromethane.....	1,000	N.D.
Vinyl chloride.....	2,000	N.D.

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50	150
4-Bromofluorobenzene.....	50	150

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, MW-17 Analysis Method: EPA 5030/8010 Lab Number: 704-0320	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	200	N.D.
Bromoform.....	200	N.D.
Bromomethane.....	400	N.D.
Carbon tetrachloride.....	200	N.D.
Chlorobenzene.....	200	N.D.
Chloroethane.....	400	N.D.
2-Chloroethylvinyl ether.....	400	N.D.
Chloroform.....	200	N.D.
Chloromethane.....	400	N.D.
Dibromochloromethane.....	200	N.D.
1,3-Dichlorobenzene.....	200	N.D.
1,4-Dichlorobenzene.....	200	N.D.
1,2-Dichlorobenzene.....	200	N.D.
1,1-Dichloroethane.....	200	N.D.
1,2-Dichloroethane.....	200	N.D.
1,1-Dichloroethene.....	200	N.D.
cis-1,2-Dichloroethene.....	200	N.D.
trans-1,2-Dichloroethene.....	200	N.D.
1,2-Dichloropropane.....	200	N.D.
cis-1,3-Dichloropropene.....	200	N.D.
trans-1,3-Dichloropropene.....	200	N.D.
Methylene chloride.....	2,000	N.D.
1,1,2,2-Tetrachloroethane.....	200	N.D.
Tetrachloroethene.....	200	N.D.
1,1,1-Trichloroethane.....	200	N.D.
1,1,2-Trichloroethane.....	200	N.D.
<b>Trichloroethene.....</b>	<b>200</b>	<b>350</b>
Trichlorofluoromethane.....	200	N.D.
Vinyl chloride.....	400	N.D.

Surrogates	Control Limit %	% Recovery	
Dibromodifluoromethane.....	50	150.....	105
4-Bromofluorobenzene.....	50	150.....	107

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC0304.003  
Sample Descript: Water, MW-10  
Analysis Method: EPA 5030/8010  
Lab Number: 704-0327

Sampled: Apr 8, 1997  
Received: Apr 8, 1997  
Analyzed: Apr 10, 1997  
Reported: Apr 21, 1997

QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	500	N.D.
Bromoform.....	500	N.D.
Bromomethane.....	1,000	N.D.
Carbon tetrachloride.....	500	N.D.
Chlorobenzene.....	500	N.D.
Chloroethane.....	1,000	N.D.
2-Chloroethylvinyl ether.....	1,000	N.D.
Chloroform.....	500	N.D.
Chloromethane.....	1,000	N.D.
Dibromochloromethane.....	500	N.D.
1,3-Dichlorobenzene.....	500	N.D.
1,4-Dichlorobenzene.....	500	N.D.
1,2-Dichlorobenzene.....	500	N.D.
1,1-Dichloroethane.....	500	N.D.
1,2-Dichloroethane.....	500	N.D.
<b>1,1-Dichloroethene.....</b>	<b>500</b>	<b>680</b>
<b>cis-1,2-Dichloroethene.....</b>	<b>500</b>	<b>11,000</b>
trans-1,2-Dichloroethene.....	500	N.D.
1,2-Dichloropropane.....	500	N.D.
cis-1,3-Dichloropropene.....	500	N.D.
trans-1,3-Dichloropropene.....	500	N.D.
Methylene chloride.....	5,000	N.D.
1,1,2,2-Tetrachloroethane.....	500	N.D.
Tetrachloroethene.....	500	N.D.
1,1,1-Trichloroethane.....	500	N.D.
1,1,2-Trichloroethane.....	500	N.D.
<b>Trichloroethene.....</b>	<b>500</b>	<b>660</b>
Trichlorofluoromethane.....	500	N.D.
Vinyl chloride.....	1,000	N.D.

Surrogates	Control	Limit %	% Recovery
Dibromodifluoromethane.....	50	150.....	98
4-Bromofluorobenzene.....	50	150.....	105

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, IP-11 Analysis Method: EPA 5030/8010 Lab Number: 704-0321	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	25	N.D.
Bromoform.....	25	N.D.
Bromomethane.....	50	N.D.
Carbon tetrachloride.....	25	N.D.
Chlorobenzene.....	25	N.D.
Chloroethane.....	50	N.D.
2-Chloroethylvinyl ether.....	50	N.D.
Chloroform.....	25	N.D.
Chloromethane.....	50	N.D.
Dibromochloromethane.....	25	N.D.
1,3-Dichlorobenzene.....	25	N.D.
1,4-Dichlorobenzene.....	25	N.D.
1,2-Dichlorobenzene.....	25	N.D.
1,1-Dichloroethane.....	25	N.D.
1,2-Dichloroethane.....	25	N.D.
1,1-Dichloroethene.....	25	N.D.
cis-1,2-Dichloroethene.....	25	N.D.
trans-1,2-Dichloroethene.....	25	N.D.
1,2-Dichloropropane.....	25	N.D.
cis-1,3-Dichloropropene.....	25	N.D.
trans-1,3-Dichloropropene.....	25	N.D.
Methylene chloride.....	250	N.D.
1,1,2,2-Tetrachloroethane.....	25	N.D.
Tetrachloroethene.....	25	N.D.
1,1,1-Trichloroethane.....	25	N.D.
1,1,2-Trichloroethane.....	25	N.D.
<b>Trichloroethene.....</b>	<b>25</b>	<b>49</b>
Trichlorofluoromethane.....	25	N.D.
Vinyl chloride.....	50	N.D.

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50	150..... 103
4-Bromofluorobenzene.....	50	150..... 106

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, IP-3 Analysis Method: EPA 5030/8010 Lab Number: 704-0322	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	0.50	N.D.
Bromoform.....	0.50	N.D.
Bromomethane.....	1.0	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	1.0	N.D.
2-Chloroethylvinyl ether.....	1.0	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	1.0	N.D.
Dibromochloromethane.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
cis-1,3-Dichloropropene.....	0.50	N.D.
trans-1,3-Dichloropropene.....	0.50	N.D.
Methylene chloride.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
<b>Tetrachloroethene.....</b>	<b>0.50</b>	<b>12</b>
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
<b>Trichloroethene.....</b>	<b>0.50</b>	<b>17</b>
Trichlorofluoromethane.....	0.50	N.D.
Vinyl chloride.....	1.0	N.D.

Surrogates	Control Limit %	% Recovery	
Dibromodifluoromethane.....	50	150	99
4-Bromofluorobenzene.....	50	150	104

Analytes reported as N.D. were not present above the stated limit of detection.

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, IP-1 Analysis Method: EPA 5030/8010 Lab Number: 704-0323	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	100	N.D.
Bromoform.....	100	N.D.
Bromomethane.....	200	N.D.
Carbon tetrachloride.....	100	N.D.
Chlorobenzene.....	100	N.D.
Chloroethane.....	200	N.D.
2-Chloroethylvinyl ether.....	200	N.D.
Chloroform.....	100	N.D.
Chloromethane.....	200	N.D.
Dibromochloromethane.....	100	N.D.
1,3-Dichlorobenzene.....	100	N.D.
1,4-Dichlorobenzene.....	100	N.D.
1,2-Dichlorobenzene.....	100	N.D.
<b>1,1-Dichloroethane.....</b>	<b>100</b>	<b>150</b>
1,2-Dichloroethane.....	100	N.D.
1,1-Dichloroethene.....	100	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>100</b>	<b>2,900</b>
<b>trans-1,2-Dichloroethene.....</b>	<b>100</b>	<b>740</b>
1,2-Dichloropropane.....	100	N.D.
cis-1,3-Dichloropropene.....	100	N.D.
trans-1,3-Dichloropropene.....	100	N.D.
Methylene chloride.....	1,000	N.D.
1,1,2,2-Tetrachloroethane.....	100	N.D.
Tetrachloroethene.....	100	N.D.
1,1,1-Trichloroethane.....	100	N.D.
1,1,2-Trichloroethane.....	100	N.D.
<b>Trichloroethene.....</b>	<b>100</b>	<b>2,800</b>
Trichlorofluoromethane.....	100	N.D.
Vinyl chloride.....	200	N.D.

Surrogates	Control Limit %	% Recovery	
Dibromodifluoromethane.....	50	150	99
4-Bromofluorobenzene.....	50	150	108

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, IP-2 Analysis Method: EPA 5030/8010 Lab Number: 704-0324	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	200	N.D.
Bromoform.....	200	N.D.
Bromomethane.....	400	N.D.
Carbon tetrachloride.....	200	N.D.
Chlorobenzene.....	200	N.D.
Chloroethane.....	400	N.D.
2-Chloroethylvinyl ether.....	400	N.D.
Chloroform.....	200	N.D.
Chloromethane.....	400	N.D.
Dibromochloromethane.....	200	N.D.
1,3-Dichlorobenzene.....	200	N.D.
1,4-Dichlorobenzene.....	200	N.D.
1,2-Dichlorobenzene.....	200	N.D.
<b>1,1-Dichloroethane.....</b>	<b>200</b>	<b>200</b>
1,2-Dichloroethane.....	200	N.D.
1,1-Dichloroethene.....	200	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>200</b>	<b>5,700</b>
<b>trans-1,2-Dichloroethene.....</b>	<b>200</b>	<b>1,100</b>
1,2-Dichloropropane.....	200	N.D.
cis-1,3-Dichloropropene.....	200	N.D.
trans-1,3-Dichloropropene.....	200	N.D.
Methylene chloride.....	2,000	N.D.
1,1,2,2-Tetrachloroethane.....	200	N.D.
Tetrachloroethene.....	200	N.D.
1,1,1-Trichloroethane.....	200	N.D.
1,1,2-Trichloroethane.....	200	N.D.
<b>Trichloroethene.....</b>	<b>200</b>	<b>3,200</b>
Trichlorofluoromethane.....	200	N.D.
<b>Vinyl chloride.....</b>	<b>400</b>	<b>640</b>

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50	150
4-Bromofluorobenzene.....	50	150

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, IP-7 Analysis Method: EPA 5030/8010 Lab Number: 704-0325	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	100	N.D.
Bromoform.....	100	N.D.
Bromomethane.....	200	N.D.
Carbon tetrachloride.....	100	N.D.
Chlorobenzene.....	100	N.D.
Chloroethane.....	200	N.D.
2-Chloroethylvinyl ether.....	200	N.D.
Chloroform.....	100	N.D.
Chloromethane.....	200	N.D.
Dibromochloromethane.....	100	N.D.
1,3-Dichlorobenzene.....	100	N.D.
1,4-Dichlorobenzene.....	100	N.D.
1,2-Dichlorobenzene.....	100	N.D.
1,1-Dichloroethane.....	100	N.D.
1,2-Dichloroethane.....	100	N.D.
1,1-Dichloroethene.....	100	N.D.
cis-1,2-Dichloroethene.....	100	N.D.
trans-1,2-Dichloroethene.....	100	N.D.
1,2-Dichloropropane.....	100	N.D.
cis-1,3-Dichloropropene.....	100	N.D.
trans-1,3-Dichloropropene.....	100	N.D.
Methylene chloride.....	1,000	N.D.
1,1,2,2-Tetrachloroethane.....	100	N.D.
Tetrachloroethene.....	100	N.D.
1,1,1-Trichloroethane.....	100	N.D.
1,1,2-Trichloroethane.....	100	N.D.
<b>Trichloroethene.....</b>	<b>100</b>	<b>620</b>
Trichlorofluoromethane.....	100	N.D.
Vinyl chloride.....	200	N.D.

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50	150
4-Bromofluorobenzene.....	50	150

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC0304.003 Sample Descript: Water, TB Analysis Method: EPA 5030/8010 Lab Number: 704-0326	Sampled: Apr 8, 1997 Received: Apr 8, 1997 Analyzed: Apr 10, 1997 Reported: Apr 21, 1997
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QC Batch Number: GC041197801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	0.50	N.D.
Bromoform.....	0.50	N.D.
Bromomethane.....	1.0	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	1.0	N.D.
2-Chloroethylvinyl ether.....	1.0	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	1.0	N.D.
Dibromochloromethane.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
cis-1,3-Dichloropropane.....	0.50	N.D.
trans-1,3-Dichloropropane.....	0.50	N.D.
Methylene chloride.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
Vinyl chloride.....	1.0	N.D.

Surrogates	Control Limit	%	Recovery
Dibromodifluoromethane.....	50	150	102
4-Bromofluorobenzene.....	50	150	104

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC0304.003  
Sample Descript: Water  
Analysis for: Chromium  
First Sample #: 704-0315

Sampled: Apr 8, 1997  
Received: Apr 8, 1997  
Digested: Apr 14, 1997  
Analyzed: Apr 15, 1997  
Reported: Apr 21, 1997

## LABORATORY ANALYSIS FOR: Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L	QC Batch Number	Instrument ID
704-0315	MW-1	0.010	0.32	ME0414972007MDA	MV-3
704-0316	MW-4	0.010	13	ME0414972007MDA	MV-3
704-0317	MW-6	0.010	45	ME0414972007MDA	MV-3
704-0318	MW-14	0.010	93	ME0414972007MDA	MV-3
704-0319	MW-16	0.010	57	ME0414972007MDA	MV-3
704-0320	MW-17	0.010	160	ME0414972007MDA	MV-3
704-0321	IP-11	0.010	25	ME0414972007MDA	MV-3
704-0322	IP-3	0.010	4.9	ME0414972007MDA	MV-3
704-0323	IP-1	0.010	7.5	ME0414972007MDA	MV-3
704-0324	IP-2	0.010	8.5	ME0414972007MDA	MV-3
704-0325	IP-7	0.010	5.6	ME0414972007MDA	MV-3

Analytes reported as N.D. were not present above the stated limit of detection.

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Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC0304.003  
Sample Descript: Water  
Analysis for: Chromium  
First Sample #: 704-0326

Sampled: Apr 8, 1997  
Received: Apr 8, 1997  
Digested: Apr 14, 1997  
Analyzed: Apr 15, 1997  
Reported: Apr 21, 1997

## LABORATORY ANALYSIS FOR: Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L	QC Batch Number	Instrument ID
704-0326	TB	0.010	N.D.	ME0414972007MDA	MV-3
704-0327	MW-10	0.010	6.5	ME0414972007MDA	MV-3

Analytes reported as N.D. were not present above the stated limit of detection.

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FAX (916) 921-0100

Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC0304.003  
Sample Descript: Water  
Analysis for: Hexavalent Chromium  
First Sample #: 704-0315

Sampled: Apr 8, 1997  
Received: Apr 8, 1997  
Analyzed: Apr 8, 1997  
Reported: Apr 21, 1997

## LABORATORY ANALYSIS FOR: Hexavalent Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L	QC Batch Number	Instrument ID
704-0315	MW-1	0.0050	N.D.	IN0408977196I3A	INSPC-1
704-0316	MW-4	0.0050	16	IN0408977196I3A	INSPC-1
704-0317	MW-6	0.0050	48	IN0408977196I3A	INSPC-1
704-0318	MW-14	0.0050	100	IN0408977196I3A	INSPC-1
704-0319	MW-16	0.0050	64	IN0408977196I3A	INSPC-1
704-0320	MW-17	0.0050	160	IN0408977196I3A	INSPC-1
704-0321	IP-11	0.0050	33	IN0408977196I3A	INSPC-1
704-0322	IP-3	0.0050	0.062	IN0408977196I3B	INSPC-1
704-0323	IP-1	0.0050	9.6	IN0408977196I3B	INSPC-1
704-0324	IP-2	0.0050	9.9	IN0408977196I3B	INSPC-1
704-0325	IP-7	0.0050	9.1	IN0408977196I3B	INSPC-1

Analytes reported as N.D. were not present above the stated limit of detection.

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Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC0304.003  
Sample Descript: Water  
Analysis for: Hexavalent Chromium  
First Sample #: 704-0326

Sampled: Apr 8, 1997  
Received: Apr 8, 1997  
Analyzed: Apr 8, 1997  
Reported: Apr 21, 1997

## LABORATORY ANALYSIS FOR: Hexavalent Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L	QC Batch Number	Instrument ID
704-0326	TB	0.0050	N.D.	IN0408977196I3B	INSPC-1
704-0327	MW-10	0.0050	N.D.	IN0408977196I3B	INSPC-1

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC0304.003  
Matrix: Liquid

QC Sample Group: 7040315-327

Reported: Apr 21, 1997

## QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Chromium	Hexavalent Chromium	Hexavalent Chromium
QC Batch#:	GC041197 801006A	GC041197 801006A	GC041197 801006A	ME041497 2007MDA	IN040897 719613A	IN040897 719613B
Analy. Method:	EPA 8010	EPA 8010	EPA 8010	EPA 200.7	EPA 7196	EPA 7196
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 200.7	EPA 7196	EPA 7196
Analyst:	P. Horton	P. Horton	P. Horton	J. Kelly	Y. Borinshteyn	Y. Borinshteyn
MS/MSD #:	7040254	7040254	7040254	7040249	7040315	7040326
Sample Conc.:	N.D.	N.D.	N.D.	0.014 mg/L	N.D.	N.D.
Prepared Date:	4/11/97	4/11/97	4/11/97	4/14/97	4/8/97	4/8/97
Analyzed Date:	4/11/97	4/11/97	4/11/97	4/15/97	4/8/97	4/8/97
Instrument I.D.#:	HP-6	HP-6	HP-6	MV-3	INSPC-1	INSPC-1
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	1.0 mg/L	0.050 mg/L	0.050 mg/L
Result:	10	9.9	9.2	1.2	0.045	0.049
MS % Recovery:	102	99	92	119	90	98
Dup. Result:	9.7	10	9.3	1.1	0.046	0.049
MSD % Recov.:	97	101	93	109	92	98
RPD:	5.0	2.0	1.1	8.7	2.2	0.0
RPD Limit:	0-25	0-25	0-25	0-20	0-20	0-20

LCS #:	LCS041097	LCS041097	LCS041097	LCS041497	LCS040897	LCS040897B
Prepared Date:	4/10/97	4/10/97	4/10/97	4/14/97	4/8/97	4/8/97
Analyzed Date:	4/10/97	4/10/97	4/10/97	4/15/97	4/8/97	4/8/97
Instrument I.D.#:	HP-6	HP-6	HP-6	MV-3	INSPC-1	INSPC-1
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	1.0 mg/L	0.050 mg/L	0.050 mg/L
LCS Result:	9.4	9.5	8.9	1.0	0.056	0.057
LCS % Recov.:	94	95	89	100	112	114

MS/MSD LCS Control Limits	65-135	70-130	70-130	80-120	80-120	80-120
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**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

\*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL, #1271

*Melissa A. Brewer*

Melissa A. Brewer  
Client Services Representative

Project Number RC0304-003  
Project Location ESC - Emeryville  
Laboratory Sequoia - W.C.  
Sampler(s)/Affiliation CSC

SAMPLE IDENTITY Code Date/Time Sampled Lab ID

				SAMPLE BOTTLE / CONTAINER DESCRIPTION									
				Total Chromium 200.7	Hexavalent Chromium 7196	Halogenated Volatile Organics 8010							TOTAL
MW-1	L	4/8 8:05		X	X	X						7040315 A-E	5
MW-4		8:50		X	X	X						7040316	5
MW-6		8:30		X	X	X						7040317	5
MW-14		10:00		X	X	X						7040318	5
MW-16		7:10		X	X	X						7040319	5
MW-17		7:30		X	X	X						7040320	5
IP-11		10:15		X	X	X						7040321	5
IP-3		10:30		X	X	X						7040322	5
IP-1		11:00		X	X	X						7040323	5
IP-2		11:30		X	X	X						7040324	5
IP-7		12:00		X	X	X						7040325	5
TB				X	X	X						7040326 A-C	3
MW-10	L	4/8 9:25		X	X	X						7040327 A-E	5

DO NOT CHARGE FOR TB

TU 3 24

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

Total No. of Bottles/Containers 63

Relinquished by: <u>[Signature]</u>	Organization: <u>Geometric Miller</u>	Date: <u>4/8/05</u> Time: <u>13:05</u>	Seal Intact? Yes No N/A
Received by: <u>[Signature]</u>	Organization: <u>US Delivery</u>	Date: <u>4/8/05</u> Time: <u>13:05</u>	
Relinquished by: <u>[Signature]</u>	Organization: <u>US Delivery</u>	Date: <u>4/8/05</u> Time: <u>14:00</u>	Seal Intact? Yes No N/A
Received by: <u>[Signature]</u>	Organization: <u>SAC</u>	Date: <u>4/8/05</u> Time: <u>14:00</u>	

Special Instructions/Remarks:

Delivery Method:  In Person  Common Carrier  Lab Courier  Other

WIL. SANTOS #1547 13:05



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FAX (916) 921-0100

Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC00304.003  
Sample Descript: Water, MW-3A  
Analysis Method: EPA 5030/8010  
Lab Number: 704-0249

Sampled: Apr 7, 1997  
Received: Apr 7, 1997  
Analyzed: Apr 8, 1997  
Reported: Apr 18, 1997

QC Batch Number: GC040897801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	0.50	N.D.
Bromoform.....	0.50	N.D.
Bromomethane.....	1.0	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	1.0	N.D.
2-Chloroethylvinyl ether.....	1.0	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	1.0	N.D.
Dibromochloromethane.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
cis-1,3-Dichloropropene.....	0.50	N.D.
trans-1,3-Dichloropropene.....	0.50	N.D.
Methylene chloride.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
Vinyl chloride.....	1.0	N.D.
<b>Surrogates</b>	<b>Control Limit %</b>	<b>% Recovery</b>
Dibromodifluoromethane.....	50	150.....
4-Bromofluorobenzene.....	50	150.....

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer  
Client Services Representative



# Sequoia Analytical

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 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC00304.003 Sample Descript: Water, MW-11 Analysis Method: EPA 5030/8010 Lab Number: 704-0251	Sampled: Apr 7, 1997 Received: Apr 7, 1997 Analyzed: Apr 9, 1997 Reported: Apr 18, 1997
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QC Batch Number: GC040897801006A  
 Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	0.50	N.D.
Bromoform.....	0.50	N.D.
Bromomethane.....	1.0	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	1.0	N.D.
2-Chloroethylvinyl ether.....	1.0	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	1.0	N.D.
Dibromochloromethane.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
<b>1,1-Dichloroethane.....</b>	<b>0.50</b>	<b>0.73</b>
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>0.50</b>	<b>9.7</b>
<b>trans-1,2-Dichloroethene.....</b>	<b>0.50</b>	<b>4.1</b>
1,2-Dichloropropane.....	0.50	N.D.
cis-1,3-Dichloropropene.....	0.50	N.D.
trans-1,3-Dichloropropene.....	0.50	N.D.
Methylene chloride.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
<b>Trichloroethene.....</b>	<b>0.50</b>	<b>1.1</b>
Trichlorofluoromethane.....	0.50	N.D.
<b>Vinyl chloride.....</b>	<b>1.0</b>	<b>4.6</b>

Surrogates	Control	Limit %	% Recovery
Dibromodifluoromethane.....	50	150.....	96
4-Bromofluorobenzene.....	50	150.....	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

*Melissa A. Brewer*

Melissa A. Brewer  
 Client Services Representative



# Sequoia Analytical

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Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC00304.003  
Sample Descript: Water, MW-12  
Analysis Method: EPA 5030/8010  
Lab Number: 704-0252

Sampled: Apr 7, 1997  
Received: Apr 7, 1997  
Analyzed: Apr 8, 1997  
Reported: Apr 18, 1997

QC Batch Number: GC040897801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	5.0	N.D.
Bromoform.....	5.0	N.D.
Bromomethane.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	5.0	N.D.
Chloroethane.....	10	N.D.
2-Chloroethylvinyl ether.....	10	N.D.
Chloroform.....	5.0	N.D.
Chloromethane.....	10	N.D.
Dibromochloromethane.....	5.0	N.D.
1,3-Dichlorobenzene.....	5.0	N.D.
1,4-Dichlorobenzene.....	5.0	N.D.
1,2-Dichlorobenzene.....	5.0	N.D.
<b>1,1-Dichloroethane.....</b>	<b>5.0</b>	<b>5.6</b>
1,2-Dichloroethane.....	5.0	N.D.
<b>1,1-Dichloroethene.....</b>	<b>5.0</b>	<b>15</b>
<b>cis-1,2-Dichloroethene.....</b>	<b>5.0</b>	<b>17</b>
trans-1,2-Dichloroethene.....	5.0	N.D.
1,2-Dichloropropane.....	5.0	N.D.
cis-1,3-Dichloropropene.....	5.0	N.D.
trans-1,3-Dichloropropene.....	5.0	N.D.
Methylene chloride.....	50	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
<b>Tetrachloroethene.....</b>	<b>5.0</b>	<b>6.2</b>
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	5.0	N.D.
<b>Trichloroethene.....</b>	<b>5.0</b>	<b>65</b>
Trichlorofluoromethane.....	5.0	N.D.
Vinyl chloride.....	10	N.D.

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50	150
4-Bromofluorobenzene.....	50	150

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL, #1271

*Melissa A. Brewer*

Melissa A. Brewer  
Client Services Representative



# Sequoia Analytical

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Geraghty & Miller, Inc. 1050 Marina Way South Richmond, CA 94804 Attention: Teresa Payne	Client Project ID: RC00304.003 Sample Descript: Water, MW-13 Analysis Method: EPA 5030/8010 Lab Number: 704-0253	Sampled: Apr 7, 1997 Received: Apr 7, 1997 Analyzed: Apr 8, 1997 Reported: Apr 18, 1997
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QC Batch Number: GC040897801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	50	N.D.
Bromoform.....	50	N.D.
Bromomethane.....	100	N.D.
Carbon tetrachloride.....	50	N.D.
Chlorobenzene.....	50	N.D.
Chloroethane.....	100	N.D.
2-Chloroethylvinyl ether.....	100	N.D.
Chloroform.....	50	N.D.
Chloromethane.....	100	N.D.
Dibromochloromethane.....	50	N.D.
1,3-Dichlorobenzene.....	50	N.D.
1,4-Dichlorobenzene.....	50	N.D.
1,2-Dichlorobenzene.....	50	N.D.
1,1-Dichloroethane.....	50	N.D.
1,2-Dichloroethane.....	50	N.D.
1,1-Dichloroethene.....	50	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>50</b>	<b>62</b>
trans-1,2-Dichloroethene.....	50	N.D.
1,2-Dichloropropane.....	50	N.D.
cis-1,3-Dichloropropene.....	50	N.D.
trans-1,3-Dichloropropene.....	50	N.D.
Methylene chloride.....	500	N.D.
1,1,2,2-Tetrachloroethane.....	50	N.D.
Tetrachloroethene.....	50	N.D.
1,1,1-Trichloroethane.....	50	N.D.
1,1,2-Trichloroethane.....	50	N.D.
<b>Trichloroethene.....</b>	<b>50</b>	<b>280</b>
Trichlorofluoromethane.....	50	N.D.
Vinyl chloride.....	100	N.D.

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50	150..... 97
4-Bromofluorobenzene.....	50	150..... 104

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL, #1271

*Melissa A. Brewer*

Melissa A. Brewer  
Client Services Representative





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Geraghty & Miller, Inc.  
 1050 Marina Way South  
 Richmond, CA 94804  
 Attention: Teresa Payne

Client Project ID: RC00304.003  
 Sample Descript: Water  
 Analysis for: Chromium  
 First Sample #: 704-0249

Sampled: Apr 7, 1997  
 Received: Apr 7, 1997  
 Digested: Apr 14, 1997  
 Analyzed: Apr 15, 1997  
 Reported: Apr 18, 1997

## LABORATORY ANALYSIS FOR: Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L	QC Batch Number	Instrument ID
704-0249	MW-3A	0.010	0.014	ME0414972007MDA	MV-3
704-0250	MW-9	0.010	74	ME0414972007MDA	MV-3
704-0251	MW-11	0.010	0.63	ME0414972007MDA	MV-3
704-0252	MW-12	0.010	2.0	ME0414972007MDA	MV-3
704-0253	MW-13	0.010	150	ME0414972007MDA	MV-3
704-0254	MW-20	0.010	0.055	ME0414972007MDA	MV-3

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

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Geraghty & Miller, Inc.	Client Project ID: RC00304.003	Sampled: Apr 7, 1997
1050 Marina Way South	Sample Descript: Water, MW-20	Received: Apr 7, 1997
Richmond, CA 94804	Analysis Method: EPA 5030/8010	Analyzed: Apr 9, 1997
Attention: Teresa Payne	Lab Number: 704-0254	Reported: Apr 18, 1997

QC Batch Number: GC040897801006A

Instrument ID: HP-6

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	0.50	N.D.
Bromoform.....	0.50	N.D.
Bromomethane.....	1.0	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	1.0	N.D.
2-Chloroethylvinyl ether.....	1.0	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	1.0	N.D.
Dibromochloromethane.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
cis-1,3-Dichloropropene.....	0.50	N.D.
trans-1,3-Dichloropropene.....	0.50	N.D.
Methylene chloride.....	5.0	N.D.
1,1,1,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
Vinyl chloride.....	1.0	N.D.

Surrogates	Control Limit %	% Recovery
Dibromodifluoromethane.....	50	150..... 109
4-Bromofluorobenzene.....	50	150..... 106

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

*Melissa A. Brewer*

Melissa A. Brewer  
 Client Services Representative



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Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC00304.003  
Sample Descript: Water  
Analysis for: Hexavalent Chromium  
First Sample #: 704-0249

Sampled: Apr 7, 1997  
Received: Apr 7, 1997  
Analyzed: Apr 7, 1997  
Reported: Apr 18, 1997

## LABORATORY ANALYSIS FOR: Hexavalent Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L	QC Batch Number	Instrument ID
704-0249	MW-3A	0.0050	N.D.	IN0407977196I3A	INSPC-1
704-0250	MW-9	0.0050	76	IN0407977196I3A	INSPC-1
704-0251	MW-11	0.0050	N.D.	IN0407977196I3A	INSPC-1
704-0252	MW-12	0.0050	0.69	IN0407977196I3A	INSPC-1
704-0253	MW-13	0.0050	160	IN0407977196I3A	INSPC-1
704-0254	MW-20	0.0050	N.D.	IN0407977196I3A	INSPC-1

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

*Melissa A. Brewer*

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Geraghty & Miller, Inc. Client Project ID: RC00304.003  
 1050 Marina Way South Matrix: Liquid  
 Richmond, CA 94804  
 Attention: Teresa Payne QC Sample Group: 7040249-254 Reported: Apr 18, 1997

## QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
QC Batch#:	GC040897 801006A	GC040897 801006A	GC040897 801006A	GC040897 801006A	GC040897 801006A	GC040897 801006A
Analy. Method:	EPA 8010	EPA 8010	EPA 8010	EPA 8010	EPA 8010	EPA 8010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	P. Horton	P. Horton	P. Horton	P. Horton	P. Horton	P. Horton
MS/MSD #:	7040082	7040082	7040082	7040082	7040082	7040082
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/8/97	4/8/97	4/8/97	4/8/97	4/8/97	4/8/97
Analyzed Date:	4/8/97	4/8/97	4/8/97	4/8/97	4/8/97	4/8/97
Instrument I.D.#:	HP-6	HP-6	HP-6	HP-6	HP-6	HP-6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L
Result:	10	10	9.4	-	-	-
MS % Recovery:	103	101	94	-	-	-
Dup. Result:	11	10	9.4	-	-	-
MSD % Recov.:	106	102	94	-	-	-
RPD:	2.8	1.0	0.0	-	-	-
RPD Limit:	0-25	0-25	0-25	0-25	0-25	0-25

LCS #:	LCS040897	LCS040897	LCS040897	LCS040997	LCS040997	LCS040997
Prepared Date:	4/8/97	4/8/97	4/8/97	4/9/97	4/9/97	4/9/97
Analyzed Date:	4/8/97	4/8/97	4/8/97	4/9/97	4/9/97	4/9/97
Instrument I.D.#:	HP-6	HP-6	HP-6	HP-6	HP-6	HP-6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L
LCS Result:	10	9.9	9.3	11	11	9.6
LCS % Recov.:	100	99	93	107	107	96

MS/MSD LCS Control Limits	65-135	70-130	70-130	65-135	70-130	70-130
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Please Note:  
 The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.  
 \*\* MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL, #1271  
*Melissa A. Brewer*  
 Melissa A. Brewer  
 Client Services Representative



# Sequoia Analytical

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Geraghty & Miller, Inc.  
1050 Marina Way South  
Richmond, CA 94804  
Attention: Teresa Payne

Client Project ID: RC00304.003  
Matrix: Liquid

QC Sample Group: 7040249-254

Reported: Apr 18, 1997

## QUALITY CONTROL DATA REPORT

<b>Analyte:</b>	Chromium	Hexavalent Chromium
<b>QC Batch#:</b>	ME041497	IN040797
	2007MDA	719613A
<b>Analy. Method:</b>	EPA 200.7	EPA 7196
<b>Prep. Method:</b>	EPA 200.7	EPA 7196
<b>Analyst:</b>	J. Kelly	Y. Borinshteyn
<b>MS/MSD #:</b>	7040249	7040254
<b>Sample Conc.:</b>	0.014 mg/L	N.D.
<b>Prepared Date:</b>	4/14/97	4/7/97
<b>Analyzed Date:</b>	4/15/97	4/7/97
<b>Instrument I.D.#:</b>	MV-3	INSPC-1
<b>Conc. Spiked:</b>	1.0 mg/L	0.050 mg/L
<b>Result:</b>	1.2	0.046
<b>MS % Recovery:</b>	119	92
<b>Dup. Result:</b>	1.1	0.046
<b>MSD % Recov.:</b>	109	92
<b>RPD:</b>	8.7	0.0
<b>RPD Limit:</b>	0-20	0-20

<b>LCS #:</b>	LCS041497	LCS040797
<b>Prepared Date:</b>	4/14/97	4/7/97
<b>Analyzed Date:</b>	4/15/97	4/7/97
<b>Instrument I.D.#:</b>	MV-3	INSPC-1
<b>Conc. Spiked:</b>	1.0 mg/L	0.050 mg/L
<b>LCS Result:</b>	1.0	0.049
<b>LCS % Recov.:</b>	100	98

<b>MS/MSD</b>		
<b>LCS</b>	80-120	80-120
<b>Control Limits</b>		

**Please Note:**

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

\*\* MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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