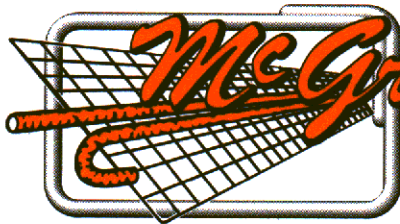


RECEIVED

By loprojectop at 10:16 am, Mar 22, 2006

WIRE MESH



REINFORCING STEEL BARS

February 10, 2006

CA. LICENSE # 161512

6655 HOLLIS STREET • EMERYVILLE • CALIFORNIA 94608

P.O. BOX 8036 • EMERYVILLE • CALIFORNIA 94662

TEL. (510) 596-2400 • FAX (510) 658 6910 • FAX (510) 652-5510

Barney Chan
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: Ground Water Monitoring Report
McGrath Steel Company
6655 Hollis Street
Emeryville, California
Fuel Leak Case RO0000063

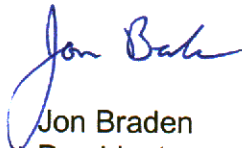
Dear Mr. Chan:

Please find enclosed the ground water monitoring report requested in the Alameda County Health Care Services letter to McGrath Steel dated June 30, 2005¹.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any comments or questions concerning the contents of this report, please contact me at (510) 596-2410.

Sincerely,


Jon Braden
President

Enclosures: Report

cc: L. Maile Smith, Weiss Associates

¹ June 30, 2005 letter from Barney M. Chan, ACHCS, to Jon Braden, McGrath Steel Company, Re: Fuel Leak Case RO0000063, McGrath Steel Company, 6655 Hollis Street, Oakland, California, 94608.



February 10, 2006

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RECEIVED

By loprojectop at 10:17 am, Mar 22, 2006

**RE: Ground Water Monitoring Report
McGrath Steel Company**
6655 Hollis Street
Emeryville, California
Fuel Leak Case RO0000063
Weiss Project No. 184-1761-1

Dear Mr. Chan:

On behalf of McGrath Steel Company, owner of the property at 6655 Hollis Street in Emeryville, California (the Site; Figure 1), Weiss Associates (Weiss) is submitting this ground water monitoring report as requested in the Alameda County Health Care Services (ACHCS) letter to McGrath Steel dated June 30, 2005¹.

Background

In late 1994, Clearprint Paper Company removed four underground storage tanks (USTs) from their facility at 1482 67th Street in Emeryville, across the street and downgradient from the McGrath warehouse². The former USTs, located under the sidewalk between the Clearprint facility and 67th Street, were used to store solvents and mineral oil. During the UST removal and in a subsequent 1995 investigation, total petroleum hydrocarbons as gasoline (TPH-G) and diesel (TPH-D), and benzene, toluene, ethylbenzene, and total xylenes (BTEX) were detected in soil samples collected from the UST excavation sidewalls and bottoms and from several onsite and offsite soil borings. Three monitoring wells—MW-1, MW-2, and MW-3—were installed during the 1995 investigation as well. TPH-G, TPH-D, and BTEX compounds were detected in ground water

¹ June 30, 2005 letter from Barney M. Chan, ACHCS, to Jon Braden, McGrath Steel Company, Re: Fuel Leak Case RO0000063, McGrath Steel Company, 6655 Hollis Street, Oakland, California, 94608.

² Environmental Strategies Corporation, 1995, Supplemental Investigation of the Former Underground Storage Tank Area, consultant's report prepared for Clearprint Paper Company, Emeryville, California, December 14, 1995.

samples from wells MW-1 (Clearprint source area) and MW-3 (upgradient of the Clearprint site). Only TPH-D was detected in ground water sampled from well MW-2.

In July 1996, McGrath Steel removed two 2,000-gallon USTs from beneath the 67th Street sidewalk adjacent to the McGrath property near the southwest intersection of 67th and Hollis Streets. The USTs were used to store unleaded gasoline and diesel. Petroleum hydrocarbons were detected in analyses of confirmatory soil samples collected from the initial UST pits and from the subsequent over-excavation. Due to the positive confirmation sample results and because of the potentially large number of other hydrocarbon sources in the vicinity³, ACHCS subsequently requested a ground water investigation workplan to determine the extent of the McGrath UST petroleum hydrocarbon impact to soil and/or ground water.

On May 20, 1998, Weiss drilled three boreholes (B-1 cross-gradient, B-2 upgradient, and B-5 downgradient) near the location of the former USTs⁴. Petroleum hydrocarbons were detected only in soil samples collected from boring B-5 at a depth of 12 feet below ground surface (ft bgs). TPH-G was detected at a concentration of 27 parts per million (ppm), TPH-D was detected at 2.8 ppm, benzene was detected at 0.28 ppm, toluene was detected at 0.6 ppm, total xylenes was detected at 0.49 ppm, and methyl tertiary butyl ether (MTBE) was detected at 3.8 ppm. Petroleum hydrocarbons were detected in ground water samples collected from borings B-1, B-2, and B-5 at maximum concentrations of 270 ppm of TPH-G, 1.6 ppm TPH-D, and 59 ppm MTBE. Also detected were 21 ppm, 34 ppm, 6 ppm, and 36 ppm (respectively) of benzene, toluene, ethylbenzene, and total xylenes (BTEX).

In September 1999, Weiss proposed to further delineate the extent of dissolved petroleum hydrocarbons in ground water downgradient from the former USTs by installing a ground water monitoring well. It is assumed that the workplan was not approved by the ACHCS and that the proposed Site characterization work was not conducted. A revised site characterization workplan was submitted to the ACHCS on August 26, 2005.

Objective

ACHCS confirmed the completion of site investigations and remedial actions at the Clearprint site and requested closure of the site on June 27, 2005. Two of Clearprint's monitoring wells—MW-1 and MW-2—were destroyed on June 22, 2005 as part of case closure activities requested by ACHCS. In their June 30, 2005 letter to McGrath Steel, the ACHCS requested that McGrath Steel incorporate Clearprint monitoring well MW-3 into its ground water monitoring program.

³ A 1995 regulatory database search confirmed at least 48 leaking UST sites within a half-mile radius of the Clearprint and McGrath facilities, seven having impacted ground water with TPH-G and three having impacted ground water with TPH-D. Neither the Clearprint nor the McGrath facility was included in the list of 48 sites.

⁴ Per the Weiss Subsurface Investigation Report dated August 5, 1998, only three of seven proposed boreholes for the 1998 investigation were drilled due to adverse field conditions and schedule restraints.

Summary of Field Activities

On December 20, 2005, a Weiss field technician collected ground water samples from well MW-3. Ground water was encountered at 10.82 feet below top-of-casing. Purge water was collected in a 55-gallon drum, labeled, and stored onsite at the McGrath Steel property pending analytical results and appropriate disposal. The samples were labeled, placed in a cooler with ice, and transported under chain-of-custody procedures to Curtis and Tompkins Analytical Laboratory in Berkeley, California. The samples were analyzed for TPH-D, TPH-G, BTEX, MTBE, tert-amyl methyl ether (TAME), ethyl tert-butyl ether (ETBE), di-isopropyl ether (DIPE), tert-butyl alcohol (TBA), ethylene dibromide (EDB), and ethylene dichloride (EDC) using United States Environmental Protection Agency (USEPA) Methods 8015M and 8260B.

Analytic Results

Ground water collected from well MW-3 on December 20, 2005 contained the following constituents:

- 54 ppm TPH-G;
- 2.6 ppm TPH-D;
- 12 ppm MTBE;
- 6.0 ppm benzene;
- 10 ppm toluene;
- 1.7 ppm ethylbenzene;
- 7.0 ppm m,p-xylene; and,
- 2.6 ppm o-xylene.

Results are summarized on Figure 2 and in Table 1, and the laboratory analytic report is included as Attachment A.

Closing

This ground water sample event at well MW-3 was conducted contemporaneously with the site characterization investigation requested by the ACHCS in its letter to McGrath Steel dated June 30, 2005. These ground water sample results will also be reported in the site characterization investigation report, which will be submitted to ACHCS by February 24, 2006. If you have any questions or concerns regarding the sample event or site investigation, or any questions or comments regarding this report, please feel welcome to contact me at 650-968-7000 or lms@weiss.com.



Sincerely,
Weiss Associates

A handwritten signature in blue ink, appearing to read "Letitia Maile Smith".

L. Maile Smith, PG
Project Manager

Figures 1 and 2

Table 1

Attachment A – Laboratory Analytic Report

cc: Mr. Jon Braden, McGrath Steel Company

LMS:lms

J:\McGrath\1761_2005\reports\05Q4\0512GWrppt.doc

FIGURES



Figure 1. Site Location Map—McGrath Steel, 6655 Hollis Street, Emeryville, California

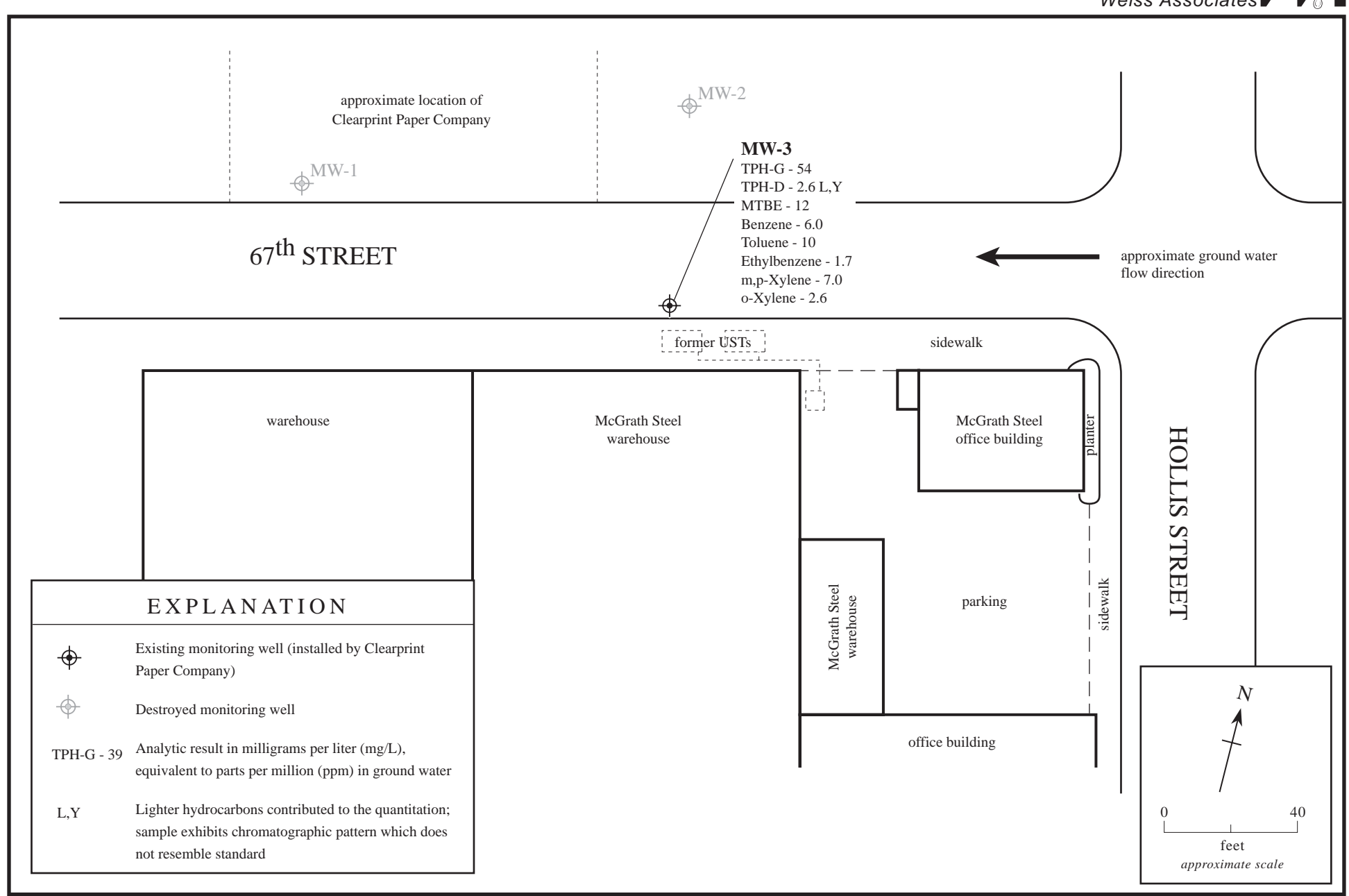


Figure 2. Summary of Monitoring Well MW-3 Analytic Results, December 2005, McGrath Steel, 6655 Hollis Street, Emeryville, California

TABLES

Table 1. Chemical Analytic Results Summary for Monitoring Well MW-3, McGrath Steel, Emeryville, California

Sample ID	Sample Date	Analytic Method	TPH-G (mg/L)	TPH-D (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	m,p-Xylene (mg/L)	o-Xylene (mg/L)	MTBE (mg/L)	TAME (mg/L)	ETBE (mg/L)	DIPE (mg/L)	TBA (mg/L)	EDB (mg/L)
3rd Quarter 2005:															
MW-3	22-Aug-05	8015M, 8260B	39	2.5 L,Y	3.1	3.8	1.1	3.4	1.3	7.2	ND	ND	ND	ND	ND
<i>Laboratory Detection Limit</i>			0.5	0.05	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	1.3	0.063
4th Quarter 2005:															
MW-3	20-Dec-05	8015M, 8260B	54	2.6 L,Y	6.0	10	1.7	7.0	2.6	12	ND	ND	ND	ND	ND
<i>Laboratory Detection Limit</i>			2	0.05	0.02	0.02	0.02	0.02	0.02	0.063	0.063	0.063	0.063	1.3	0.063

Notes and Abbreviations

8015M = Modified USEPA Method 8015 for total volatile and extractable petroleum hydrocarbons

8260B = USEPA Method 8260 for volatile organic compounds (VOCs) by gas chromatography-mass spectrometry (GCMS)

DIPE = di-isopropyl ether

EDB = ethylene dibromide; 1,2-dibromoethane

EDC = ethylene dichloride; 1,2-dichloroethane

ETBE = ethyl tert-butyl ether

L = lighter hydrocarbons contributed to the quantitation

mg/L = milligrams per liter; equivalent to parts per million (ppm) in ground water

MTBE = methyl tertiary butyl ether

ND = not detected above laboratory reporting limit

TAME = tert-amyl methyl ether

TBA = tert-butyl alcohol

TPH-D = total petroleum hydrocarbons as diesel (C10-C24 range)

TPH-G = total petroleum hydrocarbons as gasoline (C7-C12 range)

Y = sample exhibits chromatographic pattern which does not resemble standard

ATTACHMENT A

Curtis & Tompkins Laboratories Analytical Report

Lab #:	183988	Location:	McGrath Steel
Client:	Weiss Associates	Prep:	EPA 5030B
Project#:	184-1761-01-3		
Matrix:	Water	Received:	12/22/05
Units:	ug/L		

Field ID:	B-14-W	Batch#:	109128
Type:	SAMPLE	Sampled:	12/21/05
Lab ID:	183988-022	Analyzed:	12/29/05
Diln Fac:	25.00		

Analyte	Result	RL	Analysis
Gasoline C7-C12	47,000	1,300	EPA 8015B
Benzene	1,500	13	EPA 8021B
Toluene	5,900	13	EPA 8021B
Ethylbenzene	1,200	13	EPA 8021B
m,p-Xylenes	4,900	13	EPA 8021B
o-Xylene	2,200	13	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	125	62-141	EPA 8015B
Bromofluorobenzene (FID)	113	78-134	EPA 8015B
Trifluorotoluene (PID)	112	67-127	EPA 8021B
Bromofluorobenzene (PID)	103	80-122	EPA 8021B

Field ID:	MW-3	Batch#:	109005
Type:	SAMPLE	Sampled:	12/20/05
Lab ID:	183988-026	Analyzed:	12/27/05
Diln Fac:	40.00		

Analyte	Result	RL	Analysis
Gasoline C7-C12	54,000	2,000	EPA 8015B
Benzene	6,000	20	EPA 8021B
Toluene	10,000	20	EPA 8021B
Ethylbenzene	1,700	20	EPA 8021B
m,p-Xylenes	7,000	20	EPA 8021B
o-Xylene	2,600	20	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	97	62-141	EPA 8015B
Bromofluorobenzene (FID)	105	78-134	EPA 8015B
Trifluorotoluene (PID)	98	67-127	EPA 8021B
Bromofluorobenzene (PID)	119	80-122	EPA 8021B

*= Value outside of QC limits; see narrative
 C= Presence confirmed, but RPD between columns exceeds 40%
 Y= Sample exhibits chromatographic pattern which does not resemble standard
 b= See narrative
 NA= Not Analyzed
 ND= Not Detected
 RL= Reporting Limit
 Page 4 of 5

Total Extractable Hydrocarbons

Lab #:	183988	Location:	McGrath Steel
Client:	Weiss Associates	Prep:	EPA 3520C
Project#:	184-1761-01-3	Analysis:	EPA 8015B
Matrix:	Water	Received:	12/22/05
Units:	ug/L	Prepared:	12/28/05
Batch#:	109078		

Field ID:	B-14-W	Sampled:	12/21/05
Type:	SAMPLE	Analyzed:	12/30/05
Lab ID:	183988-022	Cleanup Method:	EPA 3630C
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	1,600 L Y	50

Surrogate	%REC	Limits
Hexacosane	83	60-135

Field ID:	MW-3	Sampled:	12/20/05
Type:	SAMPLE	Analyzed:	12/30/05
Lab ID:	183988-026	Cleanup Method:	EPA 3630C
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	2,600 L Y	50

Surrogate	%REC	Limits
Hexacosane	93	60-135

Type:	BLANK	Analyzed:	12/30/05
Lab ID:	QC322552	Cleanup Method:	EPA 3630C
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
Hexacosane	110	60-135

L= Lighter hydrocarbons contributed to the quantitation
 Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Gasoline Oxygenates by GC/MS

Lab #:	183988	Location:	McGrath Steel
Client:	Weiss Associates	Prep:	EPA 5030B
Project#:	184-1761-01-3	Analysis:	EPA 8260B
Matrix:	Water	Received:	12/22/05
Units:	ug/L		

Field ID: B-14-W	Sampled: 12/21/05
Type: SAMPLE	Analyzed: 12/28/05
Lab ID: 183988-022	

Analyte	Result	RL	Diln Fac	Batch#
tert-Butyl Alcohol (TBA)	ND	1,000	100.0	109029
MTBE	12,000	83	166.7	109063
Isopropyl Ether (DIPE)	ND	50	100.0	109029
Ethyl tert-Butyl Ether (ETBE)	ND	50	100.0	109029
Methyl tert-Amyl Ether (TAME)	ND	50	100.0	109029
1,2-Dichloroethane	ND	50	100.0	109029
1,2-Dibromoethane	ND	50	100.0	109029

Surrogate	%REC	Limits	Diln Fac	Batch#
Dibromofluoromethane	100	80-121	100.0	109029
1,2-Dichloroethane-d4	95	80-125	100.0	109029
Toluene-d8	102	80-120	100.0	109029
Bromofluorobenzene	98	80-124	100.0	109029

Field ID: MW-3	Batch#: 109029
Type: SAMPLE	Sampled: 12/20/05
Lab ID: 183988-026	Analyzed: 12/28/05
Diln Fac: 125.0	

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	1,300
MTBE	12,000	63
Isopropyl Ether (DIPE)	ND	63
Ethyl tert-Butyl Ether (ETBE)	ND	63
Methyl tert-Amyl Ether (TAME)	ND	63
1,2-Dichloroethane	ND	63
1,2-Dibromoethane	ND	63

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-121
1,2-Dichloroethane-d4	81	80-125
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-124

183988

Please send analytic results and a copy of the signed chain of custody form to:
L. Maile Smith
lms@weiss.com
 Project ID: 184-1761-01-5
 Protocol No.: 1761_122005

LAB PERSONNEL:
 Please Include QA/QC Data
 Specify analytic method and detection limit in report
 Notify us of any anomalous peaks in GC or other scans.
 Notify us of any questions or problems
Please provide EDD in CA EDF format.

CHAIN-OF-CUSTODY RECORD AND ANALYTIC INSTRUCTIONS

Sampled by: DCS Laboratory Name: C&T Site Name: McGrath Steel

-23
-24
-25
-26
-27
-28

Sample ID	Sample Date	Sample Time	# of Containers	Sample/ Container Type ¹	Volume	Preservative?	Filter? 2	Refrig? 3	Turn 4	Analyze for	Analytical Method	Special Instructions
B-14-5	12/21/05	1040	1	S/T	2x6 _{0.5}	None	N	Y	N	TPH-Diesel	8015M	8015M Extractable. Silica gel cleanup chromatograms of sample and standards.
B-14-	1	↓	+	S/T	2x6	None	N	Y	N	TPH-Gas, BTEX, MTBE+Gas Ox	8015M 8260B	8015M Purgeable. Include TAME, ETBE, DIPE, TBA, EDB, and EDC.
B-14-10		1100	1	S/T	2x6 _{0.5}	None	N	Y	N	TPH-Diesel	8015M	8015M Extractable. Silica gel cleanup chromatograms of sample and standards.
B-14-	↓	↓	-	S/T	2x6	None	N	Y	N	TPH-Gas, BTEX, MTBE+Gas Ox	8015M 8260B	8015M Purgeable. Include TAME, ETBE, DIPE, TBA, EDB, and EDC.
B-14-16		1120	1	S/T	2x6 ₁₂	None	N	Y	N	TPH-Diesel	8015M	8015M Extractable. Silica gel cleanup chromatograms of sample and standards.
B-14-	↓	↓	+	S/T	2x6	None	N	Y	N	TPH-Gas, BTEX, MTBE+Gas Ox	8015M 8260B	8015M Purgeable. Include TAME, ETBE, DIPE, TBA, EDB, and EDC.
MW-3	12/20/05	805	1	W/A	1 L	None	N	Y	N	TPH-Diesel	8015M	8015M Extractable. Silica gel cleanup chromatograms of sample and standards.
MW-3	12/20/05	805	4	W/V	40 ml	HCl	N	Y	N	TPH-Gas, BTEX, MTBE+Gas Ox	8015M 8260B	8015M Purgeable. Include TAME, ETBE, DIPE, TBA, EDB, and EDC.
Travel Blank	12/20/05	700	1	W/V	40 ml	HCl	N	Y	Hold	BTEX + MTBE + Gas Ox	8260B	Include TAME, ETBE, DIPE, TBA, EDB, and EDC. Hold.
Travel Blank	12/21/05	715	1	W/V	40 ml	HCl	N	Y	Hold	BTEX + MTBE + Gas Ox	8260B	incl. TAME, ETBE, DIPE, TBA, EDB, and EDC. Hold.

1 [Signature] 12/21/05 @ 1600 3 5

Released by (Signature), Date, Time

1 (Affiliation) SE 46 3 (Affiliation) [Signature] 5 (Affiliation) [Signature]

2 [Signature] 4 6

Received by (Signature), Date, Time

2 (Affiliation) CTT 12/22/05 900 4 (Affiliation) [Signature] 6 (Affiliation) [Signature]

1 = Sample Type Codes: W = Water, S = Soil, Describe Other: Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B - Clear/Brown Glass, Describe Other:
 Cap Codes: PT = Plastic, Teflon Lined 2 = Filtered (Y/N) 3 = Refrigerated (Y/N) 4 = Turnaround: N = Normal, W = 1 Week, R = 24 Hour, HOLD (write out)

= Samples stored in a secured, locked area.

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS: Intact/cold
JGW 12.22.05 10/10