SEMS-RM DOCID # 1167215

FREY ENVIRONMENTAL, INC.

Environmental Geologists, Engineers, Assessors

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March 27, 2001
172-01

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Mr. Howard Kay
Tedesco Leasing Partnership
475 Seventeenth Street
Suite 940
Denver, CO 80202

GROUNDWATER MONITORING WELL SAMPLING
FIRST QUARTER 2001
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Dear Mr. Kay:

This letter presents the results of groundwater sampling activities for the first quarter of 2001 at the former Mondo Chrome facility located at 4933 Firestone Boulevard in South Gate, California (Figure 1).

SUMMARY OF ACTIVITIES

On March 5, 2001, groundwater monitoring wells MW1, MW2 and MW3 were measured for depth to water and checked for the presence of light non-aqueous phase liquids (LNAPLs). LNAPLs were not detected in wells MW1, MW2 or MW3 which were then purged and sampled according to the procedures presented in Appendix A.

Groundwater samples were analyzed for purgeable halocarbons in general accordance with EPA Method No. 8021B. Groundwater samples were also analyzed for chromium and cadmium in general accordance with EPA Method No. 200.7. In addition, groundwater samples were analyzed for hexavalent chromium in general accordance with EPA Method No. 3500.

Groundwater purged from the wells is temporarily being stored on-Site in 55-gallon drums. The purged groundwater will be transported and disposed of at a State-certified recycling facility at a later date.

RESULTS

- The depth to groundwater varied between 40.83 feet and 40.90 feet below the top of casing on March 5, 2001. Groundwater elevations ranged from 68.50 feet above mean sea level in well MW1 to 68.71 feet above mean sea level in well MW3 on March 5, 2001.

- Groundwater was estimated to flow toward the northwest at a gradient of 0.0021 feet per foot on March 5, 2001. A site sketch showing groundwater elevations and estimated direction of groundwater flow on March 5, 2001 is presented on Figure 2.

- Tetrachloroethene (PCE) and trichloroethene (TCE) were detected at concentrations of 670 micrograms per liter (ug/L) and 330 ug/L, respectively, in the water sample collected from well MW1. PCE was detected at concentrations of 7.1 ug/L and 7 ug/L, respectively, in the groundwater samples collected from wells MW2 and MW3. TCE was detected at concentrations of 50 ug/L and 47 ug/L, respectively, in the groundwater samples collected from wells MW2 and MW3. A graphical distribution of PCE and TCE concentrations in groundwater on March 5, 2001 are shown as Figures 3 and 4, respectively.

- On March 5, 2001, concentrations of additional chlorinated volatile organic compounds were detected in the groundwater samples collected from wells MW1, MW2 and MW3 but at concentrations which were either below or slightly exceeded State of California Maximum Contaminant Levels (MCLs).

- Total chromium was detected at concentrations of 11 ug/L, 23 ug/L, and 24 ug/L in groundwater samples collected from MW1, MW2 and MW3, respectively, in the groundwater samples collected on March 5, 2001. These concentrations are below the MCL of 50 ug/L for total chromium.

- Cadmium was not detected in the groundwater samples collected from well MW1. Cadmium was detected at concentrations of 3 ug/L and 6 ug/L, respectively, in groundwater samples collected from wells MW2 and MW3.

- Hexavalent chromium was not present above laboratory detection limits in groundwater samples collected on March 5, 2001.

- Calculated groundwater elevations and chemical analytical data have been summarized in Table 1. Laboratory reports are presented in Appendix B.

Sincerely,
FREY Environmental, Inc.

Joe Frey
Principal Certified
Engineering Geologist
CEG #1500

Evan Privett
Senior Project Geologist

Enclosures:
Table 1 - Groundwater Levels and Chemical Analyses
Figure 1 - Site Location Map
Figure 2 - Site Sketch Showing Groundwater Elevations and Estimated Groundwater Flow Direction on March 5,2001.
Figure 3 - Site Sketch With PCE Concentrations in Groundwater on March 5, 2001.
Figure 4 - Site Sketch With TCE Concentrations in Groundwater on March 5, 2001.
Appendix A - Field Procedures/Water Sampling Data Forms
Appendix B- Laboratory Results

