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Alameda County
Environmental Health

ConocoPhillips
76 Broadway
Sacramento, California 95818

April 10, 2007

Ms. Donna Drogos
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Report Transmittal**
Annual Report
76 Service Station 5484
18950 Lake Chabot Road
Castro Valley, CA

Dear Ms. Drogos:

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please contact

Shelby S. Lathrop (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818
Phone: 916-558-7609
Fax: 916-558-7639

Sincerely,

Thomas Kosel
Risk Management & Remediation

Attachment

April 11, 2007

Ms. Donna Drogos
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: **Annual Summary Report –**
Second Quarter 2006 through First Quarter 2007
Delta Project No. C1Q5484603

DELTA

Dear Ms. Drogos:

On behalf of ConocoPhillips Company (COP), Delta Environmental Consultants, Inc. (Delta) is submitting the second quarter 2006 through first quarter 2007 Annual Summary Report and forwarding a copy of TRC's *Annual Monitoring Report, April 2006 through March 2007,* dated March 15, 2007, for the following location:

Service Station	**Location**
76 Service Station No. 5484	18950 Lake Chabot Road Castro Valley, California

Sincerely,
DELTA ENVIRONMENTAL CONSULTANTS, INC.

Dennis S. Dettloff

PROFESSIONAL GEOLOGIST
DENNIS SHANNON DETTLOFF
No. 7480
STATE OF CALIFORNIA

Dennis S. Dettloff, P.G.
Senior Project Manager
California Registered Professional Geologist No. 7480

DSD:JPK

Enclosure

cc: Ms. Shelby Lathrop - ConocoPhillips (1 via electronic upload only)

5484 1Q07 Annual Monitoring Report.doc

ANNUAL SUMMARY REPORT
Second Quarter 2006 through First Quarter 2007

76 Service Station No. 5484
18950 Lake Chabot Road
Castro Valley, California

City: Castro Valley

County: Alameda

SITE BACKGROUND AND PREVIOUS ENVIRONMENTAL WORK

The site is located on the southeast corner of the intersection of Lake Chabot Road and Quail Avenue, and is an active 76 service station and automotive service facility. Current site facilities consist of two gasoline underground storage tanks (USTs), a waste oil UST, two dispenser islands, and a station building.

In June 1988, a leak was detected in the unleaded product system during an annual tank precision test. Three monitoring wells (MW-1 through MW-3) were subsequently installed on-site in July 1988 by Applied GeoSystems (AGS) to evaluate subsurface conditions. Soil samples collected from the well borings contained total petroleum hydrocarbons (TPH) up to 79 milligrams per kilogram (mg/kg) and low levels of benzene, toluene, ethyl-benzene, and total xylenes (BTEX) (up to 26 mg/kg). Groundwater samples collected from the monitoring wells contained TPH up to 7,800 micrograms per liter (ug/L) and benzene up to 640 ug/L. Approximately 1 foot of free product was observed in monitoring well MW-3 in October 1988.

In May and June 1989, two off-site monitoring wells (MW-4 and MW-5) and an additional on-site monitoring well (MW-6) were installed. Soil samples collected from the well borings generally did not contain TPH as gasoline (TPHg) or BTEX with the exception of TPHg at 2.4 mg/kg in the sample collected at 13.5 feet below ground surface (bgs) from well boring MW-5.

In June 1989, two 10,000-gallon gasoline USTs and one 280-gallon waste oil UST located to the southeast of the station building were removed from the site. During the removal, monitoring wells MW-1 and MW-3 were destroyed. Five soil samples collected at 6 feet bgs from the sidewalls of the gasoline UST excavation contained TPHg ranging from 1,400 mg/kg to 4,300 mg/kg. As a result, impacted soil was over-excavated in the area of the former gasoline USTs and dispensers. An area measuring approximately 60 feet by 70 feet was excavated to depths of 10 feet to 15 feet bgs. Soil samples collected from the sidewalls and bottom of the excavation contained only low levels of TPHg (up to 8.9 mg/kg) and BTEX (up to 0.88 mg/kg). Soil samples collected beneath the former waste oil UST at 7 feet bgs contained TPHg up to 650 mg/kg and total oil and grease (TOG) up to 19,000 mg/kg. Therefore, impacted soil was also over-excavated in this area to approximately 10 to 11 feet bgs. Approximately 1,900 cubic yards of impacted soil was excavated and disposed off-site between June and August 1989. Two 12,000-gallon fiberglass, double-wall USTs and a 520-gallon waste oil UST (north of the station building) were installed.

