GERAGHTY & MILLER, INC.
Environmental Services

STD 1682

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May 18, 1995
Project No. RC0304.001

Ms. Susan Hugo
Alameda County Department of Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

(510) 567-6700

SUBJECT: Report of Groundwater Sampling Results, Electro-Coatings Facility at 1401 and 1421 Park Avenue, Emeryville, California.

Dear Ms. Hugo:

In accordance with instructions from Judy Garvens of Electro-Coatings, Inc., Geraghty & Miller is submitting the enclosed report directly to you to meet the submittal dates, as Ms. Garvens is currently out of the country. She will be returning next week.

If you have any questions, please do not hesitate to call me.

Sincerely,
GERAGHTY & MILLER, INC.

Jeffrey W. Hawkins, R.G.
Senior Geologist/Project Manager

Attachment: Groundwater Sampling Results Report

cc: Judy Garvens, Electro-Coatings Inc.

GERAGHTY
& MILLER, INC.
Environmental Services

A Heidemij company

May 17, 1995
Project No. RC0304.001

Ms. Judy Garvens
Administrative Manager
Electro-Coatings Inc.
P.O. Box 310
815 Marina Vista
Martinez, California 94553

SUBJECT: Groundwater Sampling Results, Electro-Coatings Facility at 1401 and 1421 Park Avenue, Emeryville, California.

Dear Ms. Garvens:

This letter presents the results of groundwater sampling activities performed on behalf of ECI and 1421 Park Avenue Associates at the Electro-Coatings Inc. (ECI) site referenced above. The scope of work for the groundwater sampling was presented in the Geraghty & Miller Investigation Work Plan dated February 13, 1995, as modified by subsequent discussions with Ms. Susan Hugo of the Alameda County Health Care Services Agency, Department of Environmental Health (ACDEH), and by the requests of the ACDEH for groundwater sampling, analysis, and reporting contained in its letter to ECI dated March 24, 1995. As discussed with Ms. Hugo at a meeting on January 20, 1995, and in the February 13 Geraghty & Miller work plan, the results of the groundwater sampling will be used to develop a remediation pilot test work plan.

FIELD ACTIVITIES AND LABORATORY ANALYSIS

On April 19 through 21, 1995, 19 existing monitoring wells previously installed by ECI were purged and sampled. Prior to purging, depth to water, total well depth, and dissolved oxygen 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. The analytical procedures performed on each sample are summarized in Table 3.

RESULTS

DEPTH TO WATER AND GROUNDWATER ELEVATIONS

Depth to water ranged from 2.78 feet below ground surface (Well MW-20) to 7.94 feet below ground surface (Well MW-15). A summary of depth to water and groundwater elevations is presented in Table 2. The groundwater elevations and a groundwater contour map are presented in Figure 1. Based on the depth to water data recorded on April 19, 1995, the direction of groundwater flow is toward the west, which is consistent with the previous sampling event (Entrix, October 28, 1994).

LABORATORY ANALYTICAL RESULTS

Chromium Results

The historical and current analytical results for total and hexavalent chromium are summarized in Table 4 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 Well MW-13, on the ECI site. Decreasing concentrations were detected with increased distance downgradient of the ECI site in Wells MW-6 and MW-16.

Purgeable Halocarbon Results

The historical and current analytical results for purgeable halocarbons are summarized in Table 5. Figure 3 presents the concentrations of trichloroethylene (TCE) and tetrachloroethylene (PCE) detected during the April 1995 sampling event. TCE, PCE, vinyl chloride, 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 Wells MW-10 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 Wells MW-10 and MW-16. TCE was the only halocarbon detected in downgradient Well MW-6.

Petroleum Hydrocarbon Results

1421 Park Avenue Associates has been requested to investigate the condition of two reported underground storage tanks (USTs) in the parking lot west of the 1421 Park Avenue

2 USTs found 3

building. Based on information provided by ECI, it is believed that at least one UST, beneath the paved area to the west of the ECI building, was historically used to store petroleum hydrocarbons. The current status of the tanks are not known, and tank-locating activities, designed to ascertain the status of the tank, are scheduled to be performed. The results of the tank-locating activities will be forwarded to ACDEH as part of a supplemental report.

In support of the UST investigation, water samples collected from Wells MW-4, MW-5, MW-8, MW-10, MW-15, and MW-16 were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX) and total petroleum hydrocarbons (fuel fingerprinting) (TPH). Due to an oversight, the sample from Well MW-15 was not analyzed for BTEX. TPH was detected only in the water sample collected from Well MW-15, upgradient of the reported location of the UST. BTEX was not detected in any of the samples, with the exception of benzene, which was detected in the sample collected from Well MW-16 (22 micrograms per liter [µg/L]).

Miscellaneous Analyses

As part of the data collection for evaluation of the remedial approach, selected water samples were analyzed for sulfides and sulfates, ammonia nitrates and nitrites, total dissolved solids, and reduction-oxidation potential. Copies of the laboratory analytical results for these analyses are included in Attachment 1. A summary of the results is presented in Table 6.

DISCUSSION OF RESULTS

CHROMIUM

The historical groundwater data presented in Table 4 compared to current data suggest an appreciable and continuing decrease in concentrations of both total and hexavalent chromium in the majority of the monitor wells sampled. The only exception is Monitor Well MW-6, located farthest downgradient from the ECI site. Based upon currently available data, it is not clear whether there are sources other than ECI contributing to the chromium concentrations detected in the samples collected from MW-6.

PURGEABLE HALOCARBONS

Detectable concentrations of purgeable halocarbons are observed, in general, to decrease over time (Table 5). TCE was the most frequently detected halocarbon. The highest concentrations of TCE were detected in Wells MW-10 and MW-16. The extent of TCE and DCE has not been defined, as evidenced by the detection of these compounds in Well MW-6,

the farthest downgradient well. It has not been determined whether there are sources of TCE and DCE other than the ECI site that may be contributing to the groundwater in the vicinity of MW-6.

PETROLEUM HYDROCARBONS

Benzene was detected only in the sample collected from MW-16. TPH was not detected in any of the wells downgradient of the UST. These data indicate that there has not been a significant release of petroleum hydrocarbons from the UST on the 1421 Park Avenue property.

FURTHER ACTIVITIES

The soil sampling described in Task 3 of the work plan dated February 13, 1995, as modified by the March 24, 1995 letter from the ACDEH, will be performed as soon as access to the designated areas becomes available. The sampling is scheduled to occur the week of May 22, 1995. When the results are available, an addendum to this report will be prepared. Geraghty & Miller is preparing a pilot-test work plan to evaluate the potential for bioprecipitation of hexavalent chromium as a remediation option for the affected groundwater.

With respect to the UST reportedly located in the parking lot at 1421 Park Avenue, a subsurface locating service will be contracted to investigate the area. If the tank and a fill line can be located, an attempt will be made to access the tank and determine whether it appears to have been abandoned in place. If the tank cannot be located or accessed, the need for additional work will be evaluated.

Geraghty & Miller appreciates the opportunity to be of service to Electro-Coatings. If you have any questions, please do not hesitate to call the undersigned at (510) 233-3200.

Sincerely,
GERAGHTY & MILLER, INC.

Jeffrey W. Hawkins, R.G.
Senior Geologist/Project Manager

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

Attachments:

	Table 1	Summary of Field Data
	Table 2	Summary of Groundwater Elevation Data
	Table 3	Summary of Laboratory Analytical Procedures
	Table 4	Summary of Groundwater Analytical Data – Total and Hexavalent Chromium
	Table 5	Summary of Groundwater Analytical Data – Purgeable Halocarbons
	Table 6	Summary of General Analyses
	Figure 1	Groundwater Contour Map
	Figure 2	Groundwater Analytical Results, April 1995 – Total Chromium and Hexavalent Chromium
	Figure 3	Groundwater Analytical Results, April 1995 – 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

Monitoring Well	Date Sampled	REDOX Potential (mv)	Dissolved Oxygen (mg/l)	Temp.	pH	SC (µS/cm)
MW-1		**Not Located**				
MW-2		**Not Located**				
MW-3A	20-Apr-95	-128	0.42	74.2	7	680
MW-3B	20-Apr-95	-53	0.32	74.4	6.5	2,130
MW-3C	20-Apr-95	-2	0.29	72.5	6	2,555
MW-4	21-Apr-95	-41	0.64	56.8	7	990
MW-5	21-Apr-95	74	0.9	59.9	6	1,210
MW-6	20-Apr-95	120	0.63	59.9	6	2,420
MW-7		**Not Located**				
MW-8	21-Apr-95	-73	0.44	53.5	7	1,160
MW-9	21-Apr-95	54	1.99	70.3	6	1,160
MW-10	21-Apr-95	No Reading	0.97	59.5	6	1,070
MW-11	20-Apr-95	-46	0.41	67.5	6	1,050
MW-12	20-Apr-95	9	0.51	68	5.5	1,270
MW-13	20-Apr-95	54	7.85	78	6	2,190
MW-14	21-Apr-95	28	3.88	66	6	1,350
MW-15	21-Apr-95	-49	0.5	60.2	7	1,870
MW-16	20-Apr-95	75	2.59	61.2	5.5	1,480
MW-17	20-Apr-95	90	1.37	58	6	1,560
MW-18	22-Apr-95	457	0.88	60	5	1,330
MW-18A	20-Apr-95	12	1.46	68.5	5.5	680
MW-19		**Not Located**				
MW-20	21-Apr-95	-70	2.50	60.8	6	530
MW-21		**Not Located**				