cc: Steven Hariri
Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

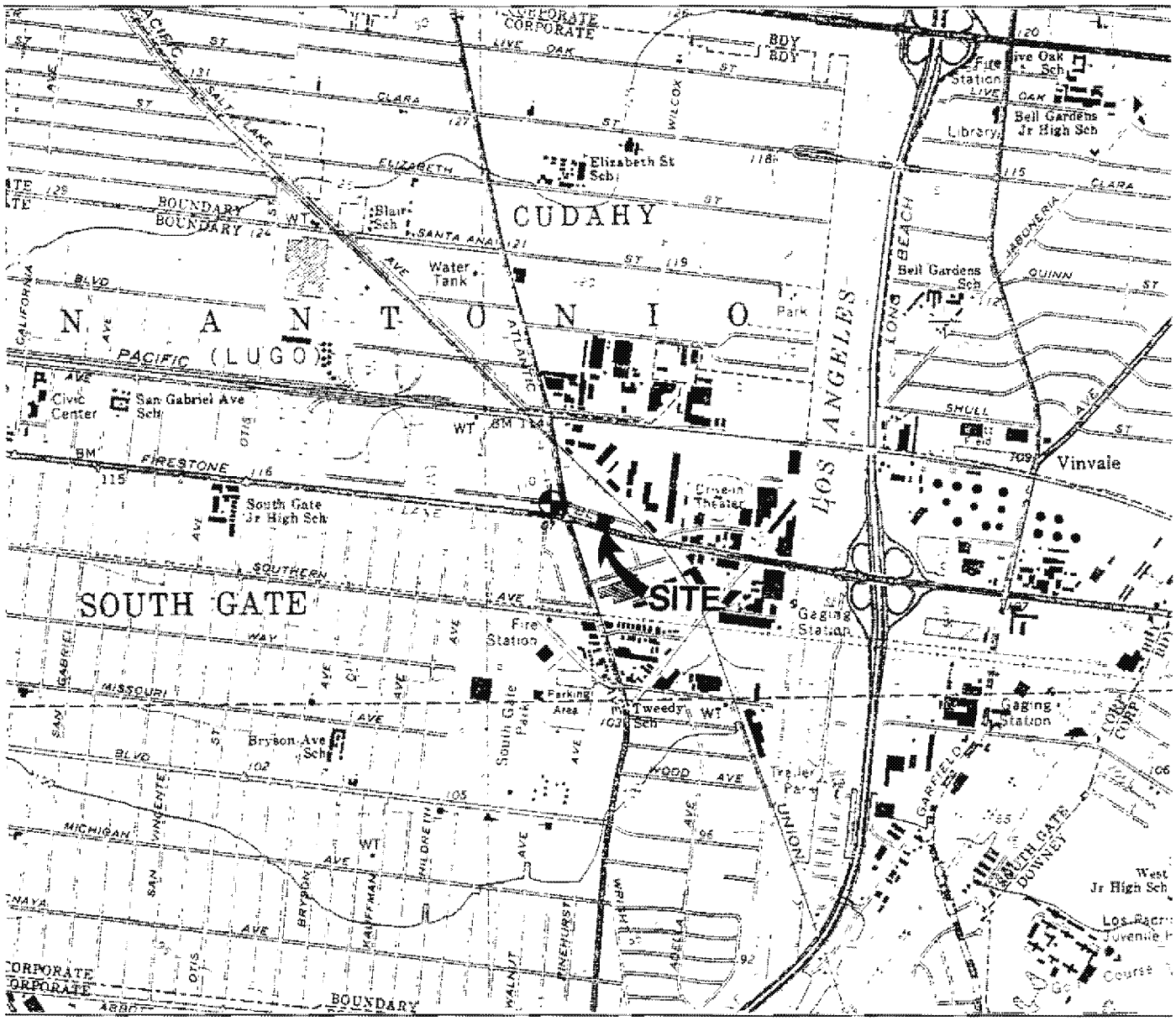
TABLE

TABLE 1
GROUNDWATER LEVELS AND CHEMICAL ANALYSES
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Well No.	Well Elevation (ft-msl)	Screen Interval (feet-bgs)	Date Sampled	Depth to Groundwater (feet)	Groundwater Elevation (ft-msl)	PCE ug/l (ppb)	TCE ug/l (ppb)	cis-1,2-DCE ug/l (ppb)	trans-1,2-DCE ug/L (ppb)	1,1-DCE ug/l (ppb)	Vinyl Chloride ug/l (ppb)	1,2-DCA ug/l (ppb)	Total Chromium ug/l (ppb)	Chromium VI ug/l (ppb)	Cadmium ug/l (ppb)
MW1	109.40	30-55	12/07/98	41.58	67.82	110	140	6.8	NA	ND>1	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.71	68.69	140	190	ND>10	NA	ND>16	ND>20	ND>10	19	ND>20	ND>4
			06/24/99	40.36	69.04	600	780	ND>25	NA	ND>40	ND>50	ND>25	19	ND>20	ND>4
			09/17/99	40.31	69.09	707	824	9.4	NA	1.9	1.9	ND>0.5	16	ND>20	ND>4
			12/20/99	40.35	69.05	395	635	10	NA	1.6	ND>1.0	ND>0.5	37	ND>20	ND>3
			03/28/00	40.42	68.98	368	538	11	NA	1.9	ND>1.0	ND>0.5	4	NA	NA
			06/26/00	40.50	68.90	663	909	125	NA	ND>0.8	ND>1.0	ND>0.5	46	NA	NA
			09/22/00	40.55	68.85	111	150	ND>0.5	NA	2.49	ND>1.0	ND>0.5	ND>3	NA	NA
			12/18/00	41.78	67.62	616	116	14	2.1	1.4	ND>1.0	ND>0.5	20	ND>20	ND>3
			03/05/01	40.90	68.50	670	330	11	2.2	2.7	3.4	0.65	11	ND>20	ND>3
MW2	109.45	30-55	12/07/98	41.68	67.77	11	77	16	NA	ND>1	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.81	68.64	6.5	130	13	NA	ND>4	ND>5	ND>2.5	33	ND>20	ND>4
			06/24/99	40.45	69.00	20	160	13	NA	ND>8	ND>10	ND>5	50	ND>20	ND>4
			09/17/99	40.40	69.05	15	156	21	NA	ND>0.8	ND>1	ND>0.5	40	ND>20	ND>4
			12/20/99	40.43	69.02	27	158	18	NA	ND>0.8	ND>1.0	ND>0.5	18	ND>20	ND>3
			03/28/00	40.38	69.07	8.4	338	27	NA	0.8	ND>1.0	ND>0.5	19	NA	NA
			06/26/00	40.46	68.99	17	101	230	NA	ND>0.8	ND>1.0	ND>0.5	38	NA	NA
			09/22/00	40.47	68.98	3.79	72.6	ND>0.5	NA	ND>0.8	ND>1.0	ND>0.5	17	NA	NA
			12/18/00	41.70	67.75	12	92	28	2.1	ND>0.8	ND>1.0	ND>0.5	20	ND>20	ND>3
			03/05/01	40.83	68.62	7.1	50	19	2.2	1.3	1.2	ND>0.5	23	ND>20	3
MW3	109.61	30-55	12/07/98	41.78	67.83	9.3	75	10	NA	1.7	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.94	68.67	5.1	100	6.4	NA	ND>4	ND>5	ND>2.5	68	ND>20	ND>4
			06/24/99	40.59	69.02	7.4	110	7.3	NA	ND>8	ND>10	ND>5	50	ND>20	ND>4
			09/17/99	40.56	69.05	6.1	145	12	NA	1.2	2.3	1.2	58	ND>20	ND>4
			12/20/99	40.61	69.00	4.4	43	3.6	NA	ND>0.8	ND>1.0	ND>0.5	37	ND>20	ND>3
			03/28/00	40.54	69.07	4.7	114	13	NA	1.7	ND>1.0	0.9	19	NA	NA
			06/26/00	40.61	69.00	26	92	ND>0.5	NA	ND>0.8	ND>1.0	ND>0.5	44	NA	NA
			09/22/00	40.60	69.01	7.11	66	4.97	NA	1.61	ND>1.0	ND>0.5	20	NA	NA
			12/18/00	41.85	67.76	11	80	13	1.9	1.3	ND>1.0	ND>0.5	30	ND>20	ND>3
			03/05/01	40.90	68.71	7	47	11	2	2.2	1.4	1.2	24	ND>20	6
DTSC MCLs						5	5	6	0.8	6	0.5	0.5	50		5

Notes
1) Well elevation recorded at top of casing
2) PCE = Tetrachloroethene
3) TCE = Trichloroethene
4) cis 1,2-DCE = cis 1,2 Dichloroethene
5) 1,1-DCE = 1,1 Dichloroethene
6) 1,2-DCA = 1,2 Dichloroethane
7) Maximum Contaminant Levels (MCLs) are enforceable drinking water standards
8) ND> - Constituent not detected above the stated concentration
9) NA - Not analyzed

FIGURES



EXPLANATION

Groundwater well UNOCAL property

MW1 Well number

(53') Depth to groundwater in feet MSL (1994)

NORTH

0 1/2 1

SCALE IN MILES

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: **TEDESCO LEASING** Project No.: **172-01**

FREY ENVIRONMENTAL, INC.

