R0370

November 1, 2005
Letter 0055.L60

Mr. Amir Gholami
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

SUBJECT: DOCUMENT CERTIFICATION
Former Haber Oil Station
1401 Grand Ave.
San Leandro, California

Dear Mr. Gholami:

You will find enclosed one copy of the following report prepared by P&D Environmental, Inc.

- Quarterly Groundwater Monitoring and Sampling Report dated October 31, 2005 (document 0055.R24) for monitoring and sampling on August 31, 2005

I declare, under penalty of perjury, that the information and/or recommendations contained in the above-mentioned report and work plan for the subject site is true and correct to the best of my knowledge.

Should you have any questions, please do not hesitate to contact me at (510) 785-0565.

Sincerely,

Manmohan Chopra

Enclosure

PHK/wrw
0055.L60

P & D ENVIRONMENTAL, INC.

55 Santa Clara Ave, Suite 240
Oakland, CA 94610
(510) 658-6916

October 31, 2005
Report 0055.R24

Mr. Manmohan Chopra
29211 Marshbrook Drive
Hayward, CA 94545

SUBJECT: QUARTERLY GROUNDWATER MONITORING AND SAMPLING REPORT
(AUGUST 31, 2005 SAMPLING EVENT)
Former Haber Oil Station
1401 Grand Avenue
San Leandro, California

Dear Mr. Chopra:

P&D Environmental, Inc. (P&D) is pleased to present this report documenting the results of the most recent quarterly monitoring and sampling of the eight groundwater monitoring wells at or near the subject site. This work was performed in accordance with P&D's proposal 022698.P1 dated February 26, 1998. All of the wells were monitored and sampled on August 31, 2005. A Site Location Map (Figure 1) and Site Vicinity Map (Figure 2) are attached with this report.

BACKGROUND

The site is presently used as an active gasoline station. It is P&D's understanding that on April 24, 1991 Aegis Environmental, Inc. (Aegis) personnel drilled four soil borings, designated as B-1 through B-4, to a vertical depth of approximately 40 feet at the site. The locations of the borings are shown on Figure 2. A total of nine soil samples collected from the boreholes were analyzed for total petroleum hydrocarbons as gasoline (TPH-G); Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX) by EPA Method 8260; and for total lead by EPA Method 7420. TPH-G concentrations ranged from below detection limit to 66 milligram per kilogram (mg/kg). Benzene concentrations ranged from not detected to 0.94 mg/kg. Total lead concentrations ranged from not detected to 3 mg/kg. Documentation of the subsurface investigation and results are presented in a report prepared by Aegis titled, "Soil Boring Results Report," dated June 10, 1991.

It is P&D's understanding that on April 14, 1992 Aegis personnel returned to the site to drill three slant borings, designated as B5 through B7, to a total vertical depth of approximately 49 feet at the site. The borings were drilled at an angle of approximately 26 to 28 degrees to collect samples from beneath the underground storage tanks. The locations of the borings are shown on Figure 2. A total of twenty-two soil samples were analyzed for TPH-G using EPA Method 5030, and for BTEX using EPA Method 8240. In addition, one of the samples was analyzed for total lead using EPA Method 7420, and several of the soil samples were analyzed for soluble lead using the California Waste Extraction Test. TPH-G concentrations ranged from not detected to 4,000 mg/kg. Benzene, concentrations ranged from not detected to 11 mg/kg. Total lead was not detected, and soluble lead concentrations ranged from not detected to 0.061 mg/kg. Documentation of the subsurface investigation and results are presented in a report prepared by Aegis titled, "Initial Subsurface Investigation Results Report," dated June 22, 1992.

It is P&D's understanding that between September 15 and 18, 1992 Aegis personnel returned to the site to install five groundwater monitoring wells, designated as MW1 through MW5. The wells were drilled to total depths of between 50 and 55 feet, and were constructed using four-inch diameter PVC pipe. Wells MW1 and MW2 were constructed with perforated casing between the depths of approximately 15 and 55 feet. Wells MW3, MW4 and MW5 were constructed with perforated casing between the depths of approximately 35 and 55 feet. Groundwater was reported as first encountered at a depth of 42 feet. The well locations are shown in Figure 2.

A total of thirty-one soil samples were analyzed for TPH-G using EPA Method 5030/8015; and for BTEX using EPA Method 8020. In addition, three soil samples containing TPH-G were analyzed for total metals concentrations of cadmium, chromium, lead, and zinc using EPA Method 6010 and 7421. One soil sample was collected from each borehole from below the air-water interface and analyzed for petrophysical properties, including saturated permeability and grain size distribution.

TPH-G concentrations ranged from not detected to 39 mg/kg. Benzene concentrations ranged from not detected to 0.27 mg/kg. The total metals concentrations were all less than 10 times their respective STLC values. The subsurface materials encountered in the borings indicate that soil types vary across the site, but generally consist of silty clay, silt, clayey silt and sandy silt from the surface to a depth of between 30 and 35 feet. Below the depth of 30 to 35 feet, layers of sand and sandy silt were reported to have been encountered.

It is P&D's understanding that on September 29, 1992 Aegis personnel collected groundwater samples from wells MW1, MW2, MW4 and MW5 at the site. A sample was not collected from well MW3 due to the reported presence of 0.02 feet of floating hydrocarbons. The measured depth to water ranged from approximately 41.5 to 44.5 feet. The samples were analyzed for TPH-G using EPA Method 5030/8015; and for BTEX using EPA Method 8020. TPH-G concentrations ranged from 0.06 to 20 mg/L, and benzene concentrations ranged from 0.16 to 10 mg/L. Based upon the water level measurements in the wells, the groundwater flow direction was reported to be to the northwest. The water level measurements are summarized in Table 1. The analytical results are summarized in Table 2.

It is P&D's understanding that on October 7, 1992 Aegis personnel performed rising head slug tests wells MW1, MW2, and MW4 to estimate the saturated hydraulic conductivity at the site. In addition, two short-term soil vapor extraction tests were performed on wells MW1 and MW2. Wells MW3, MW4, and MW5 were used as vacuum influence monitoring points. Documentation of the monitoring well groundwater sample collection, slug test and vapor extraction tests are presented in a report prepared by Aegis titled, "Problem Assessment Report," dated December 16, 1992.

On February 18, 1994 P&D personnel monitored the five groundwater monitoring wells at the site for depth to water and the presence of free product or sheen. The depth to water was measured using an electric water level indicator, and the presence of free product and sheen was evaluated using a transparent bailer. The measured depth to water in the wells ranged from approximately 39.8 to 42.9 feet. No evidence of free product or sheen was detected in any of the wells. Based on the measured depth to water in the wells, the groundwater flow direction was

calculated to be to the north with a gradient of 0.054. In a letter dated October 19, 1995 Mr. Scott Seery of the Alameda County Department of Environmental Health (ACDEH) requested that all of the onsite and offsite wells be monitored and sampled for the quarterly monitoring and sampling program. The measured depth to water in the wells is presented in Table 1.

On June 15 and 16, 1995 P&D installed three offsite monitoring wells, designated as MW6 through MW8. The locations of the wells are shown on Figure 2. Documentation of the well installation and sample results is presented in P&D's report 0055.R5 dated August 23, 1995.

The underground storage tanks at the subject site were replaced in the first half of 1997. Following removal of the tanks, excavation of soil was performed in the area surrounding well MW1. As a result of the excavation activities, the elevation at the top of well MW1 was altered. The present elevation for the top of well MW1 is unknown.

In January 2003 Ms. Eva Chu of the ACDEH requested that the wells be analyzed for fuel oxygenates using EPA Method 8260. In a letter dated June 20, 2003 Ms. Chu requested that the analysis be continued.

FIELD ACTIVITIES

On August 31, 2005 all eight of the wells in the groundwater monitoring network for the site were monitored, purged, and sampled by P&D personnel. The wells were monitored for depth to water and the presence of free product or sheen. Depth to water was measured to the nearest 0.01 foot using an electric water level indicator. The presence of sheen was evaluated using a transparent bailer. No free product or sheen was observed in any of the wells. Depth to water level measurements and monitoring well groundwater surface elevations are presented in Table 1.

Prior to sampling, the wells were purged of a minimum of three casing volumes of water. Petroleum hydrocarbon odors were detected in purge water from wells MW1 through MW4. During purging operations, the field parameters of electrical conductivity, temperature and pH were monitored. Once the field parameters were observed to stabilize, and a minimum of three casing volumes had been purged, water samples were collected using a clean Teflon bailer. The water samples were transferred to 40-milliliter glass Volatile Organic Analysis (VOA) vials, which were sealed with Teflon-lined screw caps. The VOA vials were overturned and tapped to ensure that no air bubbles were present.

The VOA vials were then transferred to a cooler with ice, and later were transported to McCampbell Analytical, Inc. in Pacheco, California. McCampbell Analytical, Inc. is a State-certified hazardous waste testing laboratory. Chain of custody documentation accompanied the samples to the laboratory. Records of the field parameters measured during well purging are attached with this report.

GEOLOGY AND HYDROGEOLOGY

The subsurface materials encountered in the borings drilled by Aegis indicate that soil types vary across the site, but generally consist of silty clay, silt, clayey silt, and sandy silt from the surface to

a depth of between 30 and 35 feet. Below the depth of 30 to 35 feet, layers of sand and sandy silt were reported to have been encountered. Groundwater has historically been encountered at the site at depths ranging from approximately 40 to 45 feet below grade.

Based upon the regional groundwater flow direction identified by Woodward-Clyde Consultants in a report titled, "Hydrogeology of Central San Leandro and Remedial Investigation of Regional Groundwater Contamination - San Leandro Plume - San Leandro, California - Volume I," prepared for the California Environmental Protection Agency and dated December 29, 1993 the regional groundwater flow direction to the west of the site appears to be to the southwest. However, based upon the measured depth to water in the five wells at the site on September 29, 1992 Aegis identified a northwesterly groundwater flow direction. Based upon water level measurements collected by P&D from the five wells at the site on February 18, July 5, and October 12, 1994, February 1, and May 4, 1995 the groundwater flow direction at the site was calculated to be to the north, towards San Leandro Creek. Based upon water level measurements collected in wells MW1 through MW8 by P&D personnel on June 23 and December 19, 1995, March 28 and June 21, 1996 the groundwater flow direction was calculated to be to the northwest.