In November 1989, five additional borings (B-7 through B-11) were advanced to further evaluate to the extent of impacted soil. Soil samples collected from the borings contained TPHg up to 220 mg/kg and BTEX up to 160 mg/kg.

In May 1991, an additional boring (EB1) was advanced and an additional monitoring well (MW-7) was installed in the southern portion of the site. Soil samples collected from the borings contained TPHg up to 130 mg/kg and low levels of BTEX (up to 3.6 mg/kg). A groundwater sample collected from monitoring well MW-7 contained TPHg at 3,000 ug/L, TPH as diesel (TPHd) at 540 ug/L, and benzene at 160 ug/L.

SENSITIVE RECEPTORS

A well search was performed by AGS in 1988 within a ½-mile radius of the site; two wells were identified within the search radius. One well was a test well located approximately ½ mile south of the site, and the other well was a domestic well located approximately ½ mile south/southeast of the site. Based on groundwater flow calculations, the wells appeared to be down-gradient of the site.

A well search was conducted by Gettler-Ryan Inc. (GR) in September 1998 and consisted of a review of Department of Water Resources (DWR) files. A number of wells were identified within ¼ to ½ mile of the site, and one well was identified within ¼ mile of the site.

A sensitive receptor survey (SRS) was performed by Delta in 2006; the results of the survey were presented in our *Sensitive Receptor Report*, dated August 22, 2006. The survey consisted of a review of DWR files to evaluate the presence of wells within a ½-mile radius of the site, and a questionnaire regarding the presence of wells, sumps, or basements was mailed to property owners within 1,000 feet of the site. A total of 214 questionnaires were mailed in April 2006; only 38 responses were received. Based on the responses received, wells were located on eight of the properties, sumps used for irrigation purposes were located on three of the properties, and basements were present at 16 of the properties. Four additional property owners were mailed questionnaires based on the DWR files; however, no responses were received. Delta also conducted a site visit to evaluate the presence of schools, day care centers, and hospitals within 1,000 feet of the site. Chabot Elementary School was located approximately 470 feet southeast (cross-gradient) of the site.

Based on the U.S. Geological Survey Topographic Map (USGS) for the site vicinity (Hayward Rosa quadrangle), the nearest surface water body is an unnamed drainage located approximately 2,000 feet north of the site. The drainage originates from a reservoir located about 1 mile to the northeast.

MONITORING AND SAMPLING

Quarterly monitoring began at the site in second quarter 1991. The frequency was reduced to annual beginning in 1997. Currently, monitoring wells MW-4, MW-5, and MW-7 are monitored and sampled on an annual basis; monitoring wells MW-2 and MW-6 are monitored but not sampled on an annual basis. Monitoring well MW-4 has not been located since 2002. Samples are analyzed for TPHg (EPA Test Method 8015M); BTEX, and methyl tertiary butyl ether (MTBE) (EPA Test Methods 8021B and 8260B); volatile organic compounds (VOCs) including MTBE (EPA Test Method 8260B); and semi-VOCs (EPA Test Method 8270C). TRC has been contracted to perform the monitoring and sampling at the site. A copy of TRC's *Annual Monitoring Report-April 2006 through March 2007*, dated March 15, 2007, has been forwarded with this report.

SECOND QUARTER 2006 THROUGH FIRST QUARTER 2007 MONITORING AND SAMPLING RESULTS

The 2007 annual monitoring and sampling event was performed on February 16, 2007 by TRC. As mentioned above, monitoring well MW-4 was not located. The groundwater elevation decreased an average of 0.66 feet from the March 2006 event. Depth to groundwater in site wells ranged from 4.07 feet (MW-6) to 6.95 feet (MW-7) below top of casing (TOC). The groundwater flow direction and gradient was calculated to be 0.1 ft/ft to the southwest, compared with 0.1 ft/ft to the south during the March 2006 event. A rose diagram presenting historic groundwater flow directions is included as Attachment A.