NOTES:

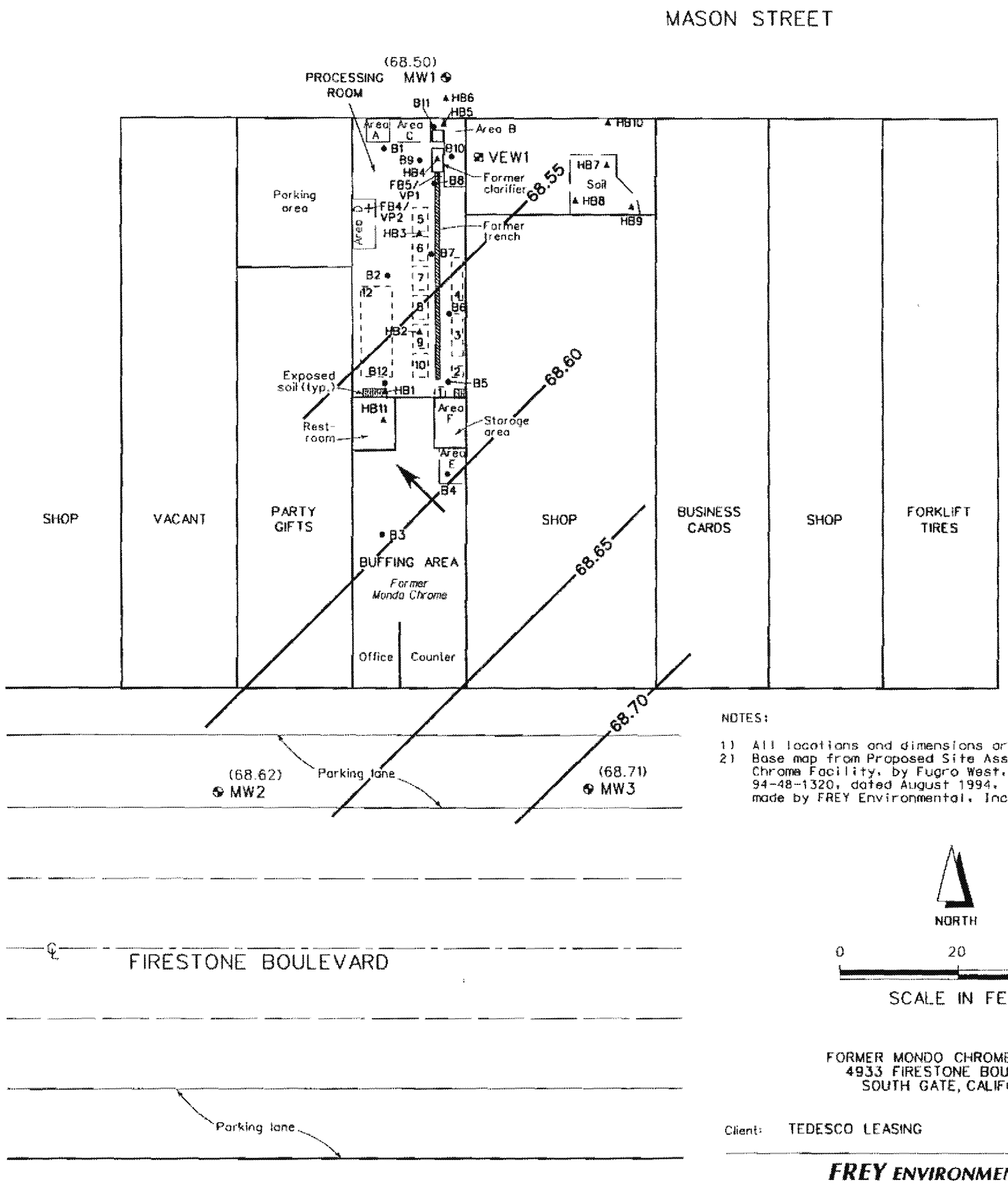
1) All locations and dimensions are approximate.
2) Base map from USGS 7.5 minute South Gate (1966, photorevised 1981), California topographic quadrangle.
3) Groundwater well data from FUGRO West, Inc., project no. 94-48-1320.

SITE LOCATION MAP

Date: **JANUARY 1996** Figure: **1**

EXPLANATION

▲ HB6	HAND AUGER BORING LOCATION
● B11	BORING LOCATION
VEW1	VAPOR EXTRACTION WELL LOCATION
+ FB4/ VP2	SOIL SAMPLE LOCATION/VAPOR PROBE LOCATION
MW3	GROUNDWATER MONITORING WELL LOCATION
(68.71)	With groundwater elevation in feet MSL, on March 5, 2001
68.70	CONTOUR OF EQUAL GROUNDWATER ELEVATION in feet MSL, on March 5, 2001
→	ESTIMATED GROUNDWATER FLOW DIRECTION



NOTES:

1) All locations and dimensions are approximate.
2) Base map from Proposed Site Assessment, Former Mondo Chrome Facility, by Fugro West, Inc., project no. 94-48-1320, dated August 1994, and field observations made by FREY Environmental, Inc. July 1996.