Since the previous quarterly monitoring on June 22, 2005, groundwater elevations have decreased in all of the wells by amounts ranging from 1.21 to 1.52 feet. The groundwater flow direction on August 31, 2005 was to the northwest with a gradient of 0.050.

The northwesterly groundwater flow direction has remained relatively unchanged and the gradient has increased from 0.036 since the previous water level measurements on June 22, 2005. The groundwater monitoring data are presented in Table 1. The groundwater flow direction at the site on August 31, 2005 is shown on Figure 2.

LABORATORY RESULTS

All of the groundwater samples collected from the monitoring wells were analyzed for TPH-G using Modified EPA Method 8015C and for Volatile Organic Compounds (VOCs), including fuel oxygenates using EPA Method 8260B in accordance with a request from Ms. Eva Chu of the ACDEH.

The laboratory analytical results for the groundwater samples from wells MW2, MW3 and MW4 show that TPH-G was detected at concentrations of 43, 0.49, and 0.064 mg/L, respectively. TPH-G was not detected in any of the other wells. MTBE was detected in wells MW1, MW2, MW3, MW4, MW5 and MW6 at concentrations of 0.14, 3.6, 2.5, 1.5, 0.0027, and 0.0014 mg/L, respectively. MTBE was not detected in wells MW7 and MW8.

BTEX compounds were not detected in any of the wells with the exception of well MW2 where concentrations ranged from 2.3 to 8.3 mg/L. No fuel oxygenates other than MTBE were detected in any of the groundwater samples.

In well MW2, 1,2,4-trimethylbenzene, naphthalene, n-propyl benzene, and 1,3,5-trimethylbenzene were detected at concentrations of 1.9, 0.65, 0.26 and 0.43 mg/L, respectively. None of these

compounds were detected in any of the other wells. Chloroform was detected in wells MW5, MW6, MW7 and MW8 at concentrations of 0.00063, 0.00062, 0.0011 and 0.00067 mg/L, respectively. Tetrachloroethene (PCE) was not detected in any of the wells except MW8 at a concentration of 0.002 mg/L.

Since the previous sampling event in February 2005, TPH-G concentrations have decreased in well MW3, increased in wells MW2 and MW4, and remained not detected in the remaining wells. MTBE concentrations have decreased in wells MW1, MW2 and MW3, increased in wells MW4, MW5 and MW6, and remained not detected in wells MW7 and MW8. The benzene concentration increased in well MW2 and remained not detected in all other wells.

The laboratory analytical results are summarized in Table 2. Copies of the laboratory analytical report and chain of custody documentation are attached with this report.

DISCUSSION AND RECOMMENDATIONS

Based on the depth to water measurements on August 31, 2005 for monitoring wells MW4, MW6, MW7, and MW8, the groundwater flow direction at the subject site has remained northwesterly and the gradient has increased since the previous monitoring and sampling event in June, 2005.

Since the previous sampling event in June, 2005, TPH-G concentrations have decreased in well MW3, increased in wells MW2 and MW4, and remained not detected in remaining wells. MTBE concentrations have decreased in wells MW4, MW5 and MW6, increased in wells MW1, MW2 and MW3, and remained not detected in the remaining wells. The benzene concentration increased in well MW2 and remained not detected in all other wells. No fuel oxygenates other than MTBE were detected in any of the groundwater samples.

The near-detection limit concentrations of halogenated volatile organic compounds detected in wells MW5 through MW8 are consistent with historic results detected in these wells and are interpreted to be associated with sources not related to the subject site.

Based on the sample results P&D recommends that the quarterly groundwater monitoring and sampling program be continued.

DISTRIBUTION

A copy of this report should be forwarded to Mr. Amir Gholami at the ACDEH.

LIMITATIONS

This report was prepared solely for the use of Mr. Manmohan Chopra. The content and conclusions provided by P&D in this assessment are based on information collected during our investigation, which may include, but not be limited to, visual site inspections; interviews with the site owner, regulatory agencies and other pertinent individuals; review of available public documents; subsurface exploration and our professional judgment based on said information at the

time of preparation of this document. Any subsurface sample results and observations presented herein are considered to be representative of the area of investigation; however, geological conditions may vary between borings and pits and may not necessarily apply to the general site as a whole. If future subsurface or other conditions are revealed which vary from these findings, the newly revealed conditions must be evaluated and may invalidate the findings of this report.

This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials or hazardous wastes left onsite, in accordance with existing laws and regulations.

This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. P&D is not responsible for the accuracy or completeness of information provided by other individuals or entities, which is used in this report. This report presents our professional judgment based upon data and findings identified in this report and interpretation of such data based upon our experience and background, and no warranty, either express or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

Should you have any questions, please do not hesitate to contact us at (510) 658-6916.

Sincerely,

P&D Environmental, Inc.

Paul H. King

Paul H. King
President
Professional Geologist #5901
Expires: 12/31/05

Attachments: Tables 1 & 2
Site Location Map (Figure 1)
Site Vicinity Map (Figure 2)
Field Parameter Forms
Laboratory Analytical Reports
Chain of Custody Documentation

PHK/efo
0055.R24

TABLE 1
WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elevation (ft.)	Depth to Water (ft.)	Water Table Elevation (ft.)
MW1	8/31/05	Not Available	39.27	Not Available
	6/22/05	Not Available	37.91	Not Available
	2/09/05	Not Available	38.02	Not Available
	8/31/04	Not Available	40.35	Not Available
	6/03/04	Not Available	39.59	Not Available
	2/20/04	Not Available	38.45	Not Available
	11/25/03	Not Available	40.00	Not Available
	7/15/03	Not Available	39.60	Not Available
	4/16/03	Not Available	38.91	Not Available
	1/20/03	Not Available	38.21	Not Available
	2/16/99	Not Available	34.58	Not Available
	1/25/98	Not Available	33.70	Not Available
	7/14/97	Not Available	39.45	Not Available
	3/11/97	87.98+	36.90	51.08
	6/21/96		38.56	49.42
	3/28/96		37.10	50.88
	12/19/95		40.16	47.82
	6/23/95		38.54	49.44
	5/04/95	87.96++	37.65	50.33
	2/01/95		38.46	49.52
	10/12/94		42.01	45.97
	7/05/94		41.36	46.62
	2/18/94		41.02	46.96
	9/29/92		42.77	45.21

NOTES:
Elevations are in feet above Mean Sea Level.
ft. = Feet.
+ = Indicates survey data provided by Kier & Wright dated June 26, 1995.
++ = Indicates survey data provided by Aegis Environmental

TABLE 1 (Continued)
WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elevation (ft.)	Depth to Water (ft.)	Water Table Elevation (ft.)
MW2	8/31/05	86.61+	38.00	48.61
	6/22/05		36.76	49.85
	2/10/05		37.15	49.46
	8/31/04		39.07	47.54
	6/03/04		38.32	48.29
	2/20/04		37.27	49.34
	11/25/03		38.68	47.93
	7/15/03		38.15	48.46
	4/16/03		37.50	49.11
	1/20/03		37.04	49.57
	2/16/99		33.51	53.10
	1/25/98		32.80	53.81
	7/14/97		38.46	48.15
	3/11/97		35.71	50.90
	6/21/96		37.30	49.31
	3/28/96		35.97	50.64
	12/19/95		38.80	47.81
	6/23/95		37.40	49.21
	5/04/95	86.60++	36.54	50.07
	2/01/95		37.27	49.34
	10/12/94		40.77	45.84
	7/05/94		40.13	46.48
	2/18/94		39.81	46.80
	9/29/92		41.55	45.06

NOTES:
Elevations are in feet above Mean Sea Level.
ft. = Feet.
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++ = Indicates survey data provided by Aegis Environmental

TABLE 1 (Continued)
WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elevation (ft.)	Depth to Water (ft.)	Water Table Elevation (ft.)
MW3	8/31/05	87.48+	41.12	46.36
	6/22/05		39.78	47.70
	2/10/05		40.11	47.37
	8/31/04		42.03	45.45
	6/03/04		41.34	46.14
	2/20/04		40.23	47.25
	11/25/03		41.70	45.78
	7/15/03		41.34	46.14
	4/16/03		40.60	46.88
	1/20/03		39.81	47.67
	2/16/99		34.91	52.57
	1/25/98		33.91	53.57
	7/14/97		40.61	46.87
	3/11/97		38.71	48.77
	6/21/96		40.61	46.87
	3/28/96		38.75	48.73
	12/19/95		42.20	45.28
	6/23/95		40.65	46.83
	5/04/95	87.50++	39.61	47.87
	2/01/95		40.13	47.35
	10/12/94		43.92	43.56
	7/05/94		43.32	44.16
	2/18/94		43.09	44.39
	9/29/92		44.60	42.88*

NOTES:
Elevations are in feet above Mean Sea Level.
ft. = Feet.
+ = Indicates survey data provided by Kier & Wright dated June 26, 1995.
++ = Indicates survey data provided by Aegis Environmental, Inc.
** = Indicates depth to water measurements prior to groundwater monitoring well development.

TABLE 1 (Continued)
WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elevation (ft.)	Depth to Water (ft.)	Water Table Elevation (ft.)
MW4	8/31/05	86.21+	37.81	48.40
	6/22/05		36.54	49.67
	2/10/05		36.99	49.22
	8/31/04		38.68	47.53
	6/03/04		38.01	48.20
	2/20/04		36.91	49.30
	11/25/03		38.43	47.78
	7/15/03		38.04	48.17
	4/16/03		37.32	48.89
	1/20/03		36.70	49.51
	2/16/99		33.43	52.78
	1/25/98		32.96	53.25
	7/14/97		38.10	48.11
	3/11/97		33.24	52.97
	6/21/96		37.12	49.09
	3/28/96		35.00	51.21
	12/19/95		38.45	47.76
	6/23/95		37.40	48.81
	5/04/95	86.20++	36.33	49.88
	2/01/95		36.96	49.25
	10/12/94		40.48	45.73
	7/05/94		39.69	46.52
	2/18/94		39.36	46.85
	9/29/92		44.29	41.92

NOTES:
Elevations are in feet above Mean Sea Level.
ft. = Feet.
+ = Indicates survey data provided by Kier & Wright dated June 26, 1995.
++ = Indicates survey data provided by Aegis Environmental, Inc.

