

96 OCT 21 AM 8:48

October 2, 1996
Project No. RC0304.003

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

SUBJECT: Quarterly Groundwater Sampling Results, Electro-Coatings Facility at 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 ECI at the Electro-Coatings Inc. (ECI) site referenced above. The scope of work for the quarterly sampling was presented in the Geraghty & Miller letter dated August 27, 1996.

FIELD ACTIVITIES AND LABORATORY ANALYSIS

Monitoring Wells MW-3A, MW-4, MW-6, MW-12, MW-13, MW-16, and MW-17 were sampled on September 13, 1996 as part of the quarterly groundwater monitoring program. Monitoring Wells MW-1, MW-9, MW-11, MW-14, and MW-20 were sampled on September 13, 1996 to fulfill the semi-annual requirement. 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 2.90 feet below ground surface (Well MW-20) to 6.80 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 September 12 and 13, 1996, the direction of groundwater flow is toward the west, which is consistent with the previous sampling event (Geraghty & Miller, July 3, 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. In general, the highest concentrations of both total and hexavalent chromium were detected in wells to the west of the ECI building and in the wells in Horton Street. The highest concentrations of both total and hexavalent chromium were detected in Monitoring Wells MW-13 and MW-17, respectively. Both of these wells are on the ECI site. Decreasing concentrations were detected with increased distance downgradient of the ECI site in Wells MW-6 and MW-16. Of the 10 wells sampled as part of the quarterly sampling program, three (MW-3A, MW-18A, and MW-20) are deep wells. Hexavalent chromium was not detected in the water samples collected from these three deep wells. Total chromium was detected at 120 micrograms per liter ($\mu\text{g/L}$) in well MW-20 and was not detected in wells MW-18A and MW-3A.

Purgeable Halocarbon Results

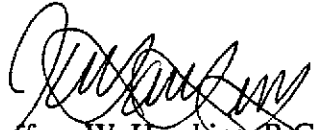
The historical and current analytical results for purgeable halocarbons are summarized in Table 4. Figure 3 presents the concentrations of trichloroethylene (TCE) and tetrachloroethylene (PCE) detected during the September 1996 sampling event. TCE, PCE, and cis- and trans-1,2-DCE were the most frequently 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 Wells MW-14 and MW-16, to the west of the ECI site. The concentration of TCE detected in the farthest downgradient well (Well MW-6) was approximately two orders of magnitude less than the concentrations detected in Well MW-16.



In addition to the groundwater analytical results presented in this report, a pilot test was performed during August 1995 thru February 1996 to evaluate potential groundwater remedial options. The pilot test was performed on Wells MW-3B, MW-10, MW-11, MW-12, and MW-16. There are additional groundwater analytical results that were collected during the pilot test and will be evaluated in the pilot test report.

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, R. 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, September 1996 – Total Chromium and Hexavalent Chromium
Figure 3	Groundwater Analytical Results, September 1996 – 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

Well	Date	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 (μ mhos/cm)	Temperature ($^{\circ}$ F)			
MW-1	13-Sep-96	59	45	6.0	570	64.4	6.15	28.91	4
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	
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	
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	
MW-9	13-Sep-96	40	40	7.0	700	64.3	6.71	21.98	4
MW-11	12-Sep-96	122	125	6.3	650	65.2	6.40	27.3	6



Table 1: Summary of Field Sampling Data
 Electro-Coatings, Inc.
 1401 and 1421 Park Avenue, Emeryville, California

Well	Date	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 (μ mhos/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	26.5	
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	
MW-14	12-Sep-96	48	15 (b)	6.0	820	65.8	6.74	25.25	4
MW-16	19-Sep-95	40	40	6.7	1,710	32.0	4.64	25.00	4
	14-Dec-95	54	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	



Table 1: Summary of Field Sampling Data

Electro-Coatings, Inc.

1401 and 1421 Park Avenue, Emeryville, California

Well	Date	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 (μ mhos/cm)	Temperature (°F)			
MW-17	19-Sep-95	39	40	6.8	2,410	72.1	4.78	24.5	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	
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	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	40.8	
	12-Sep-96	NM	NM	NM	NM	NM	NM	NM	NM
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	

Notes appear on the following page.