NORTH

0 20 40

SCALE IN FEET

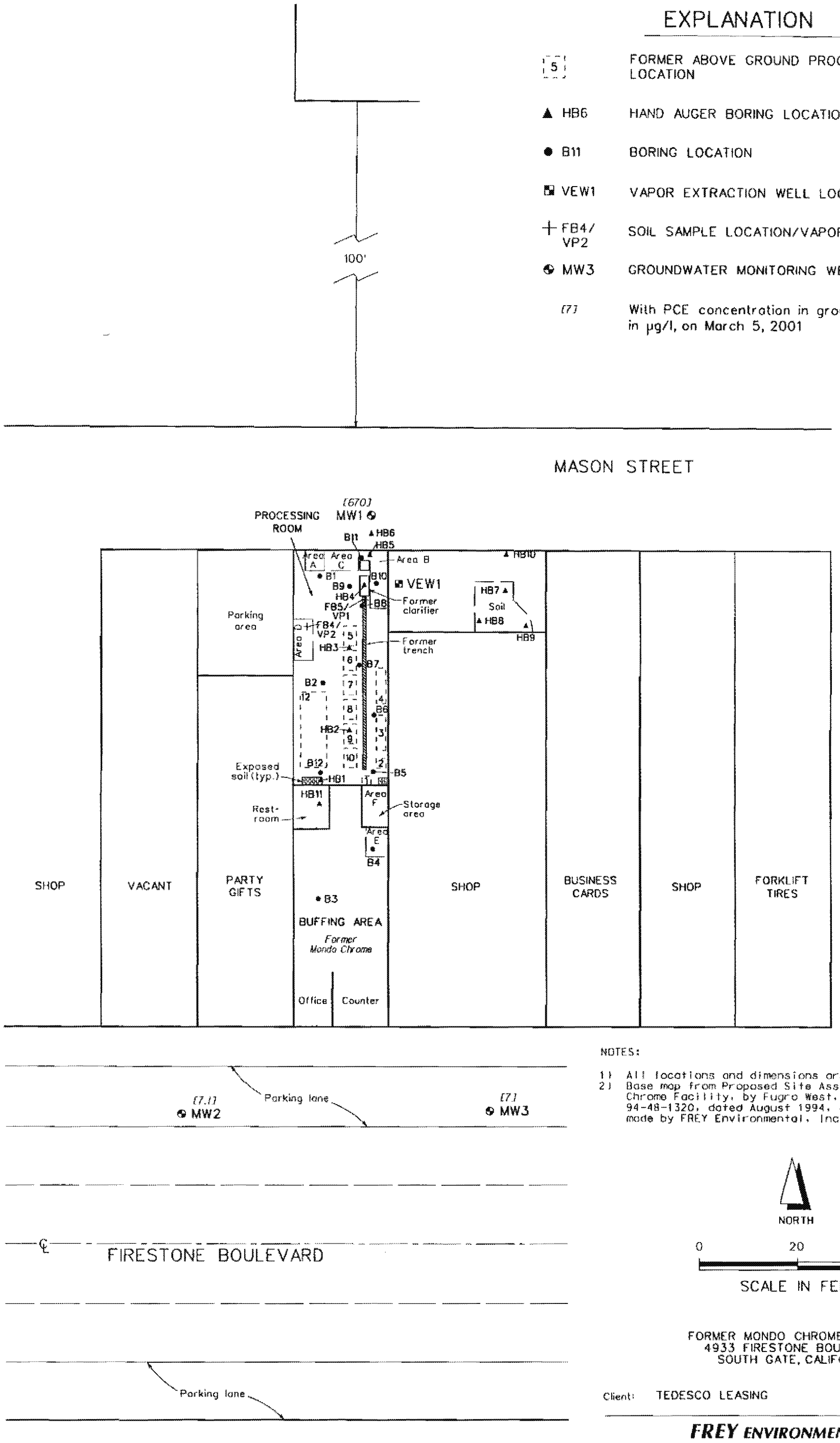
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING Project No.: 172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH SHOWING GROUNDWATER ELEVATIONS AND ESTIMATED GROUNDWATER FLOW DIRECTION ON MARCH 5, 2001

Figure 2



EXPLANATION

5	FORMER ABOVE GROUND PROCESS TANK LOCATION
▲ HB6	HAND AUGER BORING LOCATION
● B11	BORING LOCATION
VEW1	VAPOR EXTRACTION WELL LOCATION
+ FB4/ VP2	SOIL SAMPLE LOCATION/VAPOR PROBE LOCATION
MW3	GROUNDWATER MONITORING WELL LOCATION
[7]	With PCE concentration in groundwater, in µg/l, on March 5, 2001

NOTES:

1) All locations and dimensions are approximate.
2) Base map from Proposed Site Assessment, Former Mondo Chrome Facility, by Fugro West, Inc., project no. 94-48-1320, dated August 1994, and field observations made by FREY Environmental, Inc. July 1996.

NORTH

0 20 40

SCALE IN FEET

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING Project No.: 172-01

FREY ENVIRONMENTAL, INC.