TABLE 1 (Continued)
WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elevation (ft.)	Depth to Water (ft.)	Water Table Elevation (ft.)
MW5	8/31/05	89.10+	40.68	48.42
	6/22/05		39.28	49.82
	2/09/05		39.49	49.61
	8/31/04		41.75	47.35
	6/03/04		40.95	48.15
	2/20/04		39.69	49.41
	11/25/03		41.41	47.69
	7/15/03		41.06	48.04
	4/16/03		39.92	49.18
	1/20/03		39.50	49.60
	2/16/99		35.08	54.02
	1/25/98		34.08	55.02
	7/14/97		41.20	47.90
	3/11/97		38.02	51.08
	6/21/96		40.03	49.07
	3/28/96		38.30	50.80
	12/19/95		41.79	47.31
	6/23/95		39.87	49.23
	5/04/95	89.06++	38.94	50.16
	2/01/95		39.94	49.16
	10/12/94		43.81	45.29
	7/05/94		43.08	46.02
	2/18/94		42.88	46.22
	9/29/92		44.53	44.57

NOTES:
Elevations are in feet above Mean Sea Level.
ft. = Feet.
+ = Indicates survey data provided by Kier & Wright dated June 26, 1995.
++ = Indicates survey data provided by Aegis Environmental, Inc.

TABLE 1 (Continued)
WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elevation (ft.)	Depth to Water (ft.)	Water Table Elevation (ft.)
MW6	8/31/05	84.02+	38.51	45.51
	6/22/05		37.30	46.72
	2/09/05		37.51	46.51
	8/31/04		39.27	44.75
	6/03/04		38.64	45.38
	2/20/04		37.61	46.41
	11/25/03		38.97	45.05
	7/15/03		38.61	45.41
	4/16/03		38.00	46.02
	1/20/03		37.21	46.81
	2/16/99		32.82	51.20
	1/25/98		31.64	52.38
	7/14/97		39.04	44.98
	3/11/97		36.32	47.70
	6/21/96		38.00	46.02
	3/28/96		36.18	47.84
	12/19/95		39.25	44.77
	6/23/95		38.17	45.85
	6/21/95**		38.11	45.91

NOTES:
Elevations are in feet above Mean Sea Level.
ft. = Feet.
+ = Indicates survey data provided by Kier & Wright dated June 26, 1995.
++ = Indicates survey data provided by Aegis Environmental, Inc.
** = Indicates depth to water measurements prior to groundwater monitoring well development.

TABLE 1 (Continued)
WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elevation (ft.)	Depth to Water (ft.)	Water Table Elevation (ft.)
MW7	8/31/05	87.11+	41.16	45.95
	6/22/05		39.85	47.26
	2/09/05		40.03	47.08
	8/31/04		41.94	45.17
	6/03/04		41.33	45.78
	2/20/04		40.21	46.90
	11/25/03		41.68	45.43
	7/15/03		41.30	45.81
	4/16/03		40.63	46.48
	1/20/03		39.77	47.34
	2/16/99		34.59	52.52
	1/25/98		33.47	53.64
	7/14/97		41.97	45.14
	3/11/97		38.96	48.15
	6/21/96		40.80	46.31
	3/28/96		38.94	48.17
	12/19/95		42.26	44.85
	6/23/95		41.00	46.11
	6/21/95**		40.30	46.81

NOTES:
Elevations are in feet above Mean Sea Level.
ft. = Feet.
+ = Indicates survey data provided by Kier & Wright dated June 26, 1995.
** = Indicates depth to water measurements prior to groundwater monitoring well development

TABLE 1 (Continued)
WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elevation (ft.)	Depth to Water (ft.)	Water Table Elevation (ft.)
MW8	8/31/05	89.70+	39.95	49.75
	6/22/05		38.43	51.27
	2/09/05		38.93	50.77
	8/31/04		41.19	48.51
	6/03/04		40.36	49.34
	2/20/04		39.15	50.55
	11/25/03		40.92	48.78
	7/15/03		40.50	49.20
	4/16/03		39.52	50.18
	1/20/03		38.94	50.76
	2/16/99		33.92	55.78
	1/25/98		32.73	56.97
	7/14/97		39.98	49.72
	3/11/97		36.74	52.96
	6/21/96		38.69	51.01
	3/28/96		36.98	52.72
	12/19/95		40.35	49.35
	6/23/95		38.36	51.34
	6/21/95**		38.20	51.50

NOTES:
Elevations are in feet above Mean Sea Level.
ft. = Feet.
+ = Indicates survey data provided by Kier & Wright dated June 26, 1995.
** = Indicates depth to water measurements prior to groundwater monitoring well development.

TABLE 2
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW1)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/05	ND<0.05	0.14	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND
06/22/05	ND<0.05	0.32	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW1 Continued)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
02/09/05	0.13	0.79	ND<0.01	ND<0.01	ND<0.01	ND<0.01	ND
08/31/04	ND<0.05	0.031	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND
06/03/04	0.059	0.13	ND<0.0025	ND<0.0025	ND<0.0025	ND< 0.0025	ND
02/20/04	0.22	0.18	0.0085	ND<0.005	ND<0.005	0.0098	ND
11/25/03	0.140	0.032	0.0025	ND<0.001	ND<0.001	ND<0.001	ND
07/15/03	0.060	0.053	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND, except t-Butyl Alcohol (TBA) = 0.012
04/17/03	0.052	0.056	0.0011	ND<0.001	ND<0.001	ND<0.001	ND, except t-Butyl Alcohol (TBA) = 0.013
01/20/03	0.17	0.085	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND
02/17/99	0.97	0.29	0.067	0.12	0.0093	0.058	--
01/25/98	0.30	ND<0.014	0.021	0.00073	0.0076	0.0010	--
07/14/97	0.20	0.035	0.020	0.0055	0.0012	0.0023	--
03/11/97	0.60	0.014	0.053	0.00095	0.003	0.0015	--
06/21/96	1.4	0.019	0.30	0.0087	0.033	0.0098	--
03/28/96	1.3	0.022	0.32	0.0023	0.034	0.0046	--
12/19/95	0.50	0.0081	0.087	0.0015	0.011	0.0035	--
06/23/95	Not	Sampled					
05/4/95	2.4	--	0.67	0.0028	0.076	0.0060	--
02/01/95	4.6	--	1.8	0.0099	0.23	0.030	--
10/12/94	2.5	--	0.82	0.0039	0.10	0.020	--
07/05/94	3.0	--	1.3	0.0038	0.035	0.0025	--
09/29/92	3.1	--	0.16	ND	ND	0.0060	--

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW2)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/05	43	3.6	5.8	2.3	2.3	8.3	ND, except 1,2,4-Trimethylbenzene = 1.9 Naphthalene = 0.65 n-Propyl benzene = 0.26 1,3,5-Trimethylbenzene = 0.43
06/22/05	37	3.9	5.5	1.4	2.5	8.6	ND, except 1,2,4-Trimethylbenzene = 1.5 Naphthalene = 0.33 n-Propyl benzene = 0.22 1,3,5-Trimethylbenzene = 0.32
02/10/05	46	5.6	5.8	3.6	1.8	7.9	ND, except 1,2,4-Trimethylbenzene = 1.3 Naphthalene = 0.30 n-Propyl benzene = 0.13 1,3,5-Trimethylbenzene = 0.29

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW2 Continued)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/04	43	2.7	4.4	2.3	2.3	8.2	ND, except Isopropylbenzene = 0.061 1,2,4-Trimethylbenzene = 1.9 Naphthalene = 0.57 n-Propyl benzene = 0.20 1,3,5-Trimethylbenzene = 0.4
06/03/04	50	3.9	5.4	4.2	2.2	8.8	ND, except Naphthalene = 0.36 n-Propyl benzene = 0.14 1,2,4-Trimethylbenzene = 1.3 1,3,5-Trimethylbenzene = 0.3
02/20/04	61	2.7	5.9	3.5	2.4	10	ND, except tert-Butyl benzene = 0.15 Naphthalene = 0.23 n-Propyl benzene = 0.15 1,2,4-Trimethylbenzene = 1.3 1,3,5-Trimethylbenzene = 0.33
11/25/03	65	2.7	6.8	8.8	2.9	16	ND, except Naphthalene = 0.54 1,2,4-Trimethylbenzene = 1.8 1,3,5-Trimethylbenzene = 0.42
07/15/03	78	4.1	3.3	4.4	1.8	9.3	ND, except Naphthalene = 0.29 1,2,4-Trimethylbenzene = 1.3 1,3,5-Trimethylbenzene = 0.32 n-Propyl benzene = 0.15
04/17/03	57	5.6	3.4	5.1	2.8	10	ND, except Naphthalene = 0.43 1,2,4-Trimethylbenzene = 2.2 n-Propyl benzene = 0.26 1,3,5-Trimethylbenzene = 0.55

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW2 Continued)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
01/20/03	48	3.8	2.9	3.0	2.0	11	ND, except Naphthalene = 0.35 1,2,4-Trimethylbenzene = 1.4 1,3,5-Trimethylbenzene = 0.32 Isopropylbenzene = 0.069 n-Propyl benzene = 0.16
02/17/99	7.3	0.29	0.067	0.12	0.0093	0.058	--
01/25/98	24	2.7	2.7	4.9	0.70	4.0	--
07/14/97	43	1.6	6.2	8.9	1.5	7.4	--
03/11/97	28	0.71	4.0	4.5	0.99	4.3	--
06/21/96	49	0.53	6.6	6.3	1.4	6.2	--
03/28/96	38	0.45	5.8	4.7	1.1	5.1	--
12/19/95	25	0.45	5.2	3.8	0.86	3.8	--
06/23/95	Not Sampled						
05/4/95	63	--	10	11	1.6	8.8	--
02/01/95	45	--	7.0	5.1	1.2	6.1	--
10/12/94	24	--	4.4	2.8	0.73	3.5	--
07/05/94	46	--	9.1	7.0	1.4	7.3	--
09/29/92	20	--	4.6	3.8	0.26	3.3	--