Project No. RC0304.003



Table 1: Summary of Field Sampling Data
 Electro-Coatings, Inc.
 1401 and 1421 Park Avenue, Emeryville, California

Well	Date	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 (μ mhos/cm)	Temperature (°F)			

- (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

Monitoring Well	Date Sampled	DTW (feet)	TOC (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
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		--
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
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		--
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		--



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

Monitoring Well	Date Sampled	DTW (feet)	TOC (feet - MSL)	Groundwater Elevation (feet - MSL)
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
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		--
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
MW-7	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		--
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		--



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

Monitoring Well	Date Sampled	DTW (feet)	TOC (feet - MSL)	Groundwater Elevation (feet - MSL)
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
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		--
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
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
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



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

Monitoring Well	Date Sampled	DTW (feet)	TOC (feet - MSL)	Groundwater Elevation (feet - MSL)
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
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		--
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
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
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		--



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

Monitoring Well	Date Sampled	DTW (feet)	TOC (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		--
	MW-19	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		--
MW-20		19-Apr-95	2.78	14.93
	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
	MW-21	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		--

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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (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)
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



**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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (b)
MW-3A	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)
	MW-3B (c)	Aug-77	60
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



**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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (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
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	



**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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (b)
MW-5	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
MW-6	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	4,400



**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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (b)
MW-7	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
MW-8	Sep-81	ND (<1)	NA
	Oct-81	2	NA
	Nov-81	3	NA
	Dec-81	70	NA
	Feb-85	ND (<20)	ND (<20)
	Jun-91	NA	NA
	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
	MW-9	Jan-81	258,000
Sep-81		NA	NA
Oct-81		NA	NA
Nov-81		NA	NA
Dec-81		NA	NA
Feb-85		892,000	877,000
Jun-91		NA	NA
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



**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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (b)
	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
MW-11	Jan-81	129,000	115,000
(c)	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



**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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (b)
MW-12 (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)
MW-13	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	



**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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (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
MW-15	Feb-85	ND (<20)	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
MW-16 (c)	Feb-85	460,000	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



**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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (b)
MW-17	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
MW-18	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
MW-18A	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



**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 ($\mu\text{g/L}$) (a)	Hexavalent Chromium ($\mu\text{g/L}$) (b)
MW-19	Jun-83	NA (<20)	NA (<20)
	Feb-85	20	20
	Oct-91	NA	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
MW-20	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)
MW-21	Jun-83	20	ND (<20)
	Feb-85	40	ND (<20)
	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

(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.

NA Not Analyzed

NS Not Sampled as part of the quarterly monitoring program.

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

$\mu\text{g/L}$ 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)	Chloro- benzene (µg/L) (a)	1,2-Dichloro- benzene (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)
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										
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)
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										



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	cis	1,1-DCA (µg/L) (a)	1,2-DCA (µg/L) (a)	Chloro- benzene (µg/L) (a)	1,2-Dichloro- benzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)
						1,2-DCE (µg/L) (a)	1,2-DCE (µg/L) (a)					
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										
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)
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										



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)	Chloro- benzene (µg/L) (a)	1,2-Dichloro- benzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)
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)
MW-7	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										
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										



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

Monitor Well	Date Sampled	TCE ($\mu\text{g/L}$) (a)	PCE ($\mu\text{g/L}$) (a)	TCA ($\mu\text{g/L}$) (a)	1,1-DCE ($\mu\text{g/L}$) (a)	trans 1,2-DCE ($\mu\text{g/L}$) (a)	cis 1,2-DCE ($\mu\text{g/L}$) (a)	1,1-DCA ($\mu\text{g/L}$) (a)	1,2-DCA ($\mu\text{g/L}$) (a)	Chloro- benzene ($\mu\text{g/L}$) (a)	1,2-Dichloro- benzene ($\mu\text{g/L}$) (a)	Vinyl Chloride ($\mu\text{g/L}$) (a)
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)
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											
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 (<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 ($\mu\text{g/L}$) (a)	PCE ($\mu\text{g/L}$) (a)	TCA ($\mu\text{g/L}$) (a)	1,1-DCE ($\mu\text{g/L}$) (a)	trans	cis	1,1-DCA ($\mu\text{g/L}$) (a)	1,2-DCA ($\mu\text{g/L}$) (a)	Chloro- benzene ($\mu\text{g/L}$) (a)	1,2-Dichloro- benzene ($\mu\text{g/L}$) (a)	Vinyl Chloride ($\mu\text{g/L}$) (a)
						1,2-DCE ($\mu\text{g/L}$) (a)	1,2-DCE ($\mu\text{g/L}$) (a)					
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)
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)
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)



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)	Chloro-benzene (µg/L) (a)	1,2-Dichloro-benzene (µg/L) (a)	Vinyl Chloride (µg/L) (a)
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										
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	2,299	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)
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)



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)	Chloro-benzene (µg/L) (a)	1,2-Dichloro-benzene (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											
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												
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 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											



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

Monitor Well	Date Sampled	TCE ($\mu\text{g/L}$) (a)	PCE ($\mu\text{g/L}$) (a)	TCA ($\mu\text{g/L}$) (a)	1,1-DCE ($\mu\text{g/L}$) (a)	trans	cis	1,1-DCA ($\mu\text{g/L}$) (a)	1,2-DCA ($\mu\text{g/L}$) (a)	Chloro- benzene ($\mu\text{g/L}$) (a)	1,2-Dichloro- benzene ($\mu\text{g/L}$) (a)	Vinyl Chloride ($\mu\text{g/L}$) (a)	
						1,2-DCE ($\mu\text{g/L}$) (a)	1,2-DCE ($\mu\text{g/L}$) (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)
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 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											
TB-LB	13-Sep-96	---	---	---	---	---	---	---	---	---	---	---	

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.