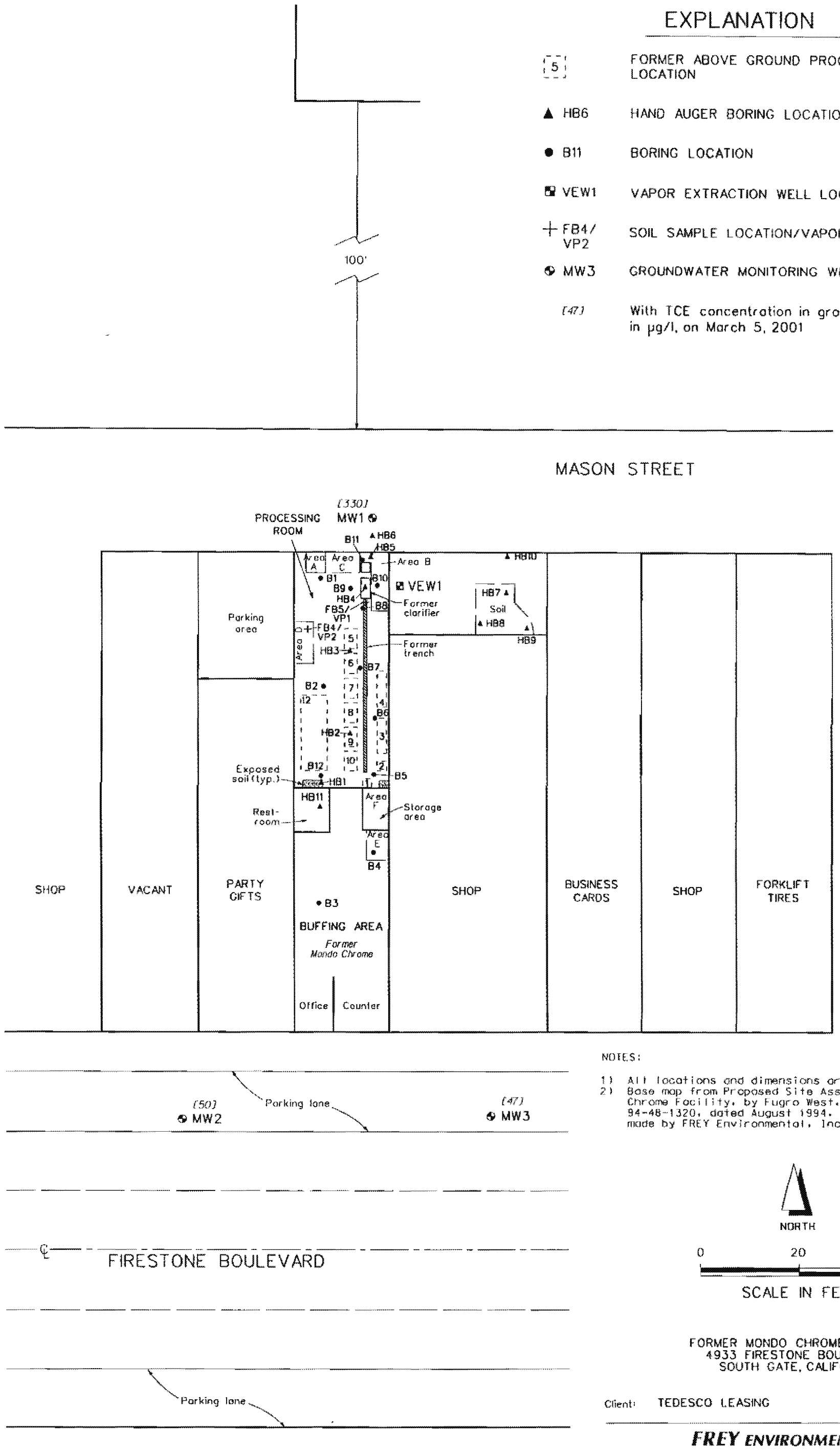
SITE SKETCH WITH PCE CONCENTRATIONS IN GROUNDWATER, ON MARCH 5, 2001

Date: MARCH 2001 Figure 3

17201/17201-2a.dgn

EXPLANATION

5	FORMER ABOVE GROUND PROCESS TANK LOCATION
▲ HB6	HAND AUGER BORING LOCATION
● B11	BORING LOCATION
VEW1	VAPOR EXTRACTION WELL LOCATION
+ FB4/ VP2	SOIL SAMPLE LOCATION/VAPOR PROBE LOCATION
MW3	GROUNDWATER MONITORING WELL LOCATION
[47]	With TCE concentration in groundwater, in µg/l, on March 5, 2001



NOTES:

1) All locations and dimensions are approximate.
2) Base map from Proposed Site Assessment, Former Mondo Chrome Facility, by Fugro West, Inc., project no. 94-48-1320, dated August 1994, and field observations made by FREY Environmental, Inc. July 1996.

NORTH

0 20 40

SCALE IN FEET

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING Project No.: 172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH WITH TCE CONCENTRATIONS IN GROUNDWATER, ON MARCH 5, 2001

Date: MARCH 2001 Figure 4

17201/17201-2a.dgn

APPENDIX A

FIELD PROCEDURES/WATER SAMPLING DATA FORMS

WELL PURGING AND GROUND WATER SAMPLING

1. The water level, and depth to the bottom of each well, was recorded using a conductance probe prior to well purging. A clear bailer sample was taken and visually inspected for turbidity and the presence of free product.

2. The groundwater monitoring wells were purged of at least three well volumes using a submersible pump or bailer.

3. The well was allowed to recover to at least 80 percent of its original well volume prior to sampling.

4. The ground water samples were collected using a stainless steel bailer held by dedicated nylon line.

5. All items entering the well; tapes, conductance probe, bailers were cleaned prior to use and between sampling periods.

6. Groundwater collected from each monitoring well was placed into EPA approved, zero head space, 40 milliliters (mL) vials and 500 mL containers.

7. Each sample was labeled.

8. The samples were placed in a bag, and into an ice chest, and cooled following collection.

9. The samples were delivered to the laboratory directly after collection. Sample handling, transport, and delivery to the laboratory were documented using chain of custody procedures and appropriate Chain-of-Custody forms.

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo Chrome DATE 3-5-01

JOB NO. 172-01 SAMPLING PERSONNEL Chris

WELL NUMBER	Well Diameter (ID)	Reference Point
MW1	2"	TOC
WATER DEPTH (ft)	**WELL DEPTH**	**Feet of H20 in Well**
40.9	54.4	9.5

TIME	ELAPSED TIME	GALLONS PURGED	pH	Temp (deg. F)	Cond.	Turbidity	COMMENTS
10:37							Start pump
10:38	01	3.5	7.13	71.7	6		Cloudy
10:38							Stop pump
10:47							Start pump
10:48	02	7	7.15	72.0	4		Cloudy
10:48							Stop Pump
11:30			7.05	70.2	5		Bailer sample
TOTAL GALLONS PURGED		7					

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
46.3	Pump	3.5

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	
Turbidity Meter	NA
Pump (Dia./Type)	2" Grunfus Pump
Water Level Meter	Solinst
Bailer (Dia.x length)	2" Bailer

SAMPLE NUMBER	# BOTTLES
MW1	5

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (9.5 Ft) x (0.16) = 1.52 Gallons

3 Well Volumes = 4.56 Gallons

FREY ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo Chrome DATE 3-5-01

JOB NO. 172-01 SAMPLING PERSONNEL Chris

WELL NUMBER	Well Diameter (ID)	Reference Point
MW2	2"	TOC
WATER DEPTH (ft)	**WELL DEPTH**	**Feet of H20 in Well**
40.83	52.9	12.07

TIME	ELAPSED TIME	GALLONS PURGED	pH	Temp (deg. F)	Cond.	Turbidity	COMMENTS
8:40							Start pump
8:41	01	3.5	6.94	72.2	6		Cloudy
8:41							Stop Pump
8:50	02						Start Pump
8:51	03	7	6.97	72.9	6		Cloudy
8:53							Stop Pump
9:52			7.03	68.3	6		Bailer Sample
TOTAL GALLONS PURGED		9					

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
41.21	Pump	3.5

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	
Turbidity Meter	NA
Pump (Dia./Type)	2" Grunfus Pump
Water Level Meter	Solinst
Bailer (Dia.x length)	2" Bailer

SAMPLE NUMBER	# BOTTLES
MW2	5

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (12.07 Ft) x (0.16) = 1.93 Gallons

3 Well Volumes = 5.79 Gallons

FREY ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo Chrome

DATE 3-5-01

JOB NO. 172-01

SAMPLING PERSONNEL Chris

WELL NUMBER	Well Diameter (ID)	Reference Point
MW3	2"	TOC
WATER DEPTH (ft)	**WELL DEPTH**	**Feet of H20 in Well**
40.9	53.4	12.5

TIME	ELAPSED TIME	GALLONS PURGED	pH	Temp (deg. F)	Cond.	Turbidity	COMMENTS
8:00	0	0	~~6.4~~	~~68.5~~	~~5~~		Start pump
8:01	01	04	6.44	68.5	11		Cloudy water
8:02							Stop Pump
8:12							Start Pump
8:13	02	07	6.98	71.5	5		Cloudy
8:13							Stop Pump
9:39			7.02	70.1	8		Bailer Sample
TOTAL GALLONS PURGED		7					

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
41.2	Pump	3.5

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	
Turbidity Meter	NA
Pump (Dia./Type)	2" Grunfos Pump
Water Level Meter	Solinst
Bailer (Dia.x length)	2" Bailer

SAMPLE NUMBER	# BOTTLES
MW3	5

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (12.5 Ft) x (0.16) = 2 Gallons

3 Well Volumes = 6 Gallons

FREY ENVIRONMENTAL, INC.