Contaminants of Concern:

- **TPHg:** TPHg was only reported above the laboratories indicated reporting limit in monitoring well MW-7 (1,600 ug/L).

- **Benzene:** Benzene was only reported above the laboratories indicated reporting limit in monitoring in well MW-7 (11 ug/L).

- **MTBE:** MTBE was reported above the laboratories indicated reporting limit in monitoring wells MW-5 and MW-7 by EPA Test Method 8021B at 1.5 ug/L and 350 ug/L, respectively; and by EPA Test Method 8260B at 2.6 ug/L and 410 ug/L, respectively.

In addition, ethyl-benzene and total xylenes were reported above the laboratories indicated reporting limit in monitoring well MW-7 at 61 ug/L and 4.2 ug/L, respectively. Other VOCs generally were not reported above the laboratories indicated reporting limits in the monitoring wells with the exception of 1,2-Dichloroethane (1,2-DCA) at 0.66 ug/L in monitoring well MW-7. Semi-VOCs generally were not reported above the laboratories indicated reporting limit in the monitoring wells with the exception of 2-methylnaphthalene and naphthalene at 19 ug/L and 37 ug/L, respectively, in monitoring well MW-7.

REMEDIATION STATUS

As mentioned above, approximately 1,900 cubic yards of impacted soil were removed during the 1989 UST removal and replacement activities. No other remedial activities have occurred at the site.

CHARACTERIZATION STATUS

Based on historical soil sampling analytical results, impacted soil may remain in the areas of the former fuel USTs, waste oil UST, and dispensers where over-excavation was not performed. However, only low levels of petroleum hydrocarbons were reported above the laboratories indicated reporting limits. Additionally, soil samples have not been collected at the site since 1991; therefore, the concentrations likely have been reduced over time by natural biodegradation.

Based on the analytical results, impacted groundwater remains beneath the southern portion of the site in the area of the former waste oil UST. TPHg and MTBE were reported above the laboratories indicated reporting limit in monitoring in monitoring well MW-7 at 1,600 ug/L and 410 ug/L, respectively, during the current event. Impacted groundwater may also be present beneath Lake Chabot Road. TPHg, BTEX, and MTBE generally have not been reported above the laboratories indicated reporting limit in monitoring well MW-5 to the south of the site. Based on the general groundwater flow direction (southwest), monitoring well MW-4 is located down-gradient of the site. TPHg, BTEX, and MTBE generally were not reported above the laboratories indicated reporting limit in monitoring well MW-4. However, monitoring well MW-4 has not been located since 2002. In March 2002, the last time monitoring well MW-4 was sampled, TPHg and MTBE were reported above the laboratories indicated reporting limits at 270 ug/L and 1,200 ug/L, respectively. Therefore, impacted groundwater may have migrated down-gradient of the site. An attempt should be made to re-locate monitoring well MW-4 to evaluate the extent of impacted groundwater.

RECENT CORRESPONDENCE

No correspondence was received from second quarter 2006 through first quarter 2007.

SECOND QUARTER 2006 THROUGH FIRST QUARTER 2007 ACTIVITIES

1. Delta prepared and submitted *Quarterly Summary Report-First Quarter 2006*, dated May 16, 2006.
2. Delta prepared and submitted *Quarterly Summary Report-Second Quarter 2006*, dated July 24, 2006.
3. Delta prepared and submitted *Sensitive Receptor Report*, dated August 22, 2006.
4. Delta prepared and submitted *Quarterly Summary Report-Third Quarter 2006*, dated October 26, 2006.
5. TRC performed annual groundwater monitoring and sampling on February 16, 2007.
6. TRC prepared *Annual Monitoring Report-April 2006 through March 2007*, dated March 15, 2007.

SECOND QUARTER 2007 THROUGH FIRST QUARTER 2008 ACTIVITIES