Notes:
mv = Millivolts
mg/L = milligrams per liter
Temp. = Temperature
SC = Specific Conductance
µS/cm = microsiemens per centimeter

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		
MW-2	19-Apr-95	Not Located		
MW-3A	19-Apr-95	4.87	16.1	11.23
MW-3B	19-Apr-95	6.76	16.3	9.54
MW-3C	19-Apr-95	6.19	16.21	10.02
MW-4	19-Apr-95	6.52	14.29	7.77
MW-5	19-Apr-95	6.95	15.87	8.92
MW-6	19-Apr-95	3.55	9.24	5.69
MW-7	19-Apr-95	Not Located		
MW-8	19-Apr-95	5.5	16.42	10.92
MW-9	19-Apr-95	6.67	16.03	9.36
MW-10	19-Apr-95	6.94	15.1	8.16
MW-11	19-Apr-95	6.38	15.94	9.56
MW-12	19-Apr-95	6.52	16.04	9.52
MW-13	19-Apr-95	6.75	15.37	8.62
MW-14	19-Apr-95	6.71	15.49	8.78
MW-15	19-Apr-95	7.94	17.26	9.32
MW-16	19-Apr-95	4.57	12.08	7.51
MW-17	19-Apr-95	4.48	12.76	8.28
MW-18	19-Apr-95	4.79	13.57	8.78
MW-18A	19-Apr-95	4.67	13.36	8.69
MW-19	19-Apr-95	Not Located		
MW-20	19-Apr-95	2.78	14.93	12.15
MW-21	19-Apr-95	Not Located		

Table 3: Summary of Laboratory Analytical Procedures
Electro-Coatings Inc.
1401 and 1421 Park Avenue, Emeryville, California

Monitoring Well	Date Sampled	Total and Hexavalent Chromium (a)	Purgeable Halocarbons (b)	Fuel Finger-print & BTEX (c)	Sulfides, Sulfates, Iron (d)	Ammonia Nitrates & Nitrites (e)	Total Dissolved Solids (f)	REDOX
MW-3A	20-Apr-95	X	X					
MW-3B	20-Apr-95	X	X		X	X		
MW-3C	20-Apr-95	X	X					
MW-4	21-Apr-95	X	X	X	X	X		X
MW-5	21-Apr-95	X	X	X				
MW-6	20-Apr-95	X	X				X	
MW-8	21-Apr-95	X	X	X			X	
MW-9	21-Apr-95	X	X		X	X		X
MW-10	21-Apr-95	X	X	X	X	X		X
MW-11	20-Apr-95	X	X					
MW-12	20-Apr-95	X	X					
MW-13	20-Apr-95	X	X		X	X		
MW-14	21-Apr-95	X	X		X	X	X	X
MW-15	21-Apr-95	X	X	X				
MW-16	20-Apr-95	X	X	X	X	X		
MW-17	20-Apr-95	X	X					
MW-18	22-Apr-95	X	X					
MW-18A	20-Apr-95	X	X					
MW-20	21-Apr-95	X	X					

Notes:
(a) Total Chromium (USEPA Method 200.7); Hexavalent chromium (USEPA Method 7196).
(b) Purgeable Halocarbons (USEPA Method 8010).
(c) Fuel Fingerprint (USEPA Method 8015, modified); BTEX (USEPA Method 8020).
(d) Sulfides (USEPA Method 9030); Sulfates (USEPA Method 300.0); Iron (USEPA Method 200.7).
(e) Ammonia (USEPA Method 350.3); Nitrate as NO3 (USEPA Method 300.0); Nitrite as NO2 (USEPA Method 300.0).
(f) Total Dissolved Solids (USEPA Method 160.1).

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

Monitor Well	Date Sampled	Total Chromium (µg/L) (a)	Hexavalent Chromium (µg/L) (b)
MW-1	Aug-77	200	NA
	Sep-81	ND(<1)	NA
	Oct-81	1	NA
	Nov-81	2.5	NA
	Dec-81	32	NA
	Feb-85	ND(<20)	ND(<20)
	Oct-91	ND(<50)	50
	20-Apr-95	**Not Located**	
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**	
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)**
MW-3B	Aug-77	60	NA
	Sep-81	ND (<1)	NA
	Oct-81	480	NA
	Nov-81	2,000	NA
	Dec-81	190	NA
	Feb-85	NA	NA
	Oct-91	110,000	100,000
	20-Apr-95	**8,000**	**7,600**
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)**

dup well 55-65ft

Table 4: 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-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**
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**
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**
MW-7	**20-Apr-95**	**Not Located**	
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)**

Table 4: 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	Jan-81	258,000	185,000
	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**
MW-10	Jan-81	17,000	14,000
	Sep-81	NA	NA
	Oct-81	NA	NA
	Nov-81	NA	NA
	Dec-81	NA	NA
	Feb-85	746,000	740,000
	Jun-91	NA	NA
	Oct-91	490,000	450,000
	21-Apr-95	**160,000**	**170,000**
MW-11	Jan-81	129,000	115,000
	Jul-81	340	34
	Sep-81	NA	NA
	Oct-81	NA	NA
	Nov-81	NA	NA
	Dec-81	NA	NA
	Feb-85	2,440	2,410
	Jun-91	NA	NA
	Oct-91	470	410
	20-Apr-95	**420**	**950**
MW-12	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**

Table 4: 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-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**
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**
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)**
MW-16	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**
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**
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**

Table 4: 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-18A	Jun-83	20	ND (<20)
pub well 35-150 ft	Feb-85	ND (<20)	ND (<20)
	Oct-91	ND (<50)	ND (<10)
	20-Apr-95	**ND (<10)**	**ND (<5.0)**
MW-19	Jun-83	NA (<20)	NA (<20)
	Feb-85	20	20
	Oct-91	NA	NA
	20-Apr-95	**Not Located**	
MW-20	Jun-83	1,300	1,200
dup well 32-50 ft	Aug-83	90	40
	Feb-85	ND (<20)	ND (<20)
	Oct-91	ND (<50)	14
	21-Apr-95	**ND (<10)**	**ND (<5.0)**
MW-21	Jun-83	20	ND (<20)
	Feb-85	40	ND (<20)
	20-Apr-95	**Not Located**	

(a) Analysis by USEPA Method 200.7.
(b) Analysis by USEPA Method 7196.

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

Table 5: **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		---	---	---	---	---	---	---	---	---
MW-2		Not Sampled		---	---	---	---	---	---	---	---	---
	20-Apr-95	Not Located		---	---	---	---	---	---	---	---	---
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)
MW-3B	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)
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
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)
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)
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)
MW-7	20-Apr-95	Not Located		---	---	---	---	---	---	---	---	---
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

Table 5: 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-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)**
MW-10	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)**
MW-11	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)**
MW-12	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)**
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**
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)**
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)**
MW-16	21-Mar-85	360	42	ND (<0.5)	ND (<0.5)	ND (<0.5)	NR	ND (<0.5)	NR	NR	NR	ND (<0.5)
	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**	**2400**	**28**	**ND (<10)**	**12**	**ND (<10)**	**300**

Table 5: 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-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)**
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)**
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)**
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**		---	---	---	---	---	---	---	---	---
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)**
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**		---	---	---	---	---	---	---	---	---

NR - Not Reported
NA - Not Analyzed

(a) Analysis by USEPA Method 601

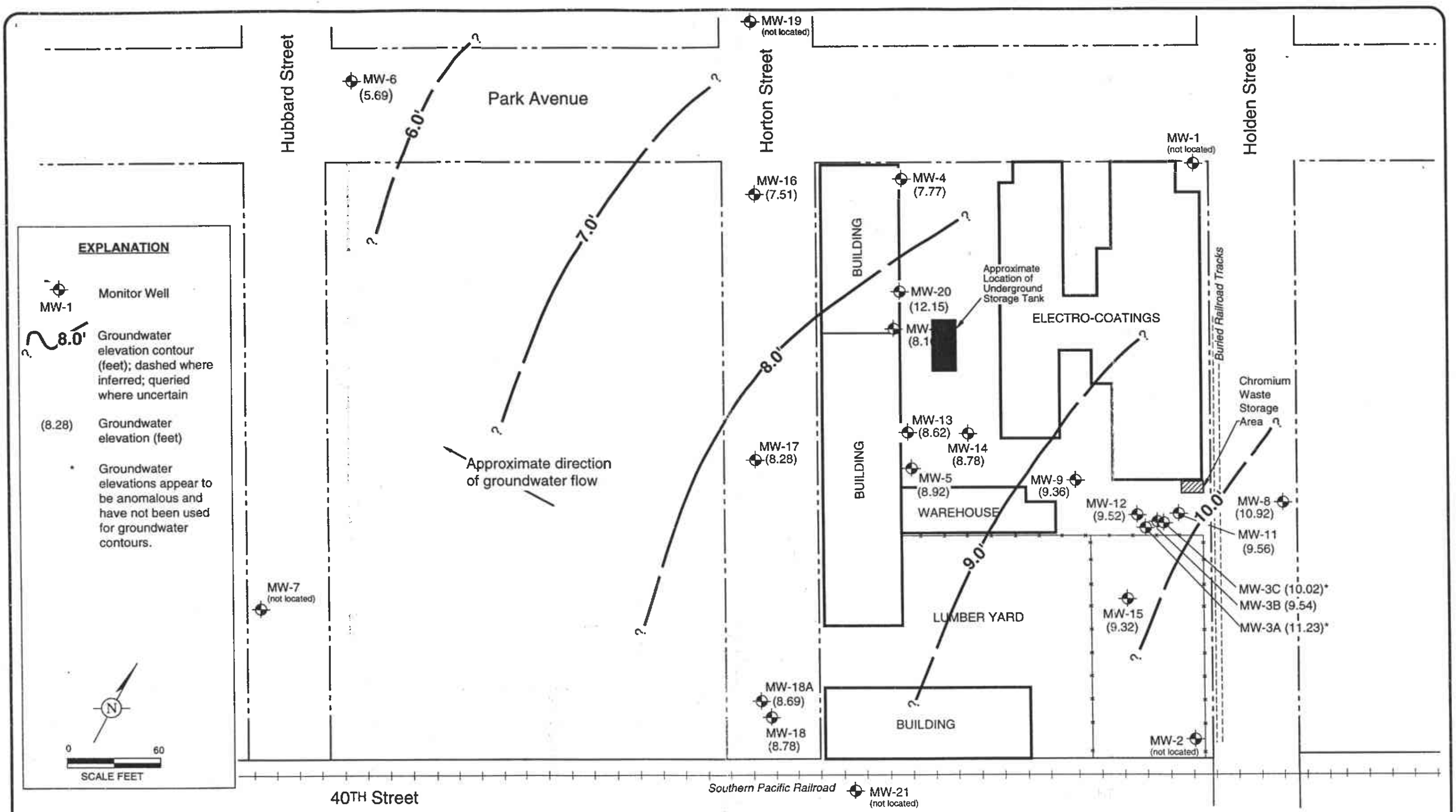
ND( ) Not detected; laboratory method detection limit in parentheses.
TB-LB Trip blank-laboratory blank.
µg/L Micrograms per liter.

Table 6: **Summary of General Analyses**
Electro-Coatings Inc.
1401 and 1421 Park Avenue, Emeryville, California

Monitoring Well	Date Sampled	Sulfate (mg/L)	Iron (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Nitrate as NO3 (mg/L)	Nitrite as NO2 (mg/L)	Ammonia as N (mg/L)	REDOX (mV)	TDS (mg/L)
MW-3B	20-Apr-95	260	1.2	---	---	---	4.1	ND(<0.1)	ND(<0.1)	---	---
MW-4	21-Apr-95	94	15	1.4	ND(<0.1)	ND(<0.1)				280	---
MW-6	20-Apr-95	---	---	---	---	---	---	---	---	---	1,600
MW-8	21-Apr-95	---	---	---	---	---	---	---	---	---	630
MW-9	21-Apr-95	160	0.37	ND(<0.1)	24	ND(<0.1)	---	---	---	290	---
MW-10	21-Apr-95	130	14	ND(<0.1)	50	5.4	---	---	---	300	---
MW-13	20-Apr-95	140	0.67	---	---	---	22	4.0	ND(<0.1)	---	---
MW-14	21-Apr-95	120	23	ND(<0.1)	21	3.8	---	---	---	290	840
MW-16	20-Apr-95	140	3.3	---	---	---	49	3.6	ND(<0.1)	---	---

Notes:

mV	Millivolts
mg/L	milligrams per liter

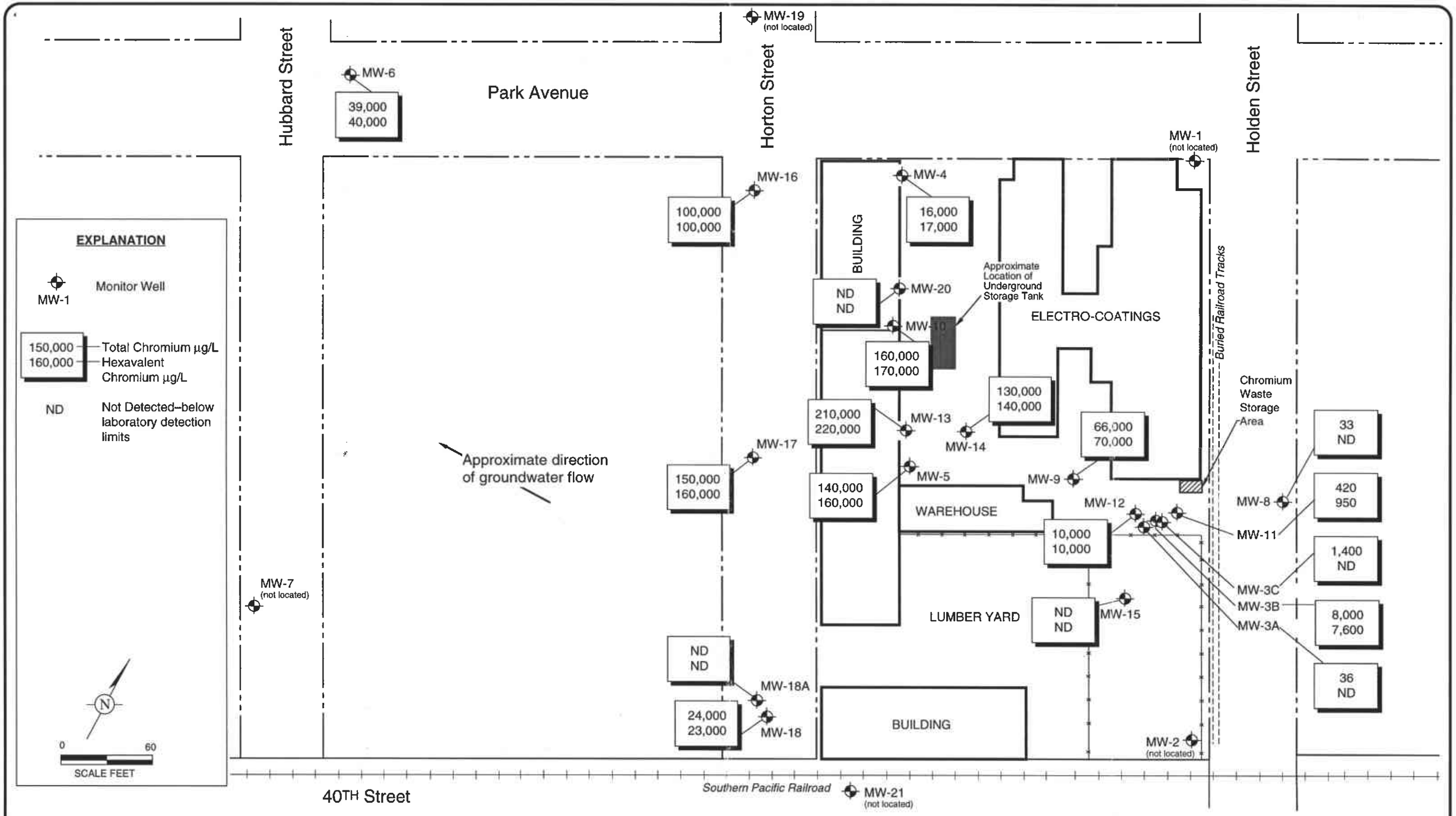


GERAGHTY & MILLER, INC.
Environmental Services
A Heidemij Company

Project No. RC0304.000

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

FIGURE
1



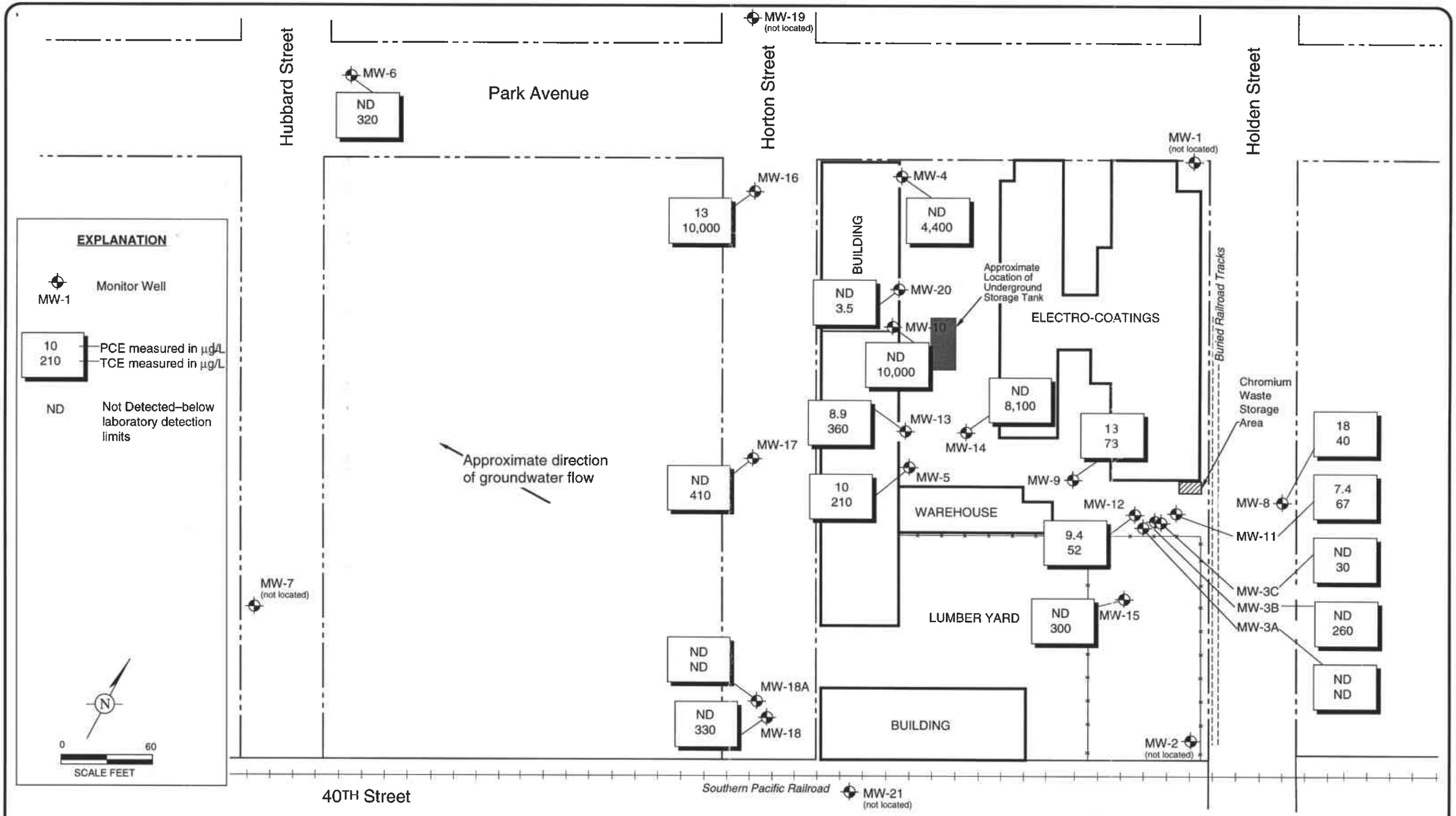
GERAGHTY & MILLER, INC.
Environmental Services
A **Heidemij** Company

Project No. RC0304.000

GROUNDWATER ANALYTICAL RESULTS—TOTAL CHROMIUM AND HEXAVALENT CHROMIUM—APRIL 1995

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

FIGURE
2



GERAGHTY & MILLER, INC.
Environmental Services
A **Heidemij** Company

Project No. RC0304.000

GROUNDWATER ANALYTICAL RESULTS—TCE and PCE—APRIL 1995
Electro-Coatings, Inc.
1401 and 1421 Park Avenue
Emeryville, California

FIGURE
3

ATTACHMENT 1

COPIES OF ANALYTICAL LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-16	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1-2, 1995
Attention: Jeff Hawkins	Lab Number:	504-1215	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	20	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	**10**	**12**
Chloroethane	20	N.D.
2-Chloroethylvinyl ether	20	N.D.
Chloroform	10	N.D.
Chloromethane	20	N.D.
Dibromochloromethane	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	**10**	**28**
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	**10**	**390**
cis-1,2-Dichloroethene	**100**	**2,400**
trans-1,2-Dichloroethene	**10**	**67**
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	100	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	**10**	**13**
1,1,1-Trichloroethane	**10**	**180**
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	**500**	**10,000**
Trichlorofluoromethane	10	N.D.
Vinyl chloride	**20**	**300**

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-6	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1216	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	20	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	10	N.D.
Chloroethane	20	N.D.
2-Chloroethylvinyl ether	20	N.D.
Chloroform	10	N.D.
Chloromethane	20	N.D.
Dibromochloromethane	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	**10**	**34**
cis-1,2-Dichloroethene	**10**	**55**
trans-1,2-Dichloroethene	10	N.D.
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	100	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	N.D.
1,1,1-Trichloroethane	10	N.D.
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	**10**	**320**
Trichlorofluoromethane	10	N.D.
Vinyl chloride	20	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-17	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1217	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	20	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	**10**	**31**
Chloroethane	20	N.D.
2-Chloroethylvinyl ether	20	N.D.
Chloroform	10	N.D.
Chloromethane	20	N.D.
Dibromochloromethane	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	**10**	**17**
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	**10**	**37**
cis-1,2-Dichloroethene	**10**	**42**
trans-1,2-Dichloroethene	**10**	**11**
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	100	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	N.D.
1,1,1-Trichloroethane	10	N.D.
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	**10**	**410**
Trichlorofluoromethane	10	N.D.
Vinyl chloride	20	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <3>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-18A	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1218	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

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

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-18	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1219	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	20	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	10	N.D.
Chloroethane	20	N.D.
2-Chloroethylvinyl ether	20	N.D.
Chloroform	10	N.D.
Chloromethane	20	N.D.
Dibromochloromethane	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	10	N.D.
cis-1,2-Dichloroethene	**10**	**35**
trans-1,2-Dichloroethene	**10**	**13**
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	100	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	N.D.
1,1,1-Trichloroethane	**10**	**16**
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	**10**	**330**
Trichlorofluoromethane	10	N.D.
Vinyl chloride	20	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-13	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: 4/28 - 5/1/95
Attention: Jeff Hawkins	Lab Number:	504-1220	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	**5.0**	**14**
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	**5.0**	**70**
trans-1,2-Dichloroethene	**5.0**	**16**
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	**5.0**	**8.9**
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	**20**	**360**
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	**10**	**20**

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-11	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1221	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	**5.0**	**6.2**
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	**5.0**	**7.4**
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	**5.0**	**67**
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-3A	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: Apr 28, 1995
Attention: Jeff Hawkins	Lab Number:	504-1222	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

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

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID: Electro-Coatings/#RC 0304-002	Sampled:	Apr 20, 1995
1050 Marina Way South	Sample Descript: Water, MW-3B	Received:	Apr 21, 1995
Richmond, CA 94804	Analysis Method: EPA 601	Analyzed:	May 1, 1995
Attention: Jeff Hawkins	Lab Number: 504-1223	Reported:	May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	20	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	10	N.D.
Chloroethane	20	N.D.
2-Chloroethylvinyl ether	20	N.D.
Chloroform	10	N.D.
Chloromethane	20	N.D.
Dibromochloromethane	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	10	N.D.
cis-1,2-Dichloroethene	10	17
trans-1,2-Dichloroethene	10	23
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	100	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	N.D.
1,1,1-Trichloroethane	10	N.D.
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	10	260
Trichlorofluoromethane	10	N.D.
Vinyl chloride	20	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-12	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1224	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	2.5	N.D.
Bromoform	2.5	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	2.5	N.D.
Chlorobenzene	2.5	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	2.5	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	2.5	N.D.
1,3-Dichlorobenzene	2.5	N.D.
1,4-Dichlorobenzene	2.5	N.D.
1,2-Dichlorobenzene	2.5	N.D.
1,1-Dichloroethane	2.5	N.D.
1,2-Dichloroethane	2.5	N.D.
1,1-Dichloroethene	**2.5**	**9.0**
cis-1,2-Dichloroethene	**2.5**	**5.0**
trans-1,2-Dichloroethene	2.5	N.D.
1,2-Dichloropropane	2.5	N.D.
cis-1,3-Dichloropropene	2.5	N.D.
trans-1,3-Dichloropropene	2.5	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	2.5	N.D.
Tetrachloroethene	**2.5**	**9.4**
1,1,1-Trichloroethane	**2.5**	**3.9**
1,1,2-Trichloroethane	2.5	N.D.
Trichloroethene	**2.5**	**52**
Trichlorofluoromethane	2.5	N.D.
Vinyl chloride	5.0	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <10>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-3C	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1225	Reported: May 4, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	**0.50**	**2.0**
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	**0.50**	**1.6**
cis-1,2-Dichloroethene	**0.50**	**11**
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	**0.50**	**0.66**
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	**0.50**	**30**
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	**1.0**	**2.2**

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <11>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-16	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 602	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1215	Reported: May 4, 1995

PURGEABLE AROMATICS (EPA 602)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	10	22
Chlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	10	N.D.
Ethyl Benzene	10	N.D.
Toluene	10	N.D.
Total Xylenes	10	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <12>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Matrix:	Water	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 3510/3520/8015	Reported: May 5, 1995
Attention: Jeff Hawkins	First Sample #:	504-1215	

FUEL FINGERPRINT

Analyte	Reporting Limit µg/L	Sample I.D. 504-1215 MW-16
Extractable Hydrocarbons	50	N.D.
Chromatogram Pattern:		--

Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Extracted:	4/25/95
Date Analyzed:	4/26/95
Instrument Identification:	HP-3B

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <13>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water	Received: Apr 21, 1995
Richmond, CA 94804	Analysis for:	Total Chromium	Extracted: May 1, 1995
Attention: Jeff Hawkins	First Sample #:	504-1215	Analyzed: May 4, 1995
			Reported: May 5, 1995

LABORATORY ANALYSIS FOR: Total Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
504-1215	MW-16	0.010	100
504-1216	MW-6	0.010	39
504-1217	MW-17	0.010	150
504-1218	MW-18A	0.010	N.D.
504-1219	MW-18	0.010	24
504-1220	MW-13	0.010	210
504-1221	MW-11	0.010	0.42
504-1222	MW-3A	0.010	0.036
504-1223	MW-3B	0.010	8.0
504-1224	MW-12	0.010	10
504-1225	MW-3C	0.010	1.4

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <14>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water	Received: Apr 21, 1995
Richmond, CA 94804	Analysis for:	Hexavalent Chromium	
Attention: Jeff Hawkins	First Sample #:	504-1215	Analyzed: Apr 21, 1995
			Reported: May 4, 1995

LABORATORY ANALYSIS FOR: Hexavalent Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
504-1215	MW-16	2.0	100
504-1216	MW-6	1.0	40
504-1217	MW-17	2.0	160
504-1218	MW-18A	0.0050	N.D.
504-1219	MW-18	1.0	23
504-1220	MW-13	2.0	220
504-1221	MW-11	0.0050	0.95
504-1222	MW-3A	0.0050	N.D.
504-1223	MW-3B	0.050	7.6
504-1224	MW-12	1.0	10
504-1225	MW-3C	0.0050	N.D.

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

5041215.GER <15>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-6	Received: Apr 21, 1995
Richmond, CA 94804			Analyzed: May 4, 1995
Attention: Jeff Hawkins	Lab Number:	504-1216	Reported: May 5, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Total Dissolved Solids	1.0	1,600

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <16>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-16	Received: Apr 21, 1995
Richmond, CA 94804			Analyzed: May 3-7, 1995
Attention: Jeff Hawkins	Lab Number:	504-1215	Reported: May 8, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Iron	0.010	3.3
Sulfate	0.10	140
Total Sulfides	10	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <17>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID: Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript: Water, MW-13	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: May 3-7, 1995
Attention: Jeff Hawkins	Lab Number: 504-1220	Reported: May 8, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Iron	0.010	0.67
Sulfate	0.10	140
Total Sulfides	10	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <18>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript:	Water, MW-3B	Received: Apr 21, 1995
Richmond, CA 94804			Analyzed: May 3-7, 1995
Attention: Jeff Hawkins	Lab Number:	504-1223	Reported: May 8, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Iron	0.010	1.2
Sulfate	0.10	260
Total Sulfides	10	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041215.GER <19>

Sequoia Analytical

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Geraghty & Miller, Inc.	Client Project ID: Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript: Water, MW-16	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: Apr 22-26, 1995
Attention: Jeff Hawkins	Lab Number: 504-1215	Reported: May 4, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Nitrate as NO3	0.10	49
Nitrite as NO2	0.10	3.6
Ammonia as N	0.10	N.D.

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

5041215.GER <20>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID: Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript: Water, MW-13	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: Apr 22-26, 1995
Attention: Jeff Hawkins	Lab Number: 504-1220	Reported: May 4, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Nitrate as NO3	**0.10**	**22**
Nitrite as NO2	**0.10**	**4.0**
Ammonia as N	0.10	N.D.

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

5041215.GER <21>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Geraghty & Miller, Inc.	Client Project ID: Electro-Coatings/#RC 0304-002	Sampled: Apr 20, 1995
1050 Marina Way South	Sample Descript: Water, MW-3B	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: Apr 22-26, 1995
Attention: Jeff Hawkins	Lab Number: 504-1223	Reported: May 4, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Nitrate as NO3	0.10	4.1
Nitrite as NO2	0.10	N.D.
Ammonia as N	0.10	N.D.

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

5041215.GER <22>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: Electro-Coatings/#RC 0304-002
Matrix: Liquid
QC Sample Group: 5041215-25

Reported: May 9, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Diesel	Chromium	Iron	Sulfate	Total Dissolved Solids	Total Sulfide
Method:	EPA 8015 M	EPA 200.7	EPA 200.7	EPA 300.0	EPA 160.1	EPA 9030
Analyst:	J. Dinsay	K.A./L.H.	K.A./L.H.	K.A./R.S.	K.A./R.S.	R.S./K.A.
MS/MSD Batch#:	BLK042595	5041218	5041218	5041215	5050148	5050148
Date Prepared:	4/25/95	5/1/95	5/1/95	5/3/95	5/4/95	5/8/95
Date Analyzed:	4/26/95	5/4/95	5/4/95	5/3/95	5/4/95	5/8/95
Instrument I.D.#:	HP-3B	Liberty-100	Liberty-100	DX-100	Mettler AE-200	Titration
Conc. Spiked:	300 µg/L	1.0 mg/L	1.0 mg/L	1,000 mg/L	1,000 mg/L	100 mg/L
Matrix Spike % Recovery:	97	106	116	91	98	79
Matrix Spike Duplicate % Recovery:	95	107	116	92	98	79
Relative % Difference:	2.1	0.94	0.0	1.1	0.0	0.0
LCS Batch#:	BLK042595	BLK050195	BLK050195	300.0KMA05-F	160.1 RS05-E	9030 RS05-A-1
Date Prepared:	4/25/95	5/1/95	5/1/95	5/2/95	5/4/95	5/8/95
Date Analyzed:	4/26/95	5/4/95	5/4/95	5/3/95	5/4/95	5/8/95
Instrument I.D.#:	HP-3B	Liberty-100	Liberty-100	DX-100	Mettler AE-200	Titration
LCS % Recovery:	97	107	112	97	95	79
% Recovery Control Limits:	28-122	75-125	75-125	80-120	70-130	70-130

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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

Sequoia Analytical

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

Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: Electro-Coatings/#RC 0304-002
Matrix: Liquid
QC Sample Group: 5041215-25
Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Benzene	Toluene	Chloro-benzene
Method:	EPA 601	EPA 601	EPA 601	EPA 602	EPA 602	EPA 602
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD Batch#:	5041394	5041394	5041394	5041394	5041394	5041394
Date Prepared:	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Date Analyzed:	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L
Matrix Spike % Recovery:	81	95	88	134	111	91
Matrix Spike Duplicate % Recovery:	74	91	87	133	109	90
Relative % Difference:	9.0	4.3	1.1	0.74	1.8	1.1
LCS Batch#:	LCS042895	LCS042895	LCS042895	LCS042895	LCS042895	LCS042895
Date Prepared:	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Date Analyzed:	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
LCS % Recovery:	70	84	81	123	97	83
% Recovery Control Limits:	28-167	35-146	38-150	39-150	46-148	55-135

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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

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Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: Electro-Coatings/#RC 0304-002
Matrix: Liquid
QC Sample Group: 5041215-25

Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Benzene	Toluene	Chloro-benzene
Method:	EPA 601	EPA 601	EPA 601	EPA 602	EPA 602	EPA 602
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD Batch#:	5041355	5041355	5041355	5041355	5041355	5041355
Date Prepared:	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Date Analyzed:	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Instrument I.D.#:	HP5890/7	HP5890/7	HP5890/7	HP5890/7	HP5890/7	HP5890/7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L
Matrix Spike % Recovery:	85	85	101	126	106	107
Matrix Spike Duplicate % Recovery:	99	99	105	150	115	109
Relative % Difference:	15	15	3.9	17	8.1	1.9
LCS Batch#:	LCS042895	LCS042895	LCS042895	LCS042895	LCS042895	LCS042895
Date Prepared:	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Date Analyzed:	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Instrument I.D.#:	HP5890/7	HP5890/7	HP5890/7	HP5890/7	HP5890/7	HP5890/7
LCS % Recovery:	94	96	94	140	105	103
% Recovery Control Limits:	28-167	35-146	38-150	39-150	46-148	55-135

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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

Sequoia Analytical

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Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: Electro-Coatings/#RC 0304-002
Matrix: Liquid
QC Sample Group: 5041215-25
Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Benzene	Toluene	Chloro-benzene
Method:	EPA 601	EPA 601	EPA 601	EPA 602	EPA 602	EPA 602
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD Batch#:	5041456	5041456	5041456	5041456	5041456	5041456
Date Prepared:	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95
Date Analyzed:	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L
Matrix Spike % Recovery:	86	93	87	134	112	92
Matrix Spike Duplicate % Recovery:	86	93	87	131	110	90
Relative % Difference:	0.0	0.0	0.0	2.3	1.8	2.2
LCS Batch#:	LCS050195	LCS050195	LCS050195	LCS050195	LCS050195	LCS050195
Date Prepared:	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95
Date Analyzed:	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
LCS % Recovery:	78	94	84	132	105	86
% Recovery Control Limits:	28-167	35-146	38-150	39-150	46-148	55-135

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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

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Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: Electro-Coatings/#RC 0304-002
Matrix: Liquid
QC Sample Group: 5041215-25
Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 601	EPA 601	EPA 601
Analyst:	K. Nill	K. Nill	K. Nill
MS/MSD Batch#:	5041224	5041224	5041224
Date Prepared:	5/1/95	5/1/95	5/1/95
Date Analyzed:	5/1/95	5/1/95	5/1/95
Instrument I.D.#:	HP5890/7	HP5890/7	HP5890/7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L
Matrix Spike % Recovery:	99	136	99
Matrix Spike Duplicate % Recovery:	98	132	96
Relative % Difference:	1.0	3.0	3.1
LCS Batch#:	LCS050195	LCS050195	LCS050195
Date Prepared:	5/1/95	5/1/95	5/1/95
Date Analyzed:	5/1/95	5/1/95	5/1/95
Instrument I.D.#:	HP5890/7	HP5890/7	HP5890/7
LCS % Recovery:	81	90	94
% Recovery Control Limits:	28-167	35-146	38-150

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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

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Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: Electro-Coatings/#RC 0304-002
Matrix: Liquid
QC Sample Group: 5041215-25

Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Ammonia	Nitrite as NO2	Nitrate as NO3	Hexavalent Chromium
Method:	EPA 350.3	EPA 300.0	EPA 300.0	EPA 7196
Analyst:	Y. Arteaga	C. Buisan	C. Buisan	D. Lawrence
MS/MSD Batch#:	9504E1909	9504E19-01	9504E19-01	9504D76-01
Date Prepared:	4/26/95	4/22/95	4/22/95	4/21/95
Date Analyzed:	4/26/95	4/22/95	4/22/95	4/21/95
Instrument I.D.#:	Manual	INIC-1	INIC-1	Manual
Conc. Spiked:	20 mg/L	10 mg/L	10 mg/L	0.50 mg/L
Matrix Spike % Recovery:	90	94	90	104
Matrix Spike Duplicate % Recovery:	95	94	90	104
Relative % Difference:	5.4	0.0	0.0	0.0
LCS Batch#:	LCS042695	-	-	-
Date Prepared:	4/26/95	-	-	-
Date Analyzed:	4/26/95	-	-	-
Instrument I.D.#:	Manual	-	-	-
LCS % Recovery:	88	-	-	-
% Recovery Control Limits:	80-120	90-110	90-110	80-120

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

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

GERAGHTY & MILLER, INC.
Environmental Services

Laboratory Task Order No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number RC 0504-002

Project Location Electro-Coatings

Laboratory Sequoia Analytical

Sampler(s)/Affiliation Geraghty & Miller
G Crowley

SAMPLE IDENTITY	Code	Date/Time Sampled	Lab ID	TPH Fuel Organic Lead	Carbon EDB	Hexavalent Chromium	Total Chromium	Fuel Fingerprint	602	601	Sulfides, Sulfates, Total Iron	Ammonia Nitrates Nitrites	TDS	TOTAL	
1215 mw-16	L	4/20 8:45	215	A-B		X	X	X	X	X	X	X		9 4	A-J
1216 mw-6	L	4/20 9:45	216	A-E		X	X			X		[illegible]	X	6 3	A-E
1217 mw-17	L	4/20 10:40	217			X	X			X		[illegible]		5 2	A-E
1218 mw-18A	L	4/20 11:40	218			X	X			X		[illegible]		5 2	A-E
1219 mw-18	L	4/20 11:45	219			X	X			X		[illegible]		5 2	A-E
1220 mw-13	L	4/20 2:20	220			X	X			X	X	X		6 3	A-G
1221 mw-11	L	4/20 2:00	221			X	X			X				4 1	A-D
1222 mw-3A	L	4/20 3:00	222			X	X			X				4 1	A-D
1223 mw-3B	L	4/20 2:40	223			X	X			X	X	X		6 3	A-G
1224 mw-12	L	4/20 3:30	224			X	X			X				4 1	A-D
1225 mw-3C	L	4/20 2:50	225			X	X			X				4 1	A-D

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

Total No. of Bottles/ Containers: 58

					Seal Intact?
Relinquished by: [signature]	Organization: Geraghty & Miller	Date 4/21/1	Time 11:32		
Received by: [signature] 4/21 11:32	Organization:	Date 4/21/1	Time 11:32		(Yes) No N/A
Relinquished by: [signature]	Organization:	Date 4/21/1	Time 5:15		Seal Intact?
Received by: [signature]	Organization: Sequoia	Date 4/21/95	Time 5:15		Yes No N/A

Special Instructions/Remarks: _____

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

Sequoia Analytical

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Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled:	Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-15	Received:	Apr 21, 1995
Richmond, CA 94804	Analysis Method: EPA 601	Analyzed:	May 1, 1995
Attention: Jeff Hawkins	Lab Number: 504-1306	Reported:	May 3, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	20	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	10	N.D.
Chloroethane	20	N.D.
2-Chloroethylvinyl ether	20	N.D.
Chloroform	10	N.D.
Chloromethane	20	N.D.
Dibromochloromethane	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	10	N.D.
cis-1,2-Dichloroethene	**10**	**88**
trans-1,2-Dichloroethene	**10**	**130**
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	100	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	N.D.
1,1,1-Trichloroethane	10	N.D.
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	**10**	**300**
Trichlorofluoromethane	10	N.D.
Vinyl chloride	20	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water, MW-8	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1307	Reported: May 3, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	2.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethylvinyl ether	2.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	**1.0**	**1.2**
1,2-Dichloroethane	**1.0**	**5.6**
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	**10**	**46**
trans-1,2-Dichloroethene	**1.0**	**6.7**
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	**10**	**18**
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	**1.0**	**40**
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	**2.0**	**16**

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

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Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water, MW-4	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1-2, 1995
Attention: Jeff Hawkins	Lab Number:	504-1308	Reported: May 3, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	50	N.D.
Bromoform	50	N.D.
Bromomethane	100	N.D.
Carbon tetrachloride	50	N.D.
Chlorobenzene	50	N.D.
Chloroethane	100	N.D.
2-Chloroethylvinyl ether	100	N.D.
Chloroform	50	N.D.
Chloromethane	100	N.D.
Dibromochloromethane	50	N.D.
1,3-Dichlorobenzene	50	N.D.
1,4-Dichlorobenzene	50	N.D.
1,2-Dichlorobenzene	50	N.D.
1,1-Dichloroethane	50	N.D.
1,2-Dichloroethane	50	N.D.
1,1-Dichloroethene	50	N.D.
cis-1,2-Dichloroethene	**50**	**430**
trans-1,2-Dichloroethene	50	N.D.
1,2-Dichloropropane	50	N.D.
cis-1,3-Dichloropropene	50	N.D.
trans-1,3-Dichloropropene	50	N.D.
Methylene chloride	500	N.D.
1,1,2,2-Tetrachloroethane	50	N.D.
Tetrachloroethene	50	N.D.
1,1,1-Trichloroethane	50	N.D.
1,1,2-Trichloroethane	50	N.D.
Trichloroethene	**200**	**4,400**
Trichlorofluoromethane	50	N.D.
Vinyl chloride	100	N.D.

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

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Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water, MW-20	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 2, 1995
Attention: Jeff Hawkins	Lab Number:	504-1309	Reported: May 3, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	3.5
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled:	Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-10	Received:	Apr 21, 1995
Richmond, CA 94804	Analysis Method: EPA 601	Analyzed:	May 2, 1995
Attention: Jeff Hawkins	Lab Number: 504-1310	Reported:	May 3, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	100	N.D.
Bromoform	100	N.D.
Bromomethane	200	N.D.
Carbon tetrachloride	100	N.D.
Chlorobenzene	100	N.D.
Chloroethane	200	N.D.
2-Chloroethylvinyl ether	200	N.D.
Chloroform	100	N.D.
Chloromethane	200	N.D.
Dibromochloromethane	100	N.D.
1,3-Dichlorobenzene	100	N.D.
1,4-Dichlorobenzene	100	N.D.
1,2-Dichlorobenzene	100	N.D.
1,1-Dichloroethane	100	N.D.
1,2-Dichloroethane	100	N.D.
1,1-Dichloroethene	**100**	**1,200**
cis-1,2-Dichloroethene	**100**	**900**
trans-1,2-Dichloroethene	100	N.D.
1,2-Dichloropropane	100	N.D.
cis-1,3-Dichloropropene	100	N.D.
trans-1,3-Dichloropropene	100	N.D.
Methylene chloride	1,000	N.D.
1,1,2,2-Tetrachloroethane	100	N.D.
Tetrachloroethene	100	N.D.
1,1,1-Trichloroethane	**100**	**1,000**
1,1,2-Trichloroethane	100	N.D.
Trichloroethene	**500**	**10,000**
Trichlorofluoromethane	100	N.D.
Vinyl chloride	200	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled:	Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-5	Received:	Apr 21, 1995
Richmond, CA 94804	Analysis Method: EPA 601	Analyzed:	May 1, 1995
Attention: Jeff Hawkins	Lab Number: 504-1311	Reported:	May 3, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	**5.0**	**13**
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	**5.0**	**31**
trans-1,2-Dichloroethene	**5.0**	**13**
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	**5.0**	**10**
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	**5.0**	**210**
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled:	Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-9	Received:	Apr 21, 1995
Richmond, CA 94804	Analysis Method: EPA 601	Analyzed:	May 2, 1995
Attention: Jeff Hawkins	Lab Number: 504-1312	Reported:	May 3, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	2.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	4.0	N.D.
Carbon tetrachloride	2.0	N.D.
Chlorobenzene	2.0	N.D.
Chloroethane	4.0	N.D.
2-Chloroethylvinyl ether	4.0	N.D.
Chloroform	2.0	N.D.
Chloromethane	4.0	N.D.
Dibromochloromethane	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	2.0	N.D.
1,2-Dichloroethane	2.0	N.D.
1,1-Dichloroethene	2.0	N.D.
cis-1,2-Dichloroethene	**2.0**	**6.4**
trans-1,2-Dichloroethene	2.0	N.D.
1,2-Dichloropropane	2.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Methylene chloride	20	N.D.
1,1,2,2-Tetrachloroethane	2.0	N.D.
Tetrachloroethene	**2.0**	**13**
1,1,1-Trichloroethane	2.0	N.D.
1,1,2-Trichloroethane	2.0	N.D.
Trichloroethene	**2.0**	**73**
Trichlorofluoromethane	2.0	N.D.
Vinyl chloride	4.0	N.D.

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

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Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water, MW-14	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 601	Analyzed: May 1-2, 1995
Attention: Jeff Hawkins	Lab Number:	504-1313	Reported: May 3, 1995

PURGEABLE HALOCARBONS (EPA 601)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	10	N.D.
Bromoform	10	N.D.
Bromomethane	20	N.D.
Carbon tetrachloride	10	N.D.
Chlorobenzene	10	N.D.
Chloroethane	20	N.D.
2-Chloroethylvinyl ether	20	N.D.
Chloroform	10	N.D.
Chloromethane	20	N.D.
Dibromochloromethane	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	10	N.D.
cis-1,2-Dichloroethene	**10**	**36**
trans-1,2-Dichloroethene	10	N.D.
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	100	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	N.D.
1,1,1-Trichloroethane	10	N.D.
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	**200**	**8,100**
Trichlorofluoromethane	10	N.D.
Vinyl chloride	20	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water, MW-8	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 602	Analyzed: May 3, 1995
Attention: Jeff Hawkins	Lab Number:	504-1307	Reported: May 3, 1995

PURGEABLE AROMATICS (EPA 602)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	1.0	N.D.
Chlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
Ethyl Benzene	1.0	N.D.
Toluene	1.0	N.D.
Total Xylenes	1.0	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled:	Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-4	Received:	Apr 21, 1995
Richmond, CA 94804	Analysis Method: EPA 602	Analyzed:	May 1, 1995
Attention: Jeff Hawkins	Lab Number: 504-1308	Reported:	May 3, 1995

PURGEABLE AROMATICS (EPA 602)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	10	N.D.
Chlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	10	N.D.
Ethyl Benzene	10	N.D.
Toluene	10	N.D.
Total Xylenes	10	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water, MW-10	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 602	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number:	504-1310	Reported: May 3, 1995

PURGEABLE AROMATICS (EPA 602)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	5.0	N.D.
Chlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
Ethyl Benzene	5.0	N.D.
Toluene	5.0	N.D.
Total Xylenes	5.0	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-5	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method: EPA 602	Analyzed: May 1, 1995
Attention: Jeff Hawkins	Lab Number: 504-1311	Reported: May 3, 1995

PURGEABLE AROMATICS (EPA 602)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	5.0	N.D.
Chlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
Ethyl Benzene	5.0	N.D.
Toluene	5.0	N.D.
Total Xylenes	5.0	N.D.

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Matrix:	Water	Received: Apr 21, 1995
Richmond, CA 94804	Analysis Method:	EPA 3510/3520/8015	Reported: May 3, 1995
Attention: Jeff Hawkins	First Sample #:	504-1306	

FUEL FINGERPRINT

Analyte	Reporting Limit µg/L	Sample I.D. 504-1306 MW-15	Sample I.D. 504-1307 MW08	Sample I.D. 504-1308 MW-4	Sample I.D. 504-1310 MW-10	Sample I.D. 504-1311 MW-5
Extractable Hydrocarbons	50	280	N.D.	N.D.	N.D.	N.D.
Chromatogram Pattern:		Diesel	--	--	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0
Date Extracted:	4/26/95	4/26/95	4/26/95	4/26/95	4/26/95
Date Analyzed:	4/27/95	4/27/95	4/27/95	4/27/95	4/27/95
Instrument Identification:	HP-3A	HP-3A	HP-3A	HP-3A	HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041306.GER <13>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water	Received: Apr 21, 1995
Richmond, CA 94804	Analysis for:	Redox Potential	
Attention: Jeff Hawkins	First Sample #:	504-1308	Analyzed: Apr 28, 1995
			Reported: May 3, 1995

LABORATORY ANALYSIS FOR: Redox Potential

Sample Number	Sample Description	Detection Limit mV	Sample Result mV
504-1308	MW-4	10	280
504-1310	MW-10	10	300
504-1312	MW-9	10	290
504-1313	MW-14	10	290

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water	Received: Apr 21, 1995
Richmond, CA 94804	Analysis for:	Hexavalent Chromium	
Attention: Jeff Hawkins	First Sample #:	504-1306	Analyzed: Apr 22, 1995
			Reported: May 3, 1995

LABORATORY ANALYSIS FOR: Hexavalent Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
504-1306	MW-15	0.0050	N.D.
504-1307	MW-8	0.0050	N.D.
504-1308	MW-4	1.0	17
504-1309	MW-20	0.0050	N.D.
504-1310	MW-10	2.0	170
504-1311	MW-5	2.0	160
504-1312	MW-9	2.0	70
504-1313	MW-14	2.0	140

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water	Received: Apr 21, 1995
Richmond, CA 94804	Analysis for:	Chromium	Extracted: May 1, 1995
Attention: Jeff Hawkins	First Sample #:	504-1306	Analyzed: May 4, 1995
			Reported: May 5, 1995

LABORATORY ANALYSIS FOR: Chromium

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
504-1306	MW-15	0.010	N.D.
504-1307	MW-8	0.010	0.033
504-1308	MW-4	0.010	16
504-1309	MW-20	0.010	N.D.
504-1310	MW-10	0.010	160
504-1311	MW-5	0.010	140
504-1312	MW-9	0.010	66
504-1313	MW-14	0.010	130

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041306.GER <16>

Sequoia Analytical

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Geraghty & Miller, Inc.	Client Project ID:	#RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript:	Water	Received: Apr 21, 1995
Richmond, CA 94804	Analysis for:	Total Dissolved Solids	Extracted: Apr 27, 1995
Attention: Jeff Hawkins	First Sample #:	504-1307	Analyzed: Apr 27, 1995
			Reported: May 5, 1995

LABORATORY ANALYSIS FOR: Total Dissolved Solids

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
504-1307	MW-8	1.0	630
504-1313	MW-14	1.0	840

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041306.GER <17>

Sequoia Analytical

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Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-4	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: Apr 22-26, 1995
Attention: Jeff Hawkins	Lab Number: 504-1308	Reported: May 3, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Ammonia	0.10	1.4
Nitrate	0.10	N.D.
Nitrite	0.10	N.D.

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

5041306.GER <18>

Sequoia Analytical

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Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-10	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: Apr 22-26, 1995
Attention: Jeff Hawkins	Lab Number: 504-1310	Reported: May 3, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Ammonia	0.10	N.D.
Nitrate	0.10	50
Nitrite	0.10	5.4

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-9	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: Apr 22-26, 1995
Attention: Jeff Hawkins	Lab Number: 504-1312	Reported: May 3, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Ammonia	0.10	N.D.
Nitrate	**0.10**	**24**
Nitrite	0.10	N.D.

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

5041306.GER <20>

Sequoia Analytical

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Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-14	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: Apr 22-26, 1995
Attention: Jeff Hawkins	Lab Number: 504-1313	Reported: May 3, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Ammonia	0.10	N.D.
Nitrate	**0.10**	**21**
Nitrite	**0.10**	**3.8**

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

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

5041306.GER <21>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-4	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: May 3-7, 1995
Attention: Jeff Hawkins	Lab Number: 504-1308	Reported: May 8, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Sulfide	10	N.D.
Sulfate	0.10	94
Iron	0.010	15

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041306.GER <22>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled:	Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-10	Received:	Apr 21, 1995
Richmond, CA 94804		Analyzed:	May 3-7, 1995
Attention: Jeff Hawkins	Lab Number: 504-1310	Reported:	May 8, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Sulfide	10	N.D.
Sulfate	0.10	130
Iron	0.010	14

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041306.GER <23>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-9	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: May 3-7, 1995
Attention: Jeff Hawkins	Lab Number: 504-1312	Reported: May 8, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Sulfide	10	N.D.
Sulfate	0.10	160
Iron	0.010	0.37

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041306.GER <24>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Geraghty & Miller, Inc.	Client Project ID: #RC0304-002, Electro-Coatings	Sampled: Apr 21, 1995
1050 Marina Way South	Sample Descript: Water, MW-14	Received: Apr 21, 1995
Richmond, CA 94804		Analyzed: May 3-7, 1995
Attention: Jeff Hawkins	Lab Number: 504-1313	Reported: May 8, 1995

LABORATORY ANALYSIS

Analyte	Detection Limit mg/L	Sample Results mg/L
Sulfide	10	N.D.
Sulfate	0.10	120
Iron	0.010	23

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

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

5041306.GER <25>

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: #RC0304-002, Electro-Coatings
Matrix: Liquid
QC Sample Group: 5041306-13
Reported: May 9, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Diesel	Chromium	Iron	Sulfate	Total Dissolved Solids	Total Sulfide
Method:	EPA 8015 M	EPA 200.7	EPA 200.7	EPA 300.0	EPA 160.1	EPA 9030
Analyst:	J. Dinsay	K.A./L.H.	K.A./L.H.	K.A./R.S.	M. Nguyen	R.S./K.A.
MS/MSD Batch#:	BLK042695	5041218	5041218	5041215	5041313	5050148
Date Prepared:	4/26/95	5/1/95	5/1/95	5/3/95	4/27/95	5/8/95
Date Analyzed:	4/27/95	5/4/95	5/4/95	5/3/95	4/27/95	5/8/95
Instrument I.D.#:	HP-3A	Liberty-100	Liberty-100	DX-100	Mettler AE-200	Titration
Conc. Spiked:	300 µg/L	1.0 mg/L	1.0 mg/L	1,000 mg/L	1,000 mg/L	100 mg/L
Matrix Spike % Recovery:	78	106	116	91	100	79
Matrix Spike Duplicate % Recovery:	74	107	116	92	101	79
Relative % Difference:	5.3	0.94	0.0	1.1	1.0	0.0
LCS Batch#:	BLK042695	BLK050195	BLK050195	300.0KMA05-F	160.1 JE04-E	9030 RS05-A-1
Date Prepared:	4/26/95	5/1/95	5/1/95	5/2/95	4/27/95	5/8/95
Date Analyzed:	4/27/95	5/4/95	5/4/95	5/3/95	4/27/95	5/8/95
Instrument I.D.#:	HP-3A	Liberty-100	Liberty-100	DX-100	Mettler AE-200	Titration
LCS % Recovery:	78	107	112	97	99	79
% Recovery Control Limits:	28-122	75-125	75-125	80-120	70-130	70-130

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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

Sequoia Analytical

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Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: #RC0304-002, Electro-Coatings
Matrix: Liquid
QC Sample Group: 5041306-13
Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Benzene	Toluene	Chloro-benzene
Method:	EPA 601	EPA 601	EPA 601	EPA 602	EPA 602	EPA 602
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD Batch#:	5041456	5041456	5041456	5041456	5041456	5041456
Date Prepared:	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95
Date Analyzed:	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L
Matrix Spike % Recovery:	86	93	87	134	112	92
Matrix Spike Duplicate % Recovery:	86	93	87	131	110	90
Relative % Difference:	0.0	0.0	0.0	2.3	1.8	2.2
LCS Batch#:	LCS050195	LCS050195	LCS050195	LCS050195	LCS050195	LCS050195
Date Prepared:	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95
Date Analyzed:	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95	5/1/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
LCS % Recovery:	78	94	84	132	105	86
% Recovery Control Limits:	28-167	35-146	38-150	39-150	46-148	55-135

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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

Sequoia Analytical

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Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: #RC0304-002, Electro-Coatings
Matrix: Liquid
QC Sample Group: 5041306-13

Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 601	EPA 601	EPA 601
Analyst:	K. Nill	K. Nill	K. Nill
MS/MSD Batch#:	5041224	5041224	5041224
Date Prepared:	5/1/95	5/1/95	5/1/95
Date Analyzed:	5/1/95	5/1/95	5/1/95
Instrument I.D.#:	HP5890/7	HP5890/7	HP5890/7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L
Matrix Spike % Recovery:	99	136	99
Matrix Spike Duplicate % Recovery:	98	132	96
Relative % Difference:	1.0	3.0	3.1
LCS Batch#:	LCS050195	LCS050195	LCS050195
Date Prepared:	5/1/95	5/1/95	5/1/95
Date Analyzed:	5/1/95	5/1/95	5/1/95
Instrument I.D.#:	HP5890/7	HP5890/7	HP5890/7
LCS % Recovery:	81	90	94
% Recovery Control Limits:	28-167	35-146	38-150

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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

Sequoia Analytical

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Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: #RC0304-002, Electro-Coatings
Matrix: Liquid
QC Sample Group: 5041306-13

Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Benzene	Toluene	Chloro-benzene
Method:	EPA 601	EPA 601	EPA 601	EPA 602	EPA 602	EPA 602
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD Batch#:	5041309	5041309	5041309	5041309	5041309	5041309
Date Prepared:	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95
Date Analyzed:	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L
Matrix Spike % Recovery:	68	104	83	127	103	97
Matrix Spike Duplicate % Recovery:	65	104	85	132	108	91
Relative % Difference:	4.5	0.0	2.3	3.9	4.7	6.4
LCS Batch#:	LCS050295	LCS050295	LCS050295	LCS050295	LCS050295	LCS050295
Date Prepared:	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95
Date Analyzed:	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
LCS % Recovery:	69	89	85	128	103	88
% Recovery Control Limits:	28-167	35-146	38-150	39-150	46-148	55-135

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: #RC0304-002, Electro-Coatings
Matrix: Liquid
QC Sample Group: 5041306-13
Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Benzene	Toluene	Chloro-benzene
Method:	EPA 601	EPA 601	EPA 601	EPA 602	EPA 602	EPA 602
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD Batch#:	5041224	5041224	5041224	-	-	-
Date Prepared:	5/2/95	5/2/95	5/2/95	-	-	-
Date Analyzed:	5/2/95	5/2/95	5/2/95	-	-	-
Instrument I.D.#:	HP5890/7	HP5890/7	HP5890/7	-	-	-
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	-	-	-
Matrix Spike % Recovery:	99	136	99	-	-	-
Matrix Spike Duplicate % Recovery:	98	132	96	-	-	-
Relative % Difference:	1.0	3.0	3.1	-	-	-
LCS Batch#:	LCS050295	LCS050295	LCS050295	LCS050295	LCS050295	LCS050295
Date Prepared:	5/2/95	5/2/95	5/2/95	-	-	-
Date Analyzed:	5/2/95	5/2/95	5/2/95	-	-	-
Instrument I.D.#:	HP5890/7	HP5890/7	HP5890/7	-	-	-
LCS % Recovery:	77	94	98	137	111	108
% Recovery Control Limits:	28-167	35-146	38-150	39-150	46-148	55-135

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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Matrix: Liquid
QC Sample Group: 5041306-13
Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Benzene	Toluene	Chloro-benzene
Method:	EPA 601	EPA 601	EPA 601	EPA 602	EPA 602	EPA 602
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD Batch#:	5050183	5050183	5050183	5050183	5050183	5050183
Date Prepared:	5/3/95	5/3/95	5/3/95	5/3/95	5/3/95	5/3/95
Date Analyzed:	5/3/95	5/3/95	5/3/95	5/3/95	5/3/95	5/3/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L
Matrix Spike % Recovery:	76	86	83	127	104	88
Matrix Spike Duplicate % Recovery:	63	85	79	125	102	85
Relative % Difference:	19.0	1.2	4.9	1.6	1.9	3.5
LCS Batch#:	LCS050395	LCS050395	LCS050395	LCS050395	LCS050395	LCS050395
Date Prepared:	5/3/95	5/3/95	5/3/95	5/3/95	5/3/95	5/3/95
Date Analyzed:	5/3/95	5/3/95	5/3/95	5/3/95	5/3/95	5/3/95
Instrument I.D.#:	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6	HP5890/6
LCS % Recovery:	72	84	79	129	104	87
% Recovery Control Limits:	28-167	35-146	38-150	39-150	46-148	55-135

SEQUOIA ANALYTICAL, #1271

Kevin Van Slambrook
Project Manager

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Geraghty & Miller, Inc.
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Richmond, CA 94804
Attention: Jeff Hawkins

Client Project ID: #RC0304-002, Electro-Coatings
Matrix: Liquid
QC Sample Group: 5041306-13

Reported: May 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Ammonia	Nitrite as NO2	Nitrate as NO3	Hexavalent Chromium
Method:	EPA 350.3	EPA 300.0	EPA 300.0	EPA 7196
Analyst:	Y. Arteaga	C. Buisan	C. Buisan	C. Buisan
MS/MSD Batch#:	9504E1909	9504E19-01	9504E19-01	9504E04-04
Date Prepared:	4/26/95	4/22/95	4/22/95	4/22/95
Date Analyzed:	4/26/95	4/22/95	4/22/95	4/22/95
Instrument I.D.#:	Manual	INIC-1	INIC-1	Manual
Conc. Spiked:	20 mg/L	10 mg/L	10 mg/L	0.50 mg/L
Matrix Spike % Recovery:	90	94	90	102
Matrix Spike Duplicate % Recovery:	95	94	90	100
Relative % Difference:	5.4	0.0	0.0	1.9
LCS Batch#:	LCS042695	-	-	-
Date Prepared:	4/26/95	-	-	-
Date Analyzed:	4/26/95	-	-	-
Instrument I.D.#:	Manual	-	-	-
LCS % Recovery:	88	-	-	-
% Recovery Control Limits:	80-120	90-110	90-110	80-120

SEQUOIA ANALYTICAL, #1210

Kevin Van Slambrook
Project Manager

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GERAGHTY & MILLER, INC.
Environmental Services

Laboratory Task Order No. _____

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project Number RC0304-002

Project Location Electro-Coatings

Laboratory Seq Voia

Sampler(s)/Affiliation Geraghty & Miller
G Crowley

SAMPLE IDENTITY	Code	Date/Time Sampled	Lab ID	Hexavalent Chromium	Total Chromium	EPA 601	Fuel Fingerprints	602	TDS	Sulfides, Sulfates, Total Iron	Redox	Ammonia Nitrates, Nitrites	TOTAL	
MW-15	L	4/21 7:45		X	X	X	X						5	5A-E
MW-8	L	4/21 8:15		X	X	X	X	X	X				6	6A-H
MW-4	L	4/21 9:00		X	X	X	X	X		X	X	X	8	8A-K
MW-20	L	4/21 10:15		X	X	X							4	4A-D
MW-10	L	4/21 10:30		X	X	X	X	X		X	X	X	8	8A-K
MW-5	L	4/21 10:55		X	X	X	X	X					5	5A-G
MW-9	L	4/21 11:45		X	X	X				X	X	X	6	6A-H
MW-14	L	4/21 11:20		X	X	X			X	X	X	X	7	7A-F

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

Total No. of Bottles/ Containers

Relinquished by: [signature]	Organization: Geraghty & Miller	Date 4/24/95	Time 4:02	Seal Intact? (Yes) No N/A
Received by: [signature]	Organization:	Date 4/24/95	Time 4:02	
Relinquished by: [signature]	Organization:	Date 4/27/95	Time 5:15	Seal Intact? Yes No N/A
Received by: [signature]	Organization:	Date 4/28/95	Time 5:15	

Special Instructions/Remarks: _____

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

G&M Form 09.9.91

Scantron 21.1768