APPENDIX B

LABORATORY RESULTS

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Frey (7741)
ATTN: Evan Privett
2817A Lafayette Ave.
Newport Beach, CA 92663

LAB REQUEST 68651
REPORTED 03/14/2001
RECEIVED 03/05/2001

PROJECT Mondo Chrome

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
248556	MW1
248557	MW2
248558	MW3

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 248556
Matrix: WATER
Date Sampled: 03/05/2001
Time Sampled:
Sampled By:

Client: Frey
Client Sample ID: MW1

Analyte	Result	DF	DLR	Units	Date/Analyst	
200.7 ICP Total Metals - Water Only						
Cadmium	ND	1	0.003	mg/L	03/13/01	KN
Chromium	0.011	1	0.003	mg/L	03/13/01	KN
3500Cr-D Chromium, Hexavalent						
Chromium, Hexavalent	ND	1	0.02	mg/L	03/06/01	DK
8021B/HVO Halogenated Volatile Organics						
1,1,1-Trichloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,1,2,2-Tetrachloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,1,2-Trichloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,1-Dichloroethane	ND	1	0.8	ug/L	03/09/01	CH
1,1-Dichloroethene	2.7	1	0.8	ug/L	03/09/01	CH
1,2-Dibromoethane	ND	1	1.0	ug/L	03/09/01	CH
1,2-Dichlorobenzene	ND	1	1.0	ug/L	03/09/01	CH
1,2-Dichloroethane	0.65	1	0.5	ug/L	03/09/01	CH
1,2-Dichloropropane	ND	1	0.5	ug/L	03/09/01	CH
1,3-Dichlorobenzene	ND	1	2.0	ug/L	03/09/01	CH
1,4-Dichlorobenzene	ND	1	1.0	ug/L	03/09/01	CH
2-Chloroethylvinyl ether	ND	1	0.7	ug/L	03/09/01	CH
Bromoform	ND	1	0.5	ug/L	03/09/01	CH
Bromomethane	ND	1	1.0	ug/L	03/09/01	CH
Carbon tetrachloride	ND	1	0.7	ug/L	03/09/01	CH
Chlorobenzene	ND	1	1.0	ug/L	03/09/01	CH
Chloroethane	ND	1	0.5	ug/L	03/09/01	CH
Chloroform	ND	1	0.5	ug/L	03/09/01	CH
Chloromethane	ND	1	1.0	ug/L	03/09/01	CH
Dibromochloromethane	ND	1	0.5	ug/L	03/09/01	CH
Dichlorobromomethane	ND	1	0.5	ug/L	03/09/01	CH
Dichlorodifluoromethane	ND	1	2.0	ug/L	03/09/01	CH
Methylene Chloride	ND	1	1.0	ug/L	03/09/01	CH
Tetrachloroethene	670	100	50.0	ug/L	03/09/01	CH
Trichloroethene	330	100	60.0	ug/L	03/09/01	CH

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 248556
Matrix: WATER
Date Sampled: 03/05/2001
Time Sampled:
Sampled By:

Client: Frey
Client Sample ID: MW1

Analyte	Result	DF	DLR	Units	Date/Analyst	
8021B/HVO Halogenated Volatile Organics						
Trichlorofluoromethane	ND	1	0.5	ug/L	03/09/01	CH
Vinyl chloride	3.4	1	1.0	ug/L	03/09/01	CH
cis-1,2-Dichloroethene	11	1	0.5	ug/L	03/09/01	CH
cis-1,3-Dichloropropene	ND	1	1.5	ug/L	03/09/01	CH
trans-1,2-Dichloroethene	2.2	1	0.8	ug/L	03/09/01	CH
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	03/09/01	CH

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 248557
Matrix: WATER
Date Sampled: 03/05/2001
Time Sampled:
Sampled By:

Client: Frey
Client Sample ID: MW2

Analyte	Result	DF	DLR	Units	Date/Analyst	
200.7 ICP Total Metals - Water Only						
Cadmium	0.003	1	0.003	mg/L	03/13/01	KN
Chromium	0.023	1	0.003	mg/L	03/13/01	KN
3500Cr-D Chromium, Hexavalent						
Chromium, Hexavalent	ND	1	0.02	mg/L	03/06/01	DK
8021B/HVO Halogenated Volatile Organics						
1,1,1-Trichloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,1,2,2-Tetrachloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,1,2-Trichloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,1-Dichloroethane	ND	1	0.8	ug/L	03/09/01	CH
1,1-Dichloroethene	1.3	1	0.8	ug/L	03/09/01	CH
1,2-Dibromoethane	ND	1	1.0	ug/L	03/09/01	CH
1,2-Dichlorobenzene	ND	1	1.0	ug/L	03/09/01	CH
1,2-Dichloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,2-Dichloropropane	ND	1	0.5	ug/L	03/09/01	CH
1,3-Dichlorobenzene	ND	1	2.0	ug/L	03/09/01	CH
1,4-Dichlorobenzene	ND	1	1.0	ug/L	03/09/01	CH
2-Chloroethylvinyl ether	ND	1	0.7	ug/L	03/09/01	CH
Bromoform	ND	1	0.5	ug/L	03/09/01	CH
Bromomethane	ND	1	1.0	ug/L	03/09/01	CH
Carbon tetrachloride	ND	1	0.7	ug/L	03/09/01	CH
Chlorobenzene	ND	1	1.0	ug/L	03/09/01	CH
Chloroethane	ND	1	0.5	ug/L	03/09/01	CH
Chloroform	ND	1	0.5	ug/L	03/09/01	CH
Chloromethane	ND	1	1.0	ug/L	03/09/01	CH
Dibromochloromethane	ND	1	0.5	ug/L	03/09/01	CH
Dichlorobromomethane	ND	1	0.5	ug/L	03/09/01	CH
Dichlorodifluoromethane	ND	1	2.0	ug/L	03/09/01	CH
Methylene Chloride	ND	1	1.0	ug/L	03/09/01	CH
Tetrachloroethene	7.1	1	0.5	ug/L	03/09/01	CH
Trichloroethene	50	1	0.6	ug/L	03/09/01	CH