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW3)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/05	0.49,a,b	2.5	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND
06/22/05	3.9	5.6	ND<0.10	ND<0.10	ND<0.10	0.69	ND, except 1,2,4-Trimethylbenzene = 0.36

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
a = Heavier gasoline range compounds are significant (aged gasoline?)
b = No recognizable pattern.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW3 Continued)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
02/10/05	1.0	2.7	ND<0.050	ND<0.050	ND<0.050	0.27	ND, except t-butyl alcohol = 0.83
08/31/04	0.11	0.86	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND
06/03/04	0.11,a	1.4	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND
02/20/04	0.090	0.73	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND
11/25/03	0.11	0.33	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND
07/15/03	0.16	0.66	ND<0.0012	ND<0.0012	ND<0.0012	ND<0.0012	ND
04/17/03	0.18	0.34	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND
01/20/03	0.12	0.25	ND<0.005	ND<0.005	ND<0.005	0.0052	ND
02/17/99	ND	0.29	0.067	0.12	0.0093	0.058	--
01/25/98	0.49	0.71	0.0079	0.0061	0.0053	0.029	--
07/14/97	0.40	0.11	0.00093	0.010	0.0013	0.00068	--
03/11/97	1.1	0.68	0.053	0.013	0.063	0.017	--
06/21/96	1.3	0.3	0.094	0.0021	0.039	0.002	--
03/28/96	4.6	1.1	1.4	0.012	0.17	0.020	--
12/19/95	0.95	0.12	0.16	0.0023	0.015	0.0016	--
06/23/95	Not Sampled						
05/4/95	7.2	--	3.1	0.038	0.20	0.062	--
02/01/95	11	--	4.2	0.031	0.33	0.29	--
10/12/94	1.7	--	0.39	0.00090	0.018	0.0057	--
07/05/94	3.6	--	1.6	0.0083	0.076	0.047	--
09/29/92	Not Sampled						

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
b = heavier gasoline range compounds are significant (aged gasoline?)
c = lighter gasoline range compounds (the most notable faction) are significant
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW4)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/05	0.064	1.5	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND
06/22/05	0.059	1.0	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND
02/10/05	0.39	6.6	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND
08/31/04	ND<0.250	3.9	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND
06/03/04	0.32	6.2	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND
02/20/04	ND<0.25,a	6.6	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND
11/25/03	ND<1.0,a	8.8	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND
07/15/03	0.44	6.8	ND<0.12	ND<0.12	ND<0.12	ND<0.12	ND
04/17/03	0.38	5.4	ND<0.12	ND<0.12	ND<0.12	ND<0.12	ND
01/20/03	0.21	3.0	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND
02/17/99	0.23	0.20	0.065	0.0022	0.0096	0.033	--
01/25/98	0.91	0.23	0.15	0.019	0.31	0.14	--
07/14/97	0.98	0.40	0.21	0.0017	0.090	0.046	--
03/11/97	3.8	1.1	1.1	0.053	0.24	0.26	--
06/21/96	11	1.2	2.4	0.083	0.53	0.91	--
03/28/96	5.6	0.64	1.4	0.038	0.31	0.30	--
12/19/95	2.0	0.21	0.70	0.029	0.089	0.15	--
06/23/95	Not	Sampled					
05/4/95	3.3	--	0.89	0.068	0.15	0.30	--
02/01/95	1.4	--	0.39	0.055	0.049	0.18	--
10/12/94	0.68	--	0.14	0.0087	0.014	0.052	--
07/05/94	2.6	--	0.47	0.045	0.084	0.25	--
09/29/92	0.63	--	0.17	0.06	0.0073	0.65	--

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
a = Laboratory Report Note: reporting limit raised due to high MTBE content
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW5)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/05	ND<0.05	0.0027	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00063
06/22/05	ND<0.05	0.0022	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00052
02/09/05	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND
08/31/04	ND<0.05	0.0025	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND
06/03/04	ND<0.05	0.0072	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001
02/20/04	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND
11/25/03	ND<0.05	0.00084	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND
07/15/03	ND<0.05	0.0014	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND
04/17/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND
01/20/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND
02/17/99	0.17	ND	ND	0.00074	ND	ND	--
01/25/98	ND	ND	ND	ND	ND	ND	--
07/14/97	ND	ND	ND	ND	ND	ND	--
03/11/97	ND	ND	ND	ND	ND	0.00077	--
06/21/96	ND	ND	ND	ND	ND	ND	--
03/28/96	ND	ND	ND	ND	ND	ND	--
12/19/95	ND	ND	ND	ND	ND	ND	--
06/23/95	Not	Sampled					
05/4/95	ND	--	ND	ND	ND	ND	--
02/01/95	ND	--	ND	ND	ND	ND	--
10/12/94	ND	--	ND	ND	ND	ND	--
07/05/94	ND	--	ND	ND	ND	0.0010	--
09/29/92	0.06	--	10	0.0071	ND	0.0069	--

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW6)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/05	ND<0.05	0.0014	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00062

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW6 Continued)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
06/22/05	ND<0.05	0.00080	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Tetrachloroethene = 0.00053
02/09/05	ND<0.05	0.002	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00059
08/31/04	ND<0.05	0.00051	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00084 Tetrachloroethene=0.00051
06/03/04	ND<0.05	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001
02/20/04	ND<0.05	0.0011	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND
11/25/03	ND<0.05	0.00084	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND, except Chloroform = 0.00089
07/15/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00084 1,2-Dibromo-3-chloropropane = 0.00066 Tetrachloroethene = 0.00067
04/17/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.0012
01/20/03	ND<0.05	0.0012	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.0011
02/17/99	ND	ND	ND	ND	ND	ND	--
01/25/98	ND	ND	ND	ND	ND	ND	--
07/14/97	ND	0.019	ND	ND	ND	ND	--
03/11/97	ND	ND	ND	ND	ND	ND	--
06/21/96	ND	ND	ND	ND	ND	ND	--
03/28/96	ND	ND	ND	ND	ND	ND	--
12/19/95	ND	0.01	ND	ND	ND	ND	--
06/23/95	ND	0.003	ND	ND	ND	ND	--

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW7)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/05	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.0011
06/22/05	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Tetrachloroethene = 0.0016
02/09/05	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00064 Tetrachloroethene = 0.0025

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW7 Continued)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/04	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Tetrachloroethane = 0.00073
06/03/04	ND<0.05	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND, except Tetrachloroethane = 0.00098
02/20/04	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND, except Tetrachloroethane = 0.0013
11/25/03	ND<0.05	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND, except Chloroform = 0.00076 Tetrachloroethene = 0.00078
07/15/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00061 1,2-Dibromo-3-chloropropane = 0.00064 Tetrachloroethene = 0.0012
04/17/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00075 Tetrachloroethene = 0.0012
01/20/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00056
02/17/99	ND	ND	ND	ND	ND	ND	--
01/25/98	ND	ND	ND	ND	ND	ND	--
07/14/97	ND	ND	ND	ND	ND	ND	--
03/11/97	ND	ND	ND	ND	ND	ND	--
06/21/96	ND	ND	ND	ND	ND	ND	--
03/28/96	ND	ND	ND	ND	ND	ND	--
12/19/95	ND	ND	ND	ND	ND	ND	--
06/23/95	ND	ND	ND	ND	ND	ND	--

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW8)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
08/31/05	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00067 Tetrachloroethene = 0.002

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

TABLE 2 (Continued)
GROUNDWATER
LABORATORY ANALYTICAL RESULTS
(MW8 Continued)

Date	TPH-G	MTBE	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Other VOCs by EPA 8260
06/22/05	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.00093
02/09/05	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.0011
08/31/04	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.0013
06/03/04	ND<0.05	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND, except Chloroform = 0.001
02/20/04	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND, except Chloroform = 0.00078
11/25/03	ND<0.05	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND<0.001	ND, except Chloroform = 0.0014
07/15/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	0.00066	ND, except Chloroform = 0.0014 1,2-Dibromo-3-chloropropane = 0.00052
04/17/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.0018
01/20/03	ND<0.05	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND<0.0005	ND, except Chloroform = 0.0013
02/17/99	ND	ND	ND	ND	ND	ND	--
01/25/98	ND	ND	ND	ND	ND	ND	--
07/14/97	ND	ND	ND	ND	ND	ND	--
03/11/97	ND	ND	ND	ND	ND	ND	--
06/21/96	ND	ND	ND	ND	ND	ND	--
03/28/96	ND	ND	ND	ND	ND	ND	--
12/19/95	ND	ND	ND	ND	ND	ND	--
06/23/95	ND	ND	ND	ND	ND	ND	--

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
MTBE = Methyl Tert Butyl Ether.
VOCs = Volatile Organic Compounds
ND = Not Detected.
-- = Sample not analyzed for this compound during this sampling event.
Results are reported in milligrams per liter (mg/L), unless otherwise specified.

P & D ENVIRONMENTAL, INC.