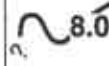
TB-LB Trip blank-laboratory blank.

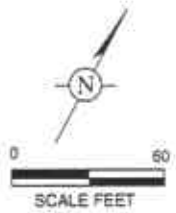
$\mu\text{g/L}$ Micrograms per liter.

--- Not sampled.

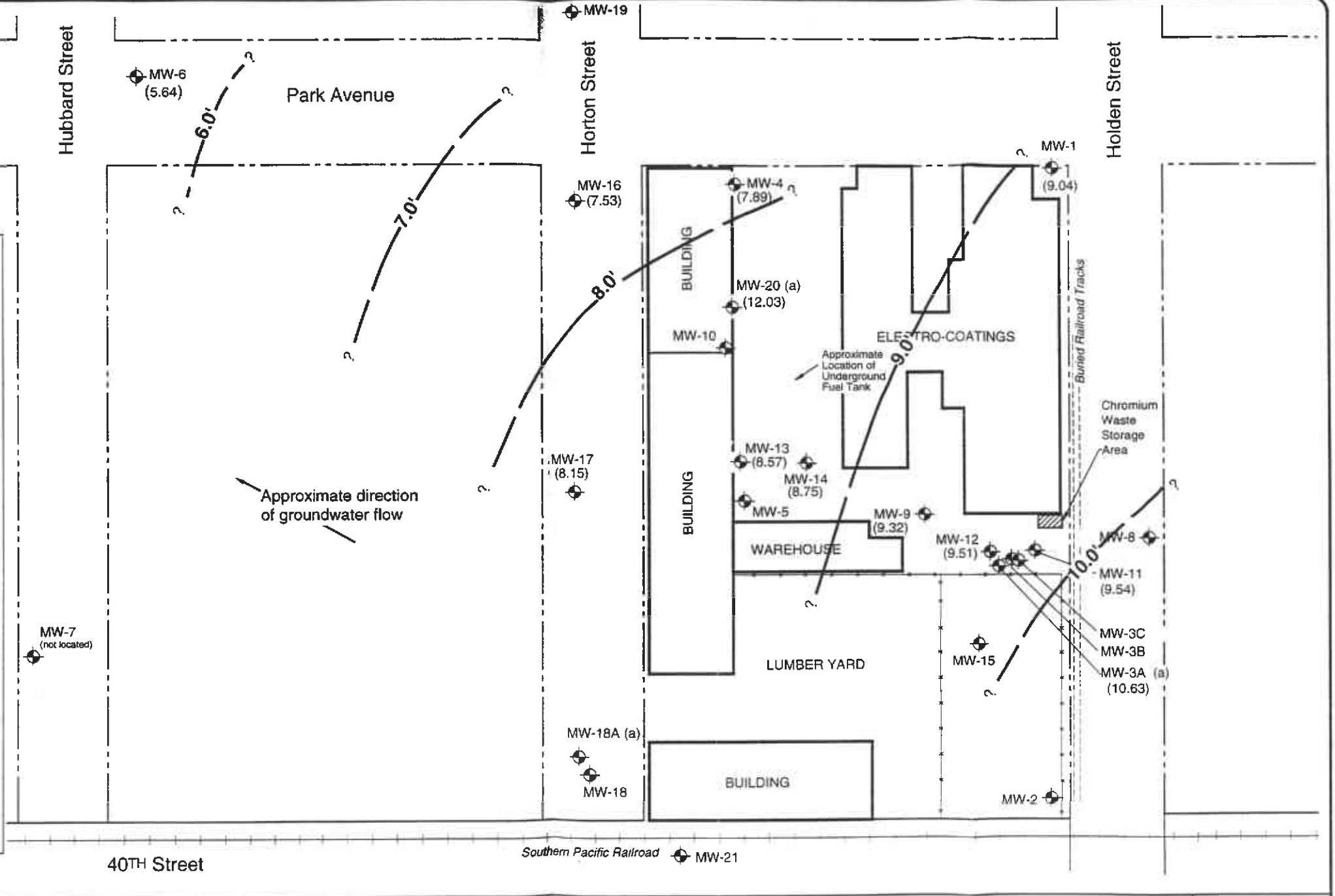


EXPLANATION

-  Monitor Well
-  8.0' Groundwater elevation contour (feet); dashed where inferred; queried where uncertain
- (7.44) Groundwater elevation (feet)
- (a) Deep well - not used for shallow groundwater contouring



SCALE FEET



EXPLANATION

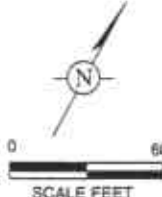
MW-1 Monitor Well

45,000 Total Chromium $\mu\text{g/L}$
43,000 Hexavalent Chromium $\mu\text{g/L}$

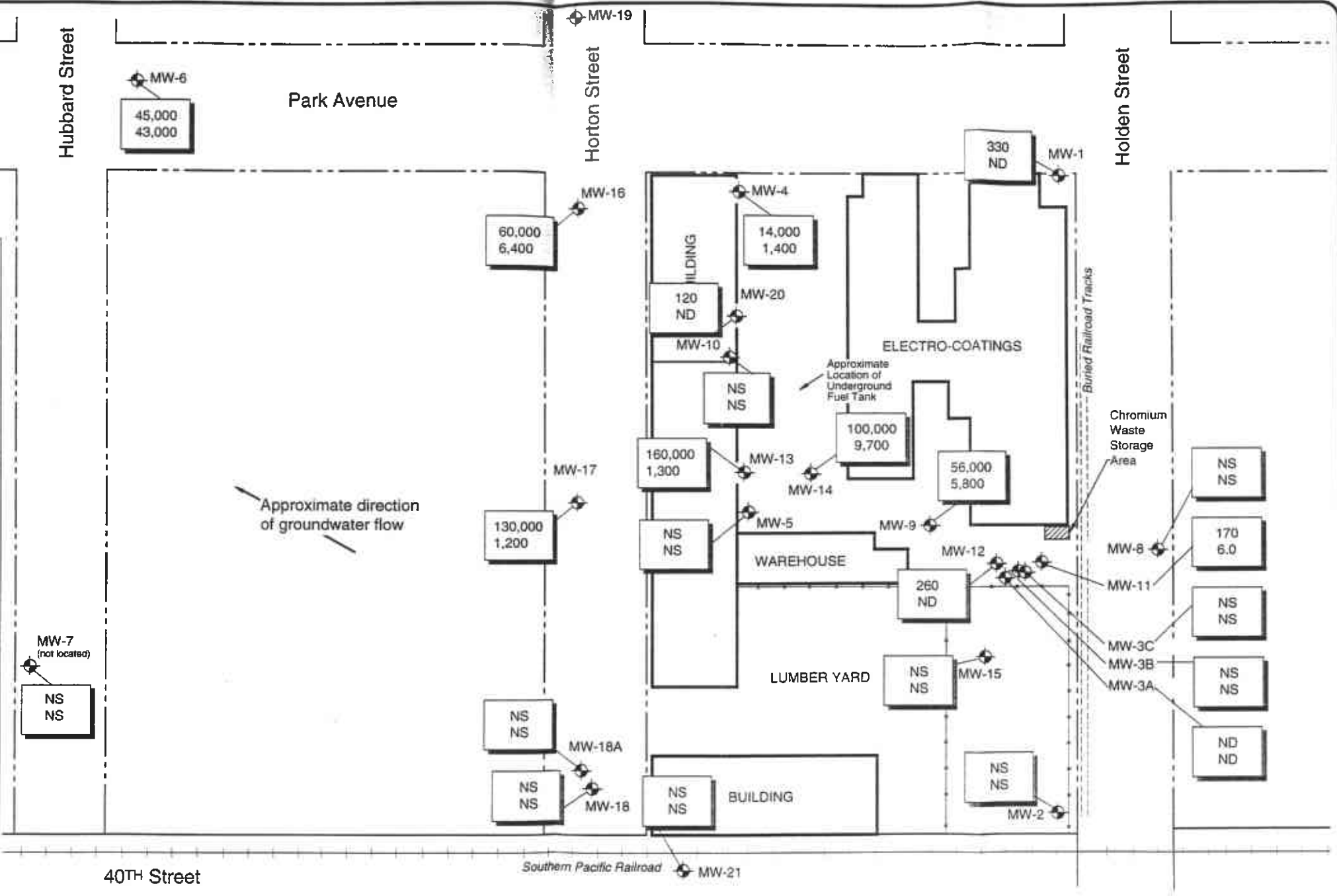
ND Not Detected—below laboratory detection limits

NS Not Sampled

MW-7 (not located) NS NS



SCALE FEET



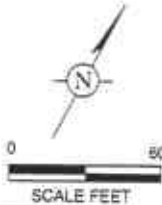
EXPLANATION

MW-1 Monitor Well

10 TCE measured in $\mu\text{g/L}$
210 PCE measured in $\mu\text{g/L}$

ND Not Detected—below laboratory detection limits

NS Not Sampled



SCALE FEET