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 248557
Matrix: WATER
Date Sampled: 03/05/2001
Time Sampled:
Sampled By:

Client: Frey
Client Sample ID: MW2

Analyte	Result	DF	DLR	Units	Date/Analyst	
8021B/HVO Halogenated Volatile Organics						
Trichlorofluoromethane	ND	1	0.5	ug/L	03/09/01	CH
Vinyl chloride	1.2	1	1.0	ug/L	03/09/01	CH
cis-1,2-Dichloroethene	19	1	0.5	ug/L	03/09/01	CH
cis-1,3-Dichloropropene	ND	1	1.5	ug/L	03/09/01	CH
trans-1,2-Dichloroethene	2.2	1	0.8	ug/L	03/09/01	CH
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	03/09/01	CH

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 248558
Matrix: WATER
Date Sampled: 03/05/2001
Time Sampled:
Sampled By:

Client: Frey
Client Sample ID: MW3

Analyte	Result	DF	DLR	Units	Date/Analyst	
200.7 ICP Total Metals - Water Only						
Cadmium	0.006	1	0.003	mg/L	03/13/01	KN
Chromium	0.024	1	0.003	mg/L	03/13/01	KN
3500Cr-D Chromium, Hexavalent						
Chromium, Hexavalent	ND	1	0.02	mg/L	03/06/01	DK
8021B/HVO Halogenated Volatile Organics						
1,1,1-Trichloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,1,2,2-Tetrachloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,1,2-Trichloroethane	ND	1	0.5	ug/L	03/09/01	CH
1,1-Dichloroethane	ND	1	0.8	ug/L	03/09/01	CH
1,1-Dichloroethene	2.2	1	0.8	ug/L	03/09/01	CH
1,2-Dibromoethane	ND	1	1.0	ug/L	03/09/01	CH
1,2-Dichlorobenzene	ND	1	1.0	ug/L	03/09/01	CH
1,2-Dichloroethane	1.2	1	0.5	ug/L	03/09/01	CH
1,2-Dichloropropane	ND	1	0.5	ug/L	03/09/01	CH
1,3-Dichlorobenzene	ND	1	2.0	ug/L	03/09/01	CH
1,4-Dichlorobenzene	ND	1	1.0	ug/L	03/09/01	CH
2-Chloroethylvinyl ether	ND	1	0.7	ug/L	03/09/01	CH
Bromoform	ND	1	0.5	ug/L	03/09/01	CH
Bromomethane	ND	1	1.0	ug/L	03/09/01	CH
Carbon tetrachloride	ND	1	0.7	ug/L	03/09/01	CH
Chlorobenzene	ND	1	1.0	ug/L	03/09/01	CH
Chloroethane	ND	1	0.5	ug/L	03/09/01	CH
Chloroform	ND	1	0.5	ug/L	03/09/01	CH
Chloromethane	ND	1	1.0	ug/L	03/09/01	CH
Dibromochloromethane	ND	1	0.5	ug/L	03/09/01	CH
Dichlorobromomethane	ND	1	0.5	ug/L	03/09/01	CH
Dichlorodifluoromethane	ND	1	2.0	ug/L	03/09/01	CH
Methylene Chloride	ND	1	1.0	ug/L	03/09/01	CH
Tetrachloroethene	7.0	1	0.5	ug/L	03/09/01	CH
Trichloroethene	47	1	0.6	ug/L	03/09/01	CH

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 248558
Matrix: WATER
Date Sampled: 03/05/2001
Time Sampled:
Sampled By:

Client: Frey
Client Sample ID: MW3

Analyte	Result	DF	DLR	Units	Date/Analyst	
8021B/HVO Halogenated Volatile Organics						
Trichlorofluoromethane	ND	1	0.5	ug/L	03/09/01	CH
Vinyl chloride	1.4	1	1.0	ug/L	03/09/01	CH
cis-1,2-Dichloroethene	11	1	0.5	ug/L	03/09/01	CH
cis-1,3-Dichloropropene	ND	1	1.5	ug/L	03/09/01	CH
trans-1,2-Dichloroethene	2.0	1	0.8	ug/L	03/09/01	CH
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	03/09/01	CH

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LR 68571-248264

Matrix: WATER

Analysis Date: 03/09/01

ID#'s in Batch: LR 68574, 68575, 68571, 68573, 68572, 68895, 68896, 68651, 68582, 68446

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = ug/L

Test	Method	Sample Result	Spike Added	LCS Spike	Matrix LCS Dup	%Rec MS	%Rec MSD	RPD	Prep. Blank
1,2-Dichloroethane	8021	ND	5.0	3.7	3.8	74	76	3	ND
1,1,2-Trichloroethane	8021	ND	5.0	3.4	4.1	68	82	19	ND
Tetrachloroethene	8021	ND	5.0	3.7	4.5	74	90	20	ND
cis-1,2-DCE	8021	ND	5.0	5.0	5.2	100	104	4	ND
cis-1,3-DCPE	8021	ND	5.0	5.1	5.3	102	106	4	ND
Trichloroethene	8021	ND	5.0	4.6	4.9	92	98	6	ND
Bromodichloromethane	8021	ND	5.0	4.0	4.7	80	94	16	ND
trans-1,3-Dichloropropane	8021	ND	5.0	5.1	4.8	102	96	6	ND
Benzene	8021	ND	5.0	3.7	4.1	74	82	10	ND
Toluene	8021	ND	5.0	3.7	4.1	74	82	10	ND

** = Matrix Interference. LCS OK. Data Reported.*
ND = Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS: 65-135
RPD LIMITS: 35

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Results	LCS % Rec	Limits % Rec
1,2-Dichloroethane	5.0	5.8	116	65-135
1,1,2-Trichloroethane	5.0	5.9	118	65-135
Tetrachloroethene	5.0	5.8	116	65-135
cis-1,2-DCE	5.0	6.0	120	65-135
cis-1,3-DCPE	5.0	6.2	124	65-135
Trichloroethene	5.0	6.1	122	65-135
Bromodichloromethane	5.0	5.8	116	65-135
trans-1,3-Dichloropropane	5.0	6.1	122	65-135
Benzene	5.0	6.1	122	65-135
Toluene	5.0	6.1	122	65-135