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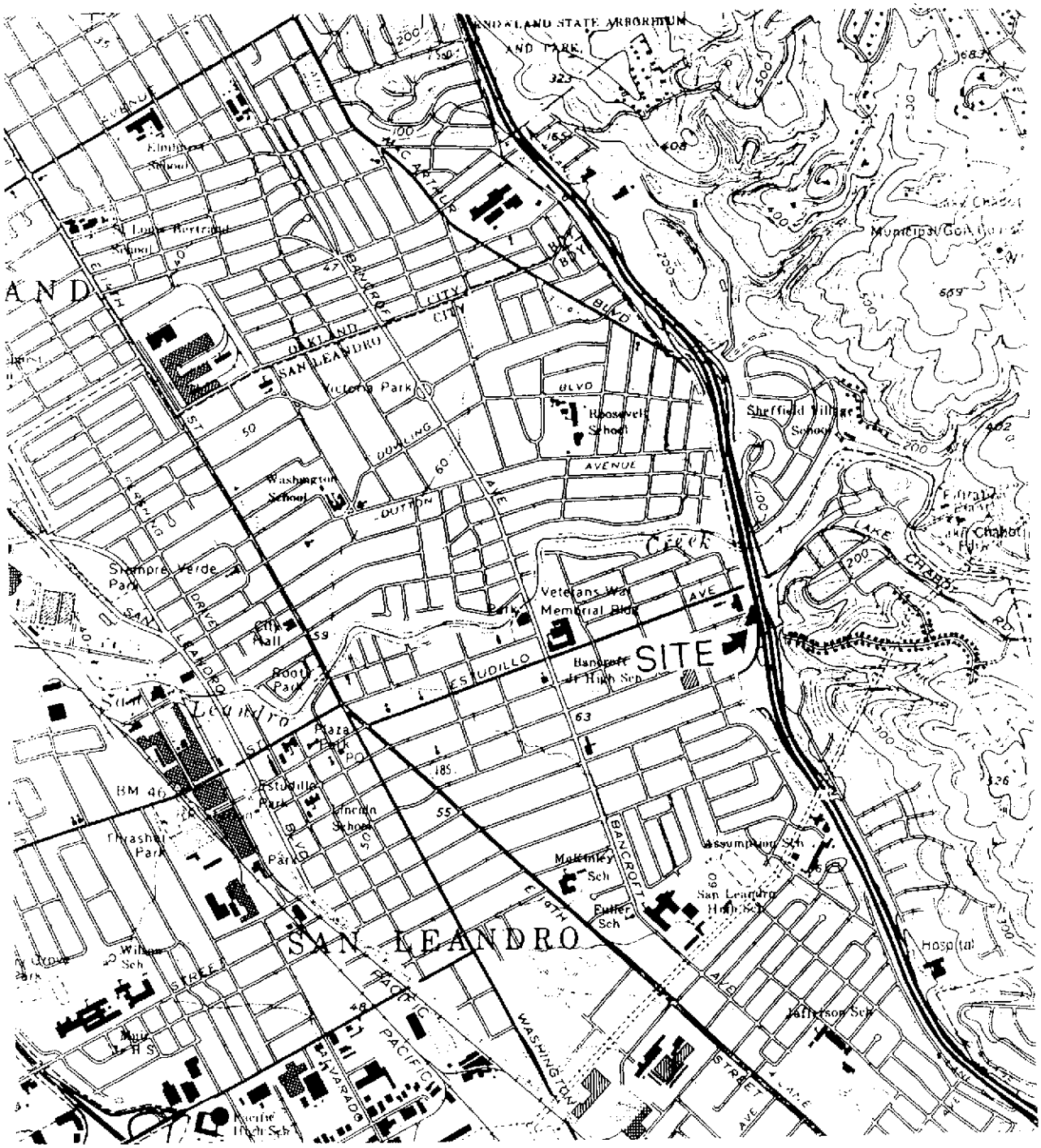
(510) 658-6916



Base Map From:
U.S. Geological Survey
San Leandro, Calif.
7.5 Minute Quadrangle
Photorevised 1980

0 1000 2000 3000

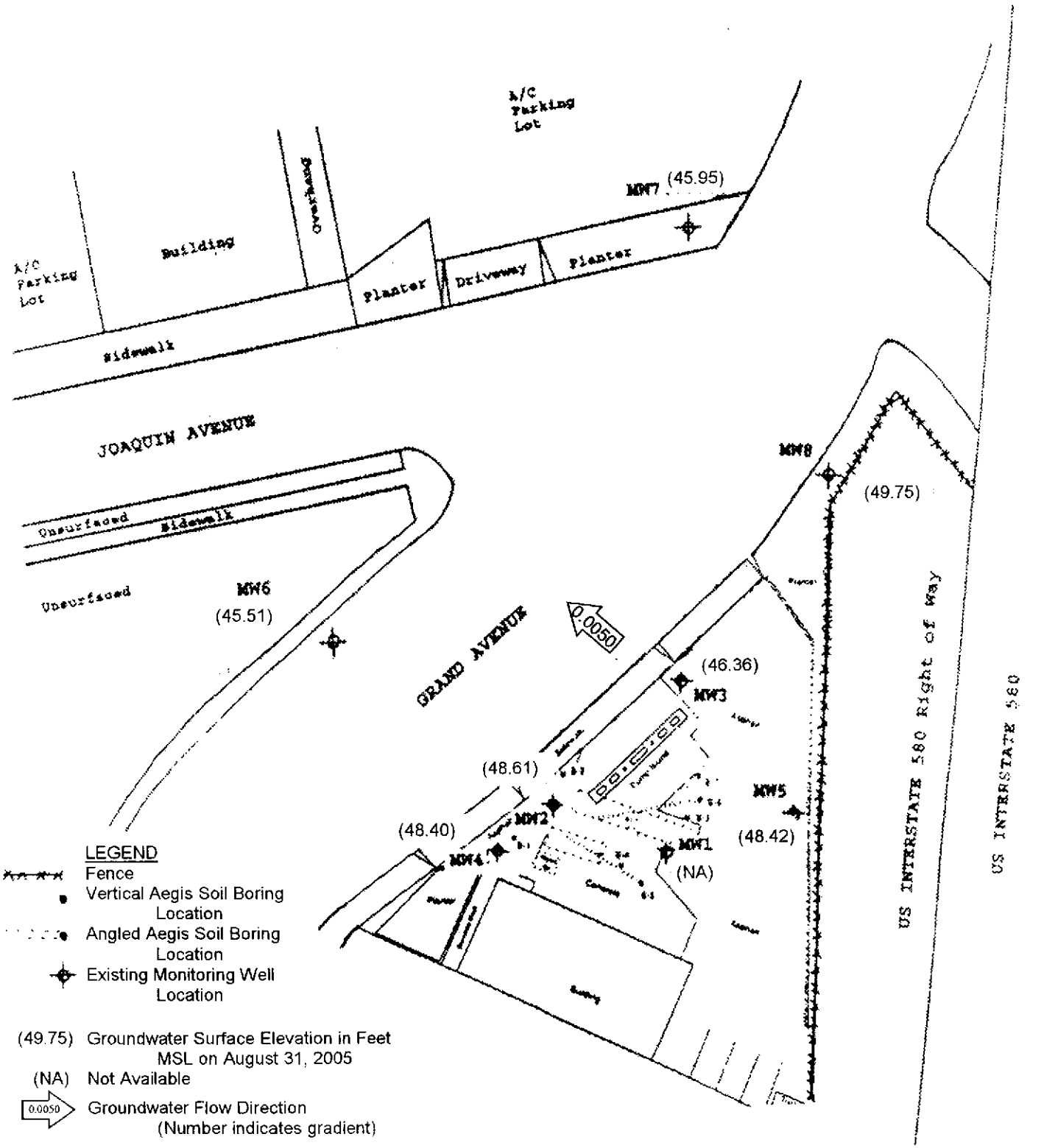
Scale In Feet

North

Figure 1
SITE LOCATION MAP
Former Haber Oil Station
1401 Grand Avenue
San Leandro, California

P & D ENVIRONMENTAL, INC.

55 Santa Clara Ave, Suite 240
Oakland, CA 94610
(510) 658-6916



Vicinity Base Map From:
P&D Environmental
February, 1995
Site base Map From:
Aegis Environmental, Inc.
Problem Assessment Report
dated December 16, 1992

Figure 2
SITE VICINITY MAP
Former Haber Oil Station
1401 Grand Avenue
San Leandro, California

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Former Hobe, O.I
Well No. MW 1
Job No. 0055
Date 8.31-05
TOC to Water (ft.) 39.27
Sheen None
Well Depth (ft.) 55'
Free Product Thickness
Well Diameter 4" (0.646 gal/FT)
Sample Collection Method
Gal./Casing Vol. 10.2 ε = 30
Teflon Bailer (OR)

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY (MS/cm)
12:18	3	5.18	141.9	5.77
12:22	6	5.70	142.6	5.73
12:26	10	5.65	141.2	5.76
12:30	15	5.09	142.2	5.73
12:36	20	5.64	143.2	5.02
12:47	30	5.19	142.3	5.79
				8
12:50	Sampling Time			

NOTES: White Fibrous matter floating on top of water column in the bailer Strong HC Odor

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Former Hobart Oil
Well No. MW2
Job No. 0055
Date 8-31-05
TOC to Water (ft.) 38.00
Sheen None
Well Depth (ft.) 55
Free Product Thickness Ø
Well Diameter 4"
Sample Collection Method
Gal./Casing Vol. 11.0
Teflon bailer
@ 33.0

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (mS/cm)
3:38 pm	5	5.32	59.1	2.68
3:41 pm	10	5.33	55.5	2.63
3:45 pm	15	5.45	54.9	2.79
3:48 pm	20	5.29	55.1	2.84
3:53 pm	25	5.29	55.9	2.91
3:59	33	5.10	53.5	2.64
4:05	Sampling Time			

NOTES: Strong PHC odor, but no sheen on purge water.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Former Hoberg 0.1 | Well No. MW3

Job No. 0055 | Date 8-31-05

TOC to Water (ft.) 41.12 | Sheen None

Well Depth (ft.) 55 | Free Product Thickness Ø

Well Diameter 4" (0.646 gal/FT) | Sample Collection Method

Gal./Casing Vol. 9.0 | Teflon bailer

ε = 27

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (mS/cm)
13:31	3	10.68	161.2	6.70
13:37	6	10.05	150.8	6.08
13:40	10	5.86	149.1	5.97
13:44	15	5.77	148.6	5.88
13:46	20	5.63	146.0	5.87
13:53	27	5.43	144.4	5.73
13:58	Sampling Time			

NOTES: No Sheen, but Moderate PHC odor on Purge Water

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Former Haber-Oil | Well No. MW4

Job No. 0055 | Date 8-31-05

TOC to Water (ft.) 37.81 | Sheen None

Well Depth (ft.) 55 | Free Product Thickness 0

Well Diameter 4" | Sample Collection Method

Gal./Casing Vol. (1.1 | Teflon bailer

(33.3

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (mS/cm)
2:55 pm	5	7.40	—	4.30
2:59 pm	10	7.32	—	4.15
3:02	15	7.18	—	3.99
3:06	20	6.95	—	5.86
3:11	~~528~~	6.63	—	5.52
3:13	34	6.41	—	5.47
3:20	Sampling time			

NOTES: Slight PHC odor, but no sheen on purge water.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Former Hobbs-0.1 | Well No. MW5
Job No. 0055 | Date 8-31-05
TOC to Water (ft.) 40.68 | Sheen None
Well Depth (ft.) 55 | Free Product Thickness Ø
Well Diameter 4" (0.646gal/ft.) | Sample Collection Method
Gal./Casing Vol. ~~2.2~~ 9.2 | Teflon bailer
Σ ~~6.6~~ 27.6

TIME	GAL. PURGED	pH 7.58	TEMPERATURE (oF)	ELECTRICAL CONDUCTIVITY (mS/cm)
11:10	~~1~~ 9	~~4.06~~	117	4.25
11:18	~~2~~ 10	6.04	—	4.12
11:21	~~3~~ 15	6.14	—	4.18
11:26	~~5~~ 20	6.25	—	4.52
11:33	~~7~~ 27	6.10	—	4.59
11:35	28	6.32	—	4.61
11:40	Sampling time			

NOTES: No PHC sheen or odor in purge water.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Former Hobert 0.1 | Well No. MW6

Job No. 0055 | Date 8-31-05

TOC to Water (ft.) 38.51 | Sheen None

Well Depth (ft.) 50 | Free Product Thickness Ø

Well Diameter 2" | Sample Collection Method Teflon bailer

Gal./Casing Vol. 1.9 Σ=5.7

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (mS/cm)
10:40	1	5.60	58.1	2.50
10:41	2	5.66	56.6	2.53
10:42	3	5.64	55.3	2.54
10:42	4	5.63	56.0	2.54
10:43	5	5.64	56.0	2.56
10:44	6	5.62	56.5	2.45
10:48		Sampling Time		

NOTES: no PHC sheen or odor on purge water

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Former Haber O.I
Well No. MW 7
Job No. 0055
Date 8-31-05
TOC to Water (ft.) 41.16
Sheen None
Well Depth (ft.) 50
Free Product Thickness Ø
Well Diameter 2" (0.163)
Sample Collection Method
Gal./Casing Vol. 1.4
ε = 4.3
Teflon bailer

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (mS/cm)
10:16	1	5.82	69.6	0.78
10:17	2	5.83	69.8	0.80
10:18	3	5.86	70.2	0.83
10:19	4	5.90	71.0	0.87
10:20	5	5.91	71.1	0.90
10:25	Sampling time			

NOTES: No PHC odor or sheen on purge water.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Former Holer o.l
Well No. MW8
Job No. 0055
Date 8-31-05
TOC to Water (ft.) 39.95
Sheen None
Well Depth (ft.) 50
Free Product Thickness Ø
Well Diameter 2" (0.163)
Sample Collection Method
Gal./Casing Vol. 1.6 ε=4.9
Teflon bailer

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (mS/cm)
9:49	1	5.92	60.3	0.77
9:50	2	4.18	73.7	~~0.72~~ 1.03
9:51	3	4.16	71.5	1.00
9:52	4	4.11	70.5	0.99
9:53	5	4.05	69.8	0.96
9:58	Sampling time			

NOTES: No PHC odor or sheen on purge water. Light brown sediment in purge water.

PURGE10.92

McCampbell Analytical, Inc.

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Website: www.mccampbell.com E-mail: main@mccampbell.com

P & D Environmental	Client Project ID: #0055; Former Haber Oil	Date Sampled: 08/31/05
55 Santa Clara, Ste.240		Date Received: 09/01/05
Oakland, CA 94610	Client Contact: Wilhelm Welzenbach	Date Extracted: 09/03/05-09/06/05
	Client P.O.:	Date Analyzed: 09/03/05-09/06/05

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B Analytical methods: SW8015Cm Work Order: 0509039

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	MW1	W	ND	1	113
002A	MW2	W	43,000,a	100	115
003A	MW3	W	490,b,m	1	114
004A	MW4	W	64,a	1	117
005A	MW5	W	ND	1	106
006A	MW6	W	ND	1	105
007A	MW7	W	ND	1	97
008A	MW8	W	ND	1	96

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
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P & D Environmental	Client Project ID: #0055; Former Haber Oil	Date Sampled: 08/31/05
		Date Received: 09/01/05
55 Santa Clara, Ste.240	Client Contact: Wilhelm Welzenbach	Date Extracted: 09/02/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 09/02/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509039

Lab ID	0509039-001B
Client ID	MW1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<25	5.0	5.0	Acrolein (Propenal)	ND<25	5.0	5.0
Acrylonitrile	ND<10	5.0	2.0	tert-Amyl methyl ether (TAME)	ND<2.5	5.0	0.5
Benzene	ND<2.5	5.0	0.5	Bromobenzene	ND<2.5	5.0	0.5
Bromochloromethane	ND<2.5	5.0	0.5	Bromodichloromethane	ND<2.5	5.0	0.5
Bromoform	ND<2.5	5.0	0.5	Bromomethane	ND<2.5	5.0	0.5
2-Butanone (MEK)	ND<10	5.0	2.0	t-Butyl alcohol (TBA)	ND<25	5.0	5.0
n-Butyl benzene	ND<2.5	5.0	0.5	sec-Butyl benzene	ND<2.5	5.0	0.5
tert-Butyl benzene	ND<2.5	5.0	0.5	Carbon Disulfide	ND<2.5	5.0	0.5
Carbon Tetrachloride	ND<2.5	5.0	0.5	Chlorobenzene	ND<2.5	5.0	0.5
Chloroethane	ND<2.5	5.0	0.5	2-Chloroethyl Vinyl Ether	ND<5.0	5.0	1.0
Chloroform	ND<2.5	5.0	0.5	Chloromethane	ND<2.5	5.0	0.5
2-Chlorotoluene	ND<2.5	5.0	0.5	4-Chlorotoluene	ND<2.5	5.0	0.5
Dibromochloromethane	ND<2.5	5.0	0.5	1,2-Dibromo-3-chloropropane	ND<2.5	5.0	0.5
1,2-Dibromoethane (EDB)	ND<2.5	5.0	0.5	Dibromomethane	ND<2.5	5.0	0.5
1,2-Dichlorobenzene	ND<2.5	5.0	0.5	1,3-Dichlorobenzene	ND<2.5	5.0	0.5
1,4-Dichlorobenzene	ND<2.5	5.0	0.5	Dichlorodifluoromethane	ND<2.5	5.0	0.5
1,1-Dichloroethane	ND<2.5	5.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND<2.5	5.0	0.5
1,1-Dichloroethene	ND<2.5	5.0	0.5	cis-1,2-Dichloroethene	ND<2.5	5.0	0.5
trans-1,2-Dichloroethene	ND<2.5	5.0	0.5	1,2-Dichloropropane	ND<2.5	5.0	0.5
1,3-Dichloropropane	ND<2.5	5.0	0.5	2,2-Dichloropropane	ND<2.5	5.0	0.5
1,1-Dichloropropene	ND<2.5	5.0	0.5	cis-1,3-Dichloropropene	ND<2.5	5.0	0.5
trans-1,3-Dichloropropene	ND<2.5	5.0	0.5	Diisopropyl ether (DIPE)	ND<2.5	5.0	0.5
Ethylbenzene	ND<2.5	5.0	0.5	Ethyl tert-butyl ether (ETBE)	ND<2.5	5.0	0.5
Freon 113	ND<50	5.0	10	Hexachlorobutadiene	ND<2.5	5.0	0.5
Hexachloroethane	ND<2.5	5.0	0.5	2-Hexanone	ND<2.5	5.0	0.5
Isopropylbenzene	ND<2.5	5.0	0.5	4-Isopropyl toluene	ND<2.5	5.0	0.5
Methyl-t-butyl ether (MTBE)	140	5.0	0.5	Methylene chloride	ND<2.5	5.0	0.5
4-Methyl-2-pentanone (MIBK)	ND<2.5	5.0	0.5	Naphthalene	ND<2.5	5.0	0.5
Nitrobenzene	ND<50	5.0	10	n-Propyl benzene	ND<2.5	5.0	0.5
Styrene	ND<2.5	5.0	0.5	1,1,1,2-Tetrachloroethane	ND<2.5	5.0	0.5
1,1,2,2-Tetrachloroethane	ND<2.5	5.0	0.5	Tetrachloroethene	ND<2.5	5.0	0.5
Toluene	ND<2.5	5.0	0.5	1,2,3-Trichlorobenzene	ND<2.5	5.0	0.5
1,2,4-Trichlorobenzene	ND<2.5	5.0	0.5	1,1,1-Trichloroethane	ND<2.5	5.0	0.5
1,1,2-Trichloroethane	ND<2.5	5.0	0.5	Trichloroethene	ND<2.5	5.0	0.5
Trichlorofluoromethane	ND<2.5	5.0	0.5	1,2,3-Trichloropropane	ND<2.5	5.0	0.5
1,2,4-Trimethylbenzene	ND<2.5	5.0	0.5	1,3,5-Trimethylbenzene	ND<2.5	5.0	0.5
Vinyl Chloride	ND<2.5	5.0	0.5	Xylenes	ND<2.5	5.0	0.5

Surrogate Recoveries (%)

%SS1:	104	%SS2:	96
%SS3:	107		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

P & D Environmental	Client Project ID: #0055; Former Haber Oil	Date Sampled: 08/31/05
		Date Received: 09/01/05
55 Santa Clara, Ste.240	Client Contact: Wilhelm Welzenbach	Date Extracted: 09/03/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 09/03/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509039

Lab ID	0509039-002B
Client ID	MW2
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<1000	200	5.0	Acrolein (Propenal)	ND<1000	200	5.0
Acrylonitrile	ND<400	200	2.0	tert-Amyl methyl ether (TAME)	ND<100	200	0.5
Benzene	5800	200	0.5	Bromobenzene	ND<100	200	0.5
Bromochloromethane	ND<100	200	0.5	Bromodichloromethane	ND<100	200	0.5
Bromoform	ND<100	200	0.5	Bromomethane	ND<100	200	0.5
2-Butanone (MEK)	ND<400	200	2.0	t-Butyl alcohol (TBA)	ND<1000	200	5.0
n-Butyl benzene	ND<100	200	0.5	sec-Butyl benzene	ND<100	200	0.5
tert-Butyl benzene	ND<100	200	0.5	Carbon Disulfide	ND<100	200	0.5
Carbon Tetrachloride	ND<100	200	0.5	Chlorobenzene	ND<100	200	0.5
Chloroethane	ND<100	200	0.5	2-Chloroethyl Vinyl Ether	ND<200	200	1.0
Chloroform	ND<100	200	0.5	Chloromethane	ND<100	200	0.5
2-Chlorotoluene	ND<100	200	0.5	4-Chlorotoluene	ND<100	200	0.5
Dibromochloromethane	ND<100	200	0.5	1,2-Dibromo-3-chloropropane	ND<100	200	0.5
1,2-Dibromoethane (EDB)	ND<100	200	0.5	Dibromomethane	ND<100	200	0.5
1,2-Dichlorobenzene	ND<100	200	0.5	1,3-Dichlorobenzene	ND<100	200	0.5
1,4-Dichlorobenzene	ND<100	200	0.5	Dichlorodifluoromethane	ND<100	200	0.5
1,1-Dichloroethane	ND<100	200	0.5	1,2-Dichloroethane (1,2-DCA)	ND<100	200	0.5
1,1-Dichloroethene	ND<100	200	0.5	cis-1,2-Dichloroethene	ND<100	200	0.5
trans-1,2-Dichloroethene	ND<100	200	0.5	1,2-Dichloropropane	ND<100	200	0.5
1,3-Dichloropropane	ND<100	200	0.5	2,2-Dichloropropane	ND<100	200	0.5
1,1-Dichloropropene	ND<100	200	0.5	cis-1,3-Dichloropropene	ND<100	200	0.5
trans-1,3-Dichloropropene	ND<100	200	0.5	Diisopropyl ether (DIPE)	ND<100	200	0.5
Ethylbenzene	2300	200	0.5	Ethyl tert-butyl ether (ETBE)	ND<100	200	0.5
Freon 113	ND<2000	200	10	Hexachlorobutadiene	ND<100	200	0.5
Hexachloroethane	ND<100	200	0.5	2-Hexanone	ND<100	200	0.5
Isopropylbenzene	ND<100	200	0.5	4-Isopropyl toluene	ND<100	200	0.5
Methyl-t-butyl ether (MTBE)	3600	200	0.5	Methylene chloride	ND<100	200	0.5
4-Methyl-2-pentanone (MIBK)	ND<100	200	0.5	Naphthalene	650	200	0.5
Nitrobenzene	ND<2000	200	10	n-Propyl benzene	260	200	0.5
Styrene	ND<100	200	0.5	1,1,1,2-Tetrachloroethane	ND<100	200	0.5
1,1,2,2-Tetrachloroethane	ND<100	200	0.5	Tetrachloroethene	ND<100	200	0.5
Toluene	2300	200	0.5	1,2,3-Trichlorobenzene	ND<100	200	0.5
1,2,4-Trichlorobenzene	ND<100	200	0.5	1,1,1-Trichloroethane	ND<100	200	0.5
1,1,2-Trichloroethane	ND<100	200	0.5	Trichloroethene	ND<100	200	0.5
Trichlorofluoromethane	ND<100	200	0.5	1,2,3-Trichloropropane	ND<100	200	0.5
1,2,4-Trimethylbenzene	1900	200	0.5	1,3,5-Trimethylbenzene	430	200	0.5
Vinyl Chloride	ND<100	200	0.5	Xylenes	8300	200	0.5

Surrogate Recoveries (%)			
%SS1:	104	%SS2:	96
%SS3:	102		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Website: www.mccampbell.com E-mail: main@mccampbell.com

P & D Environmental	Client Project ID: #0055; Former Haber Oil	Date Sampled: 08/31/05
		Date Received: 09/01/05
55 Santa Clara, Ste.240	Client Contact: Wilhelm Welzenbach	Date Extracted: 09/03/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 09/03/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509039

Lab ID	0509039-003B
Client ID	MW3
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<500	100	5.0	Acrolein (Propenal)	ND<500	100	5.0
Acrylonitrile	ND<200	100	2.0	tert-Amyl methyl ether (TAME)	ND<50	100	0.5
Benzene	ND<50	100	0.5	Bromobenzene	ND<50	100	0.5
Bromochloromethane	ND<50	100	0.5	Bromodichloromethane	ND<50	100	0.5
Bromoform	ND<50	100	0.5	Bromomethane	ND<50	100	0.5
2-Butanone (MEK)	ND<200	100	2.0	t-Butyl alcohol (TBA)	ND<500	100	5.0
n-Butyl benzene	ND<50	100	0.5	sec-Butyl benzene	ND<50	100	0.5
tert-Butyl benzene	ND<50	100	0.5	Carbon Disulfide	ND<50	100	0.5
Carbon Tetrachloride	ND<50	100	0.5	Chlorobenzene	ND<50	100	0.5
Chloroethane	ND<50	100	0.5	2-Chloroethyl Vinyl Ether	ND<100	100	1.0
Chloroform	ND<50	100	0.5	Chloromethane	ND<50	100	0.5
2-Chlorotoluene	ND<50	100	0.5	4-Chlorotoluene	ND<50	100	0.5
Dibromochloromethane	ND<50	100	0.5	1,2-Dibromo-3-chloropropane	ND<50	100	0.5
1,2-Dibromoethane (EDB)	ND<50	100	0.5	Dibromomethane	ND<50	100	0.5
1,2-Dichlorobenzene	ND<50	100	0.5	1,3-Dichlorobenzene	ND<50	100	0.5
1,4-Dichlorobenzene	ND<50	100	0.5	Dichlorodifluoromethane	ND<50	100	0.5
1,1-Dichloroethane	ND<50	100	0.5	1,2-Dichloroethane (1,2-DCA)	ND<50	100	0.5
1,1-Dichloroethene	ND<50	100	0.5	cis-1,2-Dichloroethene	ND<50	100	0.5
trans-1,2-Dichloroethene	ND<50	100	0.5	1,2-Dichloropropane	ND<50	100	0.5
1,3-Dichloropropane	ND<50	100	0.5	2,2-Dichloropropane	ND<50	100	0.5
1,1-Dichloropropene	ND<50	100	0.5	cis-1,3-Dichloropropene	ND<50	100	0.5
trans-1,3-Dichloropropene	ND<50	100	0.5	Diisopropyl ether (DIPE)	ND<50	100	0.5
Ethylbenzene	ND<50	100	0.5	Ethyl tert-butyl ether (ETBE)	ND<50	100	0.5
Freon 113	ND<1000	100	10	Hexachlorobutadiene	ND<50	100	0.5
Hexachloroethane	ND<50	100	0.5	2-Hexanone	ND<50	100	0.5
Isopropylbenzene	ND<50	100	0.5	4-Isopropyl toluene	ND<50	100	0.5
Methyl-t-butyl ether (MTBE)	2500	100	0.5	Methylene chloride	ND<50	100	0.5
4-Methyl-2-pentanone (MIBK)	ND<50	100	0.5	Naphthalene	ND<50	100	0.5
Nitrobenzene	ND<1000	100	10	n-Propyl benzene	ND<50	100	0.5
Styrene	ND<50	100	0.5	1,1,1,2-Tetrachloroethane	ND<50	100	0.5
1,1,2,2-Tetrachloroethane	ND<50	100	0.5	Tetrachloroethene	ND<50	100	0.5
Toluene	ND<50	100	0.5	1,2,3-Trichlorobenzene	ND<50	100	0.5
1,2,4-Trichlorobenzene	ND<50	100	0.5	1,1,1-Trichloroethane	ND<50	100	0.5
1,1,2-Trichloroethane	ND<50	100	0.5	Trichloroethene	ND<50	100	0.5
Trichlorofluoromethane	ND<50	100	0.5	1,2,3-Trichloropropane	ND<50	100	0.5
1,2,4-Trimethylbenzene	ND<50	100	0.5	1,3,5-Trimethylbenzene	ND<50	100	0.5
Vinyl Chloride	ND<50	100	0.5	Xylenes	ND<50	100	0.5

Surrogate Recoveries (%)			
%SS1:	103	%SS2:	95
%SS3:	106		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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P & D Environmental	Client Project ID: #0055; Former Haber Oil	Date Sampled: 08/31/05
		Date Received: 09/01/05
55 Santa Clara, Ste.240	Client Contact: Wilhelm Welzenbach	Date Extracted: 09/03/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 09/03/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509039

Lab ID	0509039-004B
Client ID	MW4
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<250	50	5.0	Acrolein (Propenal)	ND<250	50	5.0
Acrylonitrile	ND<100	50	2.0	tert-Amyl methyl ether (TAME)	ND<25	50	0.5
Benzene	ND<25	50	0.5	Bromobenzene	ND<25	50	0.5
Bromochloromethane	ND<25	50	0.5	Bromodichloromethane	ND<25	50	0.5
Bromoform	ND<25	50	0.5	Bromomethane	ND<25	50	0.5
2-Butanone (MEK)	ND<100	50	2.0	t-Butyl alcohol (TBA)	ND<250	50	5.0
n-Butyl benzene	ND<25	50	0.5	sec-Butyl benzene	ND<25	50	0.5
tert-Butyl benzene	ND<25	50	0.5	Carbon Disulfide	ND<25	50	0.5
Carbon Tetrachloride	ND<25	50	0.5	Chlorobenzene	ND<25	50	0.5
Chloroethane	ND<25	50	0.5	2-Chloroethyl Vinyl Ether	ND<50	50	1.0
Chloroform	ND<25	50	0.5	Chloromethane	ND<25	50	0.5
2-Chlorotoluene	ND<25	50	0.5	4-Chlorotoluene	ND<25	50	0.5
Dibromochloromethane	ND<25	50	0.5	1,2-Dibromo-3-chloropropane	ND<25	50	0.5
1,2-Dibromoethane (EDB)	ND<25	50	0.5	Dibromomethane	ND<25	50	0.5
1,2-Dichlorobenzene	ND<25	50	0.5	1,3-Dichlorobenzene	ND<25	50	0.5
1,4-Dichlorobenzene	ND<25	50	0.5	Dichlorodifluoromethane	ND<25	50	0.5
1,1-Dichloroethane	ND<25	50	0.5	1,2-Dichloroethane (1,2-DCA)	ND<25	50	0.5
1,1-Dichloroethene	ND<25	50	0.5	cis-1,2-Dichloroethene	ND<25	50	0.5
trans-1,2-Dichloroethene	ND<25	50	0.5	1,2-Dichloropropane	ND<25	50	0.5
1,3-Dichloropropane	ND<25	50	0.5	2,2-Dichloropropane	ND<25	50	0.5
1,1-Dichloropropene	ND<25	50	0.5	cis-1,3-Dichloropropene	ND<25	50	0.5
trans-1,3-Dichloropropene	ND<25	50	0.5	Diisopropyl ether (DIPE)	ND<25	50	0.5
Ethylbenzene	ND<25	50	0.5	Ethyl tert-butyl ether (ETBE)	ND<25	50	0.5
Freon 113	ND<500	50	10	Hexachlorobutadiene	ND<25	50	0.5
Hexachloroethane	ND<25	50	0.5	2-Hexanone	ND<25	50	0.5
Isopropylbenzene	ND<25	50	0.5	4-Isopropyl toluene	ND<25	50	0.5
Methyl-t-butyl ether (MTBE)	1500	50	0.5	Methylene chloride	ND<25	50	0.5
4-Methyl-2-pentanone (MIBK)	ND<25	50	0.5	Naphthalene	ND<25	50	0.5
Nitrobenzene	ND<500	50	10	n-Propyl benzene	ND<25	50	0.5
Styrene	ND<25	50	0.5	1,1,1,2-Tetrachloroethane	ND<25	50	0.5
1,1,2,2-Tetrachloroethane	ND<25	50	0.5	Tetrachloroethene	ND<25	50	0.5
Toluene	ND<25	50	0.5	1,2,3-Trichlorobenzene	ND<25	50	0.5
1,2,4-Trichlorobenzene	ND<25	50	0.5	1,1,1-Trichloroethane	ND<25	50	0.5
1,1,2-Trichloroethane	ND<25	50	0.5	Trichloroethene	ND<25	50	0.5
Trichlorofluoromethane	ND<25	50	0.5	1,2,3-Trichloropropane	ND<25	50	0.5
1,2,4-Trimethylbenzene	ND<25	50	0.5	1,3,5-Trimethylbenzene	ND<25	50	0.5
Vinyl Chloride	ND<25	50	0.5	Xylenes	ND<25	50	0.5

Surrogate Recoveries (%)			
%SS1:	102	%SS2:	93
%SS3:	105		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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P & D Environmental	Client Project ID: #0055; Former Haber Oil	Date Sampled: 08/31/05
		Date Received: 09/01/05
55 Santa Clara, Ste.240	Client Contact: Wilhelm Welzenbach	Date Extracted: 09/03/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 09/03/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0509039

Lab ID	0509039-005B
Client ID	MW5
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	0.63	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	2.7	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	104	%SS2:	96
%SS3:	106		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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P & D Environmental	Client Project ID: #0055; Former Haber Oil	Date Sampled: 08/31/05
		Date Received: 09/01/05
55 Santa Clara, Ste.240	Client Contact: Wilhelm Welzenbach	Date Extracted: 09/06/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 09/06/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509039

Lab ID	0509039-006B
Client ID	MW6
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	0.62	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	1.4	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	0.67	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)			
%SS1:	102	%SS2:	94
%SS3:	98		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

P & D Environmental	Client Project ID: #0055; Former Haber Oil	Date Sampled: 08/31/05
		Date Received: 09/01/05
55 Santa Clara, Ste.240	Client Contact: Wilhelm Welzenbach	Date Extracted: 09/03/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 09/03/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0509039

Lab ID	0509039-007B
Client ID	MW7
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	1.1	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	102	%SS2:	97
%SS3:	101		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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P & D Environmental	Client Project ID: #0055; Former Haber Oil	Date Sampled: 08/31/05
		Date Received: 09/01/05
55 Santa Clara, Ste.240	Client Contact: Wilhelm Welzenbach	Date Extracted: 09/03/05
Oakland, CA 94610	Client P.O.:	Date Analyzed: 09/03/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509039

Lab ID	0509039-008B
Client ID	MW8
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	0.67	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	2.0	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	102	%SS2:	97
%SS3:	100		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0509039

EPA Method: SW8021B/8015Cm **Extraction: SW5030B** **BatchID: 17826** **Spiked Sample ID: 0509027-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex)£	ND	60	108	109	0.754	109	108	0.291	70 - 130	70 - 130
MTBE	ND	10	99.4	97.7	1.68	105	95.1	10.3	70 - 130	70 - 130
Benzene	ND	10	94.6	94.6	0	117	107	8.27	70 - 130	70 - 130
Toluene	ND	10	95	95	0	118	113	4.47	70 - 130	70 - 130
Ethylbenzene	ND	10	97.7	98.1	0.350	116	110	5.46	70 - 130	70 - 130
Xylenes	ND	30	99.7	99.7	0	100	95.7	4.43	70 - 130	70 - 130
%SS:	93	10	98	97	1.11	113	111	1.78	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 17826 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509039-001A	8/31/05	9/03/05	9/03/05 2:35 PM	0509039-002A	8/31/05	9/03/05	9/03/05 12:06 PM
0509039-003A	8/31/05	9/03/05	9/03/05 1:35 PM	0509039-004A	8/31/05	9/03/05	9/03/05 5:05 PM
0509039-004A	8/31/05	9/06/05	9/06/05 11:33 PM	0509039-005A	8/31/05	9/03/05	9/03/05 3:05 PM
0509039-006A	8/31/05	9/03/05	9/03/05 3:35 PM	0509039-007A	8/31/05	9/06/05	9/06/05 11:26 PM
0509039-008A	8/31/05	9/06/05	9/06/05 11:59 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS Certification No. 1644 QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0509039

EPA Method: SW8260B	Extraction: SW5030B			BatchID: 17831		Spiked Sample ID: 0509043-005B				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	10	86.1	86.3	0.250	93.4	94.5	1.19	70 - 130	70 - 130
Benzene	ND	10	107	109	1.78	115	117	1.58	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	104	106	1.32	95.9	92.9	3.13	70 - 130	70 - 130
Chlorobenzene	ND	10	113	113	0	118	119	1.35	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	89	85.7	3.72	96.1	96.6	0.477	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	108	108	0	117	113	3.30	70 - 130	70 - 130
1,1-Dichloroethene	ND	10	119	119	0	119	119	0	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	115	115	0	119	119	0	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	92.5	91.8	0.830	99.4	99.5	0.0164	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	91.7	91.3	0.454	98.8	97.6	1.15	70 - 130	70 - 130
Toluene	ND	10	99.6	97.7	1.85	107	109	1.75	70 - 130	70 - 130
Trichloroethene	ND	10	87.7	85.2	2.87	90.4	92.8	2.67	70 - 130	70 - 130
%SS1:	104	10	106	106	0	102	102	0	70 - 130	70 - 130
%SS2:	92	10	100	97	2.48	99	98	0.842	70 - 130	70 - 130
%SS3:	103	10	103	104	0.985	104	105	1.62	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 17831 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509039-001B	8/31/05	9/02/05	9/02/05 9:46 PM	0509039-002B	8/31/05	9/03/05	9/03/05 1:54 PM
0509039-003B	8/31/05	9/03/05	9/03/05 6:26 PM	0509039-004B	8/31/05	9/03/05	9/03/05 7:15 PM
0509039-005B	8/31/05	9/03/05	9/03/05 4:25 PM	0509039-006B	8/31/05	9/06/05	9/06/05 1:23 PM
0509039-007B	8/31/05	9/03/05	9/03/05 1:03 PM	0509039-008B	8/31/05	9/03/05	9/03/05 1:46 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

P & D ENVIRONMENTAL
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55 Santa Clara Ave, Suite 240
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(510) 658-6916

Pdeo 0509039

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: 0055	PROJECT NAME: Former Haber Oil
SAMPLED BY: (PRINTED AND SIGNATURE) Wilhelm Welzenbach	

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH(G)	8260+ fuel oxys + lead scavs	PRESERVATIVE	REMARKS
MW1	8/31/05		water		5	X	X	ICE	Normal Turnaround
MW2	↓		↓		↓	X	X	↓	↓
MW3	↓		↓		↓	X	X	↓	↓
MW4	↓		↓		↓	X	X	↓	↓
MW5	↓		↓		↓	X	X	↓	↓
MW6	↓		↓		↓	X	X	↓	↓
MW7	↓		↓		↓	X	X	↓	↓
MW8	↓		↓		↓	X	X	↓	↓

ICE/t° ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION: VOAS | O&G | METALS | OTHER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)		
[signature]	9/1	1:49	[signature]	TOTAL NO. OF SAMPLES (THIS SHIPMENT): 8 TOTAL NO. OF CONTAINERS (THIS SHIPMENT): 40	LABORATORY: McCampbell Analytical
[signature]	9/1	4:15	[signature]	LABORATORY CONTACT: Angela Rydelius	LABORATORY PHONE NUMBER: (925) 798-1620
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO	

REMARKS: VOAs preserved w HCl.

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0509039 **ClientID: PDEO** **EDF: NO**

Report to:
Wilhelm Welzenbach
P & D Environmental
55 Santa Clara, Ste.240
Oakland, CA 94610

TEL: (510) 658-6916
FAX: 510-834-0152
ProjectNo: #0055; Former Haber Oil
PO:

Bill to:
Accounts Payable
P & D Environmental
55 Santa Clara, Ste.240
Oakland, CA 94610

Requested TAT: 5 days

Date Received: **09/01/2005**
Date Printed: **09/01/2005**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0509039-001	MW1	Water	8/31/05	☐	B	A													
0509039-002	MW2	Water	8/31/05	☐	B	A													
0509039-003	MW3	Water	8/31/05	☐	B	A													
0509039-004	MW4	Water	8/31/05	☐	B	A													
0509039-005	MW5	Water	8/31/05	☐	B	A													
0509039-006	MW6	Water	8/31/05	☐	B	A													
0509039-007	MW7	Water	8/31/05	☐	B	A													
0509039-008	MW8	Water	8/31/05	☐	B	A													

Test Legend:

1	8260B_W	2	G-MBTEX_W	3		4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.