

**Electro-
Coatings
Inc.**

ENVIRONMENTAL
PROTECTION
97 SEP -5 PM 3:43

Electro-Coatings Inc.
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9/1/97

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
June 30, 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 October, 1997.

These samples were taken about 2 months after the injections were made and we are feeling good about the results.

Yours very truly,

Judy Garvens
Administrative Manager

cc: Mr. Mark Johnson, RWQCB

August 18, 1997
Project No. RC0304.003

Ms. Judy Garvens
Administrative Manager
Electro-Coatings Inc.
1401 Park Avenue
Emeryville, California 94608

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

Groundwater Monitoring Wells MW-3A, MW-4, MW-5, MW-6, MW-12, MW-13, MW-16, and MW-17, were sampled on June 30, 1997 as part of the quarterly groundwater monitoring program. Groundwater Monitoring Wells MW-18 and MW-18A were also sampled in compliance with a requirement for annual sampling. 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. Groundwater samples for laboratory analysis were collected into 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 3.57 feet below ground surface (MW-6) to 6.84 feet below ground surface (MW-5). 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 June 30, 1997, the direction of groundwater flow is toward the west, which is consistent with the previous sampling event (Geraghty & Miller, April 24, 1997).

Laboratory Analytical Results

Chromium Results

Cumulative analytical results for total and hexavalent chromium are summarized in Table 3 and the current results are presented in Figure 2. Results for groundwater Monitoring Wells MW-3A, MW-6, MW-16, MW-17, and MW-18 are consistent with previous sampling events however, decreasing concentrations of total and hexavalent chromium were detected in Wells MW-4, MW-15, MW-12 and MW-13. This decrease is possibly due to the influence of remediation activities which took place between April 10 and 24, 1997. Hexavalent chromium was detected in the water samples collected from the deep groundwater Monitoring Well (MW-3A) at 5.0 micrograms per liter ($\mu\text{g/L}$), and total chromium was detected at 67 $\mu\text{g/L}$.

Purgeable Halogenated Volatile Organic Compound Results

The cumulative analytical results for purgeable halogenated volatile organic compounds (HVOCs) are summarized in Table 4. Figure 3 presents the concentrations of trichloroethylene (TCE) and tetrachloroethylene (aka perchloroethylene [PCE]) detected during the April 1997 sampling event. TCE and cis-1,2-dichloroethene continue to be the most frequently detected HVOCs. TCE was the most frequently detected compound, and it was detected at the highest concentrations. The highest concentration of TCE was detected in groundwater Monitoring Well MW-16, to the east of the site.


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.

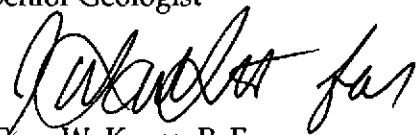
Sincerely,
GERAGHTY & MILLER, INC.



Steven J. Brussee
Staff Engineer



Jeffrey W. Hawkins, R.G.
Senior Geologist



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

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| 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, June 1997 – Total Chromium and Hexavalent Chromium |
| Figure 3 | Groundwater Analytical Results, June 1997 – TCE and PCE |
| Attachment 1 | Copies of Laboratory Analytical Reports and Chain-of-Custody Documentation |



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-1	13-Sep-96	59	45	6.0	570	64.4	6.15	28.91	4
	10-Dec-96	NM	NM	NM	NM	NM	NM	NM	
	8-Apr-97	44.92	23	6	730	57.7	5.87	28.91	
	30-Jun-97	NM	NM	NM	NM	NM	NM	NM	
MW-3A	19-Sep-95	15	6 (c)	7.3	2,800	71.2	5.70	61.21	1.5
	14-Dec-95	3.41	4	7.0	2,000	65.6	5.00	16.10	
	6-Mar-96	17.34	8	6.0	1,190	76.5	4.73	61.05	
	12-Jun-96	17.57	8	6.0	620	65.4	5.28	61.05	
	12-Sep-96	17.03	13	7.1	430	67.9	5.47	60.79	
	10-Dec-96	17.15	7	6.0	1,530	69.5	5.61	61.3	
	7-Apr-97	12.87	8	6.0	600	63.4	5.05	60.79	
	30-Jun-97	13.00	3	7.4	440	68.0	4.64	60.97	
MW-4	19-Sep-95	4	4	7.1	1,970	70.9	6.50	19.9	1.5
	15-Dec-95	4.47	5	6.0	2,350	65.8	5.36	19.9	
	6-Mar-96	4.31	5	NM	2,050	69.3	5.90	19.9	
	11-Jun-96	4.16	5	6.0	1,030	70.7	6.39	19.9	
	12-Sep-96	4.10	4.5	7.3	710	71.2	6.40	19.73	
	10-Dec-96	4.35	5	6.5	2,110	60.9	5.78	19.93	
	8-Apr-97	3.05	3	6.0	850	64.2	6.49	19.73	
	30-Jun-97	3.10	3.1	6.3	1,700	69.8	6.49	19.92	



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-5	30-Jun-97	1.81	1.8	5.6	2,100	69.8	6.84	14.71	1.5
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	
	30-Jun-97	2.90	2.9	6.7	1,700	71.6	3.57	16.21	
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	
	30-Jun-97	NM	NM	NM	NM	NM	NM	NM	
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	
	30-Jun-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-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	
	30-Jun-97	39.15	39	5.8	1,300	66.2	6.19	26.27	
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	
	30-Jun-97	36.31	24 (b)	6.2	1,220	71.6	6.66	14.95	
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	
	30-Jun-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-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	
	30-Jun-97	39.57	30 (b)	6.4	1,100	69.8	4.55	24.84	
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	
	30-Jun-97	38.77	38	6.4	1,400	68.0	4.55	24.43	
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	
	30-Jun-97	40.19	35 (b)	3.5	1,400	73.4	4.69	25.30	



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-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	
	30-Jun-97	69.62	69	7.6	500	69.8	5.08	40.78	
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	
	7-Apr-97	188.31	90	6.0	750	64.9	2.63	47.92	
	30-Jun-97	NM	NM	NM	NM	NM	NM	NM	

(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
	30-Jun-97	NM		--
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		--
	30-Jun-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
	30-Jun-97	4.64		11.46
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		--
	30-Jun-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-3C	19-Apr-95	6.19	16.21	10.02
	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		--
	30-Jun-97	NM		--
MW-4	19-Apr-95	6.52	14.29	7.77
	19-Sep-95	6.50		7.79
	14-Dec-95	5.36		8.93
	6-Mar-96	5.90		8.39
	11-Jun-96	6.39		7.90
	12-Sep-96	6.40		7.89
	9-Dec-96	5.78		8.51
	7-Apr-97	6.49		7.80
	30-Jun-97	6.49		7.80
MW-5	19-Apr-95	6.95	15.87	8.92
	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		--
	30-Jun-97	6.84		9.03
MW-6	19-Apr-95	3.55	9.24	5.69
	19-Sep-95	3.72		5.52
	14-Dec-95	3.01		6.23
	6-Mar-96	3.31		5.93
	11-Jun-96	5.34		3.90
	12-Sep-96	3.60		5.64
	9-Dec-96	3.19		6.05
	7-Apr-97	3.64		5.60
	30-Jun-97	3.57		5.67



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		--
	30-Jun-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		--
	30-Jun-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
	30-Jun-97	NM		--
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		--
	30-Jun-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
	30-Jun-97	NM		--
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
	30-Jun-97	6.19		9.85
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
	30-Jun-97	6.66		8.71
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
	30-Jun-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-15	19-Apr-95	7.94	17.26	9.32
	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		--
	30-Jun-97	NM		--
MW-16	19-Apr-95	4.57	12.08	7.51
	19-Sep-95	4.64		7.44
	14-Dec-95	4.28		7.80
	6-Mar-96	4.01		8.07
	11-Jun-96	4.50		7.58
	12-Sep-96	4.55		7.53
	9-Dec-96	3.98		8.10
	7-Apr-97	4.57		7.51
	30-Jun-97	4.55		7.53
MW-17	19-Apr-95	4.48	12.76	8.28
	19-Sep-95	4.78		7.98
	14-Dec-95	3.31		9.45
	6-Mar-96	3.75		9.01
	11-Jun-96	4.55		8.21
	12-Sep-96	4.61		8.15
	9-Dec-96	3.89		8.87
	7-Apr-97	4.71		8.05
	30-Jun-97	4.55		8.21
MW-18	19-Apr-95	4.79	13.57	8.78
	19-Sep-95	5.00		8.57
	14-Dec-95	3.48		10.09
	6-Mar-96	3.96		9.61
	11-Jun-96	4.86		8.71
	12-Sep-96	NM		--
	9-Dec-96	NM		--
	7-Apr-97	NM		--
	30-Jun-97	4.69		8.88



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		--
	30-Jun-97	5.08		8.28
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		--
	30-Jun-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
	30-Jun-97	NM		--
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		--
	30-Jun-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	24-Aug-77	200	NA
	15-Sep-81	ND(<1)	NA
	11-Oct-81	1	NA
	24-Nov-81	2.5	NA
	21-Dec-81	32	NA
	26-Feb-85	ND(<20)	ND(<20)
	15-Nov-91	ND(<50)	50
	20-Apr-95	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)
	30-Jun-97	NS	NS
MW-2	24-Aug-77	60	NA
	15-Sep-81	ND(<1)	NA
	11-Oct-81	4	NA
	24-Nov-81	1.1	NA
	21-Dec-81	2	NA
	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
	30-Jun-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)
MW-3A	24-Aug-77	50	NA
	15-Sep-81	ND (<1)	NA
	11-Oct-81	ND (<1)	NA
	24-Nov-81	230	NA
	21-Dec-81	14	NA
	26-Feb-85	770	80
	29-Oct-91	130	ND (<500)
	20-Apr-95	36	ND (<5.0)
	19-Sep-95	65	ND (<5.0)
	14-Dec-95	110	7.5
	8-Mar-96	92	ND (<5.0)
	11-Jun-96	51	ND (<5.0)
	13-Sep-96	ND(<10)	ND (<5.0)
	11-Dec-96	13 (d)	ND (<5.0)
	7-Apr-97	14	ND (<5.0)
	30-Jun-97	67	5.0
MW-3B (c)	24-Aug-77	60	NA
	15-Sep-81	ND (<1)	NA
	11-Oct-81	480	NA
	24-Nov-81	2,000	NA
	21-Dec-81	190	NA
	26-Feb-85	NA	NA
	29-Oct-91	110,000	100,000
	20-Apr-95	8,000	7,600
	22-Aug-95	13,000	12,000
	22-Aug-95	Begin weekly injection of 50 gallons of 100:1 solution into crossgradient Well MW-11.	
	19-Sep-95	NS	NS
	20-Oct-95	180	ND(<5.0)
	15-Dec-95	NS	NS
	22-Dec-95	Inject 150 gallons of inoculated 20:1 solution into crossgradient Well MW-11.	
	4-Jan-96	Inject 150 gallons of 20:1 solution into upgradient Well MW-11.	
	19-Jan-96	Inject 150 gallons of 20:1 solution into upgradient Well MW-11.	
	1-Feb-96	Inject 150 gallons of 20:1 solution into upgradient Well MW-11.	
	16-Feb-96	3,300	1,100
	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
	30-Jun-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)
MW-3C	24-Aug-77	18,000	NA
	15-Sep-81	30,000	NA
	11-Oct-81	28,000	NA
	24-Nov-81	22,000	NA
	21-Dec-81	17,000	NA
	26-Feb-85	7,250	6,300
	29-Oct-91	2,300	1,600
	20-Apr-95	1,400	ND (<5.0)
	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
30-Jun-97	NS	NS	
MW-4	24-Aug-77	90,000	67,000
	15-Sep-81	57,000	NA
	11-Oct-81	61,000	NA
	24-Nov-81	56,000	NA
	21-Dec-81	55,000	NA
	26-Feb-85	59,000	59,000
	1-Jun-91	17,000	17,800
	11-Oct-91	22,000	22,000
	28-Jul-94	NA	6,300
	21-Apr-95	16,000	17,000
	19-Sep-95	14,000	15,000
	15-Dec-95	16,000	16,000
	8-Mar-96	16,000	23,000
	11-Jun-96	5,400	9,100
	13-Sep-96	14,000	1,400
	11-Dec-96	17,000 (d)	47,000
	8-Apr-97	13,000	16,000
	30-Jun-97	200	ND(<50)



**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-5	24-Aug-77	360,000	295,000
	15-Sep-81	NA	NA
	11-Oct-81	880,000	2,240
	24-Nov-81	610,000	NA
	21-Dec-81	280,000	NA
	26-Feb-85	480,000	480,000
	1-Jun-91	390,000	NA
	11-Oct-91	260,000	250,000
	28-Jul-94	NA	454,000
	21-Apr-95	140,000	160,000
	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
	30-Jun-97	16,000	5,800
MW-6	15-Sep-81	630	NA
	11-Oct-81	80	NA
	24-Nov-81	790	NA
	21-Dec-81	630	NA
	26-Feb-85	3,330	3,300
	1-Jun-91	NA	NA
	11-Oct-91	31,000	25,000
	28-Jul-94	NA	4,800
	20-Apr-95	39,000	40,000
	19-Sep-95	45,000	43,000
	14-Dec-95	35,000	50,000
	8-Mar-96	42,000	50,000
	11-Jun-96	41,000	44,000
	13-Sep-96	46,000	44,000
	11-Dec-96	45,000 (d)	54,000
	8-Apr-97	45,000	48,000
30-Jun-97	44,000	43,000	



**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-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	
	30-Jun-97	Not Located	
MW-8	15-Sep-81	ND (<1)	NA
	11-Oct-81	2	NA
	24-Nov-81	3	NA
	21-Dec-81	70	NA
	26-Feb-85	ND (<20)	ND (<20)
	1-Jun-91	NA	NA
	11-Oct-91	ND (<50)	ND (<10)
	21-Apr-95	33	ND (<5.0)
	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
	30-Jun-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)
MW-9	15-Jan-81	258,000	185,000
	15-Sep-81	NA	NA
	11-Oct-81	NA	NA
	24-Nov-81	NA	NA
	21-Dec-81	NA	NA
	26-Feb-85	892,000	877,000
	1-Jun-91	NA	NA
	11-Oct-91	140,000	130,000
	21-Apr-95	66,000	70,000
	19-Sep-95	NS	NS
	15-Dec-95	NS	NS
	8-Mar-96	NS	NS
	11-Jun-96	NS	NS
	13-Sep-96	56,000	5,800
	11-Dec-96	NS	NS
	7-Apr-97	74,000	76,000
	30-Jun-97	NS	NS
MW-10 (c)	15-Jan-81	17,000	14,000
	15-Sep-81	NA	NA
	11-Oct-81	NA	NA
	24-Nov-81	NA	NA
	21-Dec-81	NA	NA
	26-Feb-85	746,000	740,000
	1-Jun-91	NA	NA
	11-Oct-91	490,000	450,000
	21-Apr-95	160,000	170,000
	21-Aug-95	Inject 25 gallons of 4:1 solution into upgradient Drivepoint DP-1.	
	22-Aug-95	150,000	150,000
	19-Sep-95	NS	NS
	20-Oct-95	78,000	86,000
	15-Dec-95	NS	NS
	22-Dec-95	Inject 115 gallons of inoculated 4:1 solution into upgradient Drivepoint DP-1.	
	16-Feb-96	16,000	23,000
	8-Mar-96	NS	NS
	14-Mar-96	Inject 100 gallons of inoculated 4:1 solution into upgradient Drivepoint DP-1.	
	9-May-96	11,000	ND(<50)
	11-Jun-96	NS	NS
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	8-Apr-97	6,500	ND(<5.0)
	30-Jun-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)
MW-11 (c)	14-Jan-81	129,000	115,000
	21-Jul-81	340	34
	15-Sep-81	NA	NA
	11-Oct-81	NA	NA
	24-Nov-81	NA	NA
	21-Dec-81	NA	NA
	26-Feb-85	2,440	2,410
	1-Jun-91	NA	NA
	11-Oct-91	470	410
	20-Apr-95	420	950
	22-Aug-95	360	220
	22-Aug-95	Begin weekly injection of 50 gallons of 100:1 solution.	
	19-Sep-95	NS	NS
	20-Oct-95	90	ND(<5.0)
	15-Dec-95	NS	NS
	22-Dec-95	Inject 150 gallons of inoculated 20:1 solution.	
	4-Jan-96	Inject 150 gallons of 20:1 solution.	
	19-Jan-96	Inject 150 gallons of 20:1 solution.	
	1-Feb-96	Inject 150 gallons of 20:1 solution.	
	16-Feb-96	430	ND(<5.0)
	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)
	30-Jun-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)
MW-12 (c)	14-Jan-81	32,000	12,000
	21-Jul-81	NA	NA
	15-Sep-81	NA	NA
	11-Oct-81	NA	NA
	24-Nov-81	NA	NA
	21-Dec-81	NA	NA
	26-Feb-85	240,000	240,000
	1-Jun-91	38,000	29,700
	11-Oct-91	44,000	39,000
	20-Apr-95	10,000	10,000
	19-Sep-95	18,000	19,000
	14-Dec-95	17,000	20,000
	22-Dec-95	Inject 330 gallons of inoculated 10:1 solution into upgradient Well OW-1.	
	16-Feb-96	16,000	1,300
	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
	7-Apr-97	2,000	690
	30-Jun-97	440	26
	MW-13	14-Jan-81	381,000
21-Jul-81		NA	NA
15-Sep-81		NA	NA
11-Oct-81		NA	NA
24-Nov-81		NA	NA
21-Dec-81		NA	NA
26-Feb-85		676,000	676,000
1-Jun-91		NA	NA
11-Oct-91		510,000	430,000
28-Jul-94		230,000	130,000
20-Apr-95		210,000	220,000
19-Sep-95		200,000	210,000
15-Dec-95		170,000	210,000
8-Mar-96		170,000	200,000
11-Jun-96		170,000	160,000
13-Sep-96		160,000	13,000
11-Dec-96		160,000 (d)	170,000
7-Apr-97		150,000	160,000
30-Jun-97		92,000	69,000



**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)
MW-14	26-Feb-85	654,000	632,000
	1-Jun-91	NA	
	11-Oct-91	320,000	310,000
	28-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
	8-Apr-97	93,000	100,000
	30-Jun-97	NS	NS
MW-15	26-Feb-85	ND (<20)	ND (<20)
	1-Jun-91	30	NA
	11-Oct-91	ND (<50)	ND (<10)
	28-Jul-94	NA	ND (<10)
	21-Apr-95	ND (<10)	ND (<5.0)
	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
	30-Jun-97	NS	NS
MW-16 (c)	26-Feb-85	460,000	460,000
	1-Jun-91	NA	NA
	11-Oct-91	240,000	290,000
	28-Jul-94	120,000	320,000
	20-Apr-95	100,000	100,000
	19-Sep-95	83,000	87,000
	14-Dec-95	57,000	74,000
	8-Mar-96	73,000	83,000
	11-Jun-96	67,000	20,000
	13-Sep-96	60,000	6,400
	11-Dec-96	65,000 (d)	73,000
	8-Apr-97	57,000	64,000
	30-Jun-97	67,000	57,000



**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-17	26-Feb-85	90,000	38,200
	1-Jun-91	NA	NA
	11-Oct-91	250,000	300,000
	28-Jul-94	190,000	200,000
	20-Apr-95	150,000	160,000
	19-Sep-95	170,000	180,000
	14-Dec-95	160,000	200,000
	8-Mar-96	140,000	150,000
	11-Jun-96	130,000	150,000
	13-Sep-96	130,000	12,000
	11-Dec-96	170,000 (d)	200,000
	8-Apr-97	160,000	160,000
	30-Jun-97	120,000	83,000
MW-18	26-Feb-85	60,500	55,000
	1-Jun-91	NA	NA
	11-Oct-91	31,000	24,000
	28-Jul-94	NA	NA
	22-Apr-95	24,000	23,000
	19-Sep-95	25,000	27,000
	14-Dec-95	20,000	22,000
	8-Mar-96	22,000	23,000
	11-Jun-96	19,000	17,000
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	7-Apr-97	NS	NS
	30-Jun-97	16,000	11,000
MW-18A	22-Jun-83	20	ND (<20)
	26-Feb-85	ND (<20)	ND (<20)
	11-Oct-91	ND (<50)	ND (<10)
	20-Apr-95	ND (<10)	ND (<5.0)
	19-Sep-95	ND (<10)	ND (<5.0)
	15-Dec-95	17	ND (<5.0)
	8-Mar-96	ND (<50)	ND (<5.0)
	11-Jun-96	38	ND (<0.0050)
	13-Sep-96	NS	NS
	11-Dec-96	NS	NS
	7-Apr-97	NS	NS
30-Jun-97	1,100	840	



**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-19	22-Jun-83	NA (<20)	NA (<20)
	26-Feb-85	20	20
	11-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	
	7-Apr-97	Not Located	
	30-Jun-97	Not Located	
MW-20	21-Jun-83	1,300	1,200
	11-Aug-83	90	40
	26-Feb-85	ND (<20)	ND (<20)
	11-Oct-91	ND (<50)	14
	21-Apr-95	ND (<10)	ND (<5.0)
	19-Sep-95	ND (<10)	ND (<5.0)
	15-Dec-95	22	ND (<5.0)
	8-Mar-96	22	ND (<5.0)
	11-Jun-96	96	ND (<0.0050)
	13-Sep-96	120	ND(5.0)
	11-Dec-96	NS	NS
	7-Apr-97	55	ND(<5.0)
30-Jun-97	NS	NS	
MW-21	21-Jun-83	20	ND (<20)
	26-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	
	7-Apr-97	Not Located	
30-Jun-97	Not Located		

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(<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(<0.50)	ND(<1.0)
30-Jun-97	Not Sampled as Part of Quarterly Monitoring Program												
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												
30-Jun-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)	
	30-Jun-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)
MW-3B (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										
	30-Jun-97	Not Sampled as Part of Quarterly Monitoring Program										
MW-3C	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										
30-Jun-97	Not Sampled as Part of Quarterly Monitoring Program											
MW-4	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)
	30-Jun-97	4,000	ND(<50)	ND(<50)	ND(<50)	ND(<50)	2,800	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										
30-Jun-97	190	14	ND(<5.0)	ND(<5.0)	20	32	8.2	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<10)
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)	
30-Jun-97	330	8.1	ND(<5.0)	51	11	47	ND(<5.0)	ND(<5.0)	8.9	ND(<5.0)	ND(<5.0)	12
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	---	---	---	---	---	---	---	---	---	---
30-Jun-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												
30-Jun-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	ND (<5)	
	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)	ND(<100)
	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)
30-Jun-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-10 (b)	12-Jun-85	5,100	81	ND(<50)	ND(<50)	ND(<50)	NR	ND(<50)	NR	NR	NR	ND(<50)	
	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)
	30-Jun-97	Not Sampled as Part of Quarterly Monitoring Program											
	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
30-Jun-97	Not Sampled as Part of Quarterly Monitoring Program												
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)	
	30-Jun-97	47	8.5	1.9	4.6	1.5	7.6	1.5	1.6	ND(<1.0)	ND(<1.0)	ND(<2.0)	



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)	
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)	
30-Jun-97	300	12	ND(<5.0)	ND(<5.0)	25	61	15	ND(<5.0)	ND(<5.0)	ND(<5.0)	30		
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)
30-Jun-97	Not Sampled as Part of Quarterly Monitoring Program												
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											
30-Jun-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-16 (b)	21-Mar-85	360	42	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)
	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)	
30-Jun-97	24,000	ND(<500)	ND(<500)	780	ND(<500)	4,100	ND(<500)	ND(<500)	ND(<500)	ND(<500)	ND(<1000)	
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 (<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 (<100)
	13-Sep-96	1,900	ND(<200)	ND(<200)	410	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 (<400)
8-Apr-97	350	ND(<200)	ND(<200)	ND(<200)	ND(<200)	ND(<200)	ND(<200)	ND(<200)	ND(<200)	ND(<200)	ND(<400)	
30-Jun-97	260	6.3	ND(<5.0)	20	11	27	ND(<5.0)	ND(<5.0)	28	16	ND(<10)	



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-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											
30-Jun-97	210	9.0	8.6	ND (<5.0)	12	21	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<10)	
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											
30-Jun-97	4.5	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	0.54	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<1.0)	
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	---	---	---	---	---	---	---	---	---	---	
	30-Jun-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-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)
	30-Jun-97	Not Sampled as Part of Quarterly Monitoring Program											
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	---	---	---	---	---	---	---	---	---	---	
	30-Jun-97	Not Located	---	---	---	---	---	---	---	---	---	---	
TB-LB	30-Jun-97	---	---	---	---	---	---	---	---	---	---	---	

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.