Method Blank = All ND

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LR 68651

Matrix: WATER

Prep. Date: 03/06/01

Analysis Date: 03/06/01

ID#'s in Batch: LR 68651

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
Cr+6	3500Cr_D/7196	ND	1.0	1.00	1.00	100.0	100.0	0.0

ND = Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

PREP BLK	LCS				
Value	Result	True	%Rec	L.Limit	H.Limit
ND	0.50	0.50	100.0	80%	120%

Value = Preparation Blank Value
LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

ASSOCIATED LABORATORIES
LCS/MB REPORT FORM

QC Code # H030801W67 Prep. Method : 3010

Prep. Date : 03/08/01 Matrix : WATER Wt./Vol . 0.5ml/25ml

LCS Source(s) : QC21-LOT#QC2/91/1,QC7-LOT7A92/1

Lab ID#'s in Batch LR 68704, 68721, 68724, 68734, 68736, 68745, 68703, 68651, 68677

Reporting Units mg/L

Lab Control Sample (LCS)							Method Blank	
Element	**Method**	**Result**	**True**	**%Rec**	**L.Limit**	**H.Limit**	**DLR**	**ND**
Arsenic	200 7	2.088	2.0	104 4	80%	120%	0 005	U
Selenium	200 7	2.051	2.0	102.6	80%	120%	0 004	U
Thallium	200 7	2.130	2 0	106 5	80%	120%	0.003	U
Lead	200 7	2 099	2 0	105 0	80%	120%	0.002	U
Aluminum	200 7	2.304	2 0	115 2	80%	120%	0.030	U
Antimony	200 7	2 039	2.0	102.0	80%	120%	0 006	U
Barium	200.7	2.022	2.0	101.1	80%	120%	0 002	U
Beryllium	200 7	1.980	2 0	99 0	80%	120%	0 001	U
Boron	200 7	2.409	2.0	120 5	80%	120%	0 010	U
Cadmium	200 7	2.002	2.0	100 1	80%	120%	0 004	U
Chromium	200 7	1.956	2.0	97 8	80%	120%	0 003	U
Cobalt	200 7	2.009	2.0	100 5	80%	120%	0 005	U
Copper	200.7	1 918	2 0	95.9	80%	120%	0.004	U
Iron	200 7	2,000	2.0	100 0	80%	120%	0 011	U
Manganese	200 7	1.946	2.0	97.3	80%	120%	0 002	U
Molybdenum	200 7	2.000	2.0	100.0	80%	120%	0.010	U
Nickel	200 7	2 056	2 0	102.8	80%	120%	0.008	U
Vanadium	200 7	1.919	2.0	96 0	80%	120%	0 005	U
Zinc	200 7	1.979	2.0	99 0	80%	120%	0 002	U
Silver	200 7	0 978	1 0	97 8	80%	120%	0.005	U

*Notes : RESULT = Sample Result; TRUE = True Value; %Rec = 100*Result True*
L.LIMIT H.LIMIT = Low High Control Limits
PB = Preparation Blank; ND = " U " for Non- Detected

ASSOCIATED LABORATORIES

QA REPORT FORM (MS/MSD)

QC Sample: LR 68677 - 248623

Matrix: WATER

Prep. Date: 03/08/01

Analysis Date: 03/13/01

Lab ID#'s in Batch: LR 68704, 68721, 68724, 68734, 68736, 68745, 68703, 68651, 68677

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = mg/L

TEST	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
Antimony	200.7	0.030	U	1.0	0.930	0.950	93.0	95.0	2.1
Barium	200.7	0.011		1.0	0.970	0.990	95.9	97.9	2.0
Beryllium	200.7	0.001	U	1.0	0.920	0.930	92.0	93.0	1.1
Cadmium	200.7	0.004		1.0	0.890	0.900	88.6	89.6	1.1
Chromium	200.7	0.006		1.0	0.930	0.950	92.4	94.4	2.1
Cobalt	200.7	0.005		1.0	0.910	0.920	90.5	91.5	1.1
Copper	200.7	0.146		1.0	1.080	1.100	93.4	95.4	1.8
Molybdenum	200.7	0.027		1.0	0.940	0.960	91.3	93.3	2.1
Nickel	200.7	0.016		1.0	0.930	0.960	91.4	94.4	3.2
Silver	200.7	0.005	U	0.4	0.350	0.360	87.5	90.0	2.8
Vanadium	200.7	0.007	U	1.0	0.930	0.950	93.0	95.0	2.1
Zinc	200.7	0.460		1.0	1.340	1.410	88.0	95.0	5.1
Arsenic	200.7	0.004	U	0.1	0.103	0.106	103.0	106.0	2.9
Selenium	200.7	0.004	U	0.1	0.091	0.096	91.0	96.0	5.3
Thallium	200.7	0.003	U	0.1	0.100	0.101	100.0	101.0	1.0
Lead	200.7	0.096		0.2	0.293	0.307	98.5	105.5	4.7

** = MS/MSD outside Limits. LCS/MB Accepted.*
NC = Not Calculated
ND = "U" - Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS&MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

% REC LIMITS = 75 -125
RPD LIMITS = 20

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • FAX: (714) 538-1209

68651

CHAIN OF CUSTODY RECORD

Date 3-5-01 Page 1 of 1

CLIENT Frey Environmental
ADDRESS 2817 A Layfhyate Ave
Newport Beach

PROJECT MANAGER Evan Privet
PHONE NUMBER 949) 723-1645
SAMPLERS: (Signature)

Samples Intact Yes X No ____
County Seals Intact Yes ____ No ____
Sample Ambient ____ Cooled X Frozen ____
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

PROJECT NAME Mondo Chrome

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP CONTAM	TESTS REQUIRED
MW1	VOA's	3-5-01		X			3		8021B - CUOC
MW2									
MW3									
MW1	Glass						1		Total Chromium - Cadmium
MW2									
MW3									
MW1	Plastic								Hexavalent Chromium
MW2									
MW3									

Relinquished by: (Signature)
Received by: (Signature) Albert Vargas
Date/Time 3-5-01 12:53

Relinquished by: (Signature) Albert Vargas
Received by Laboratory for analysis (Signature) 3-5 3:30
Date/Time

Special Instructions:

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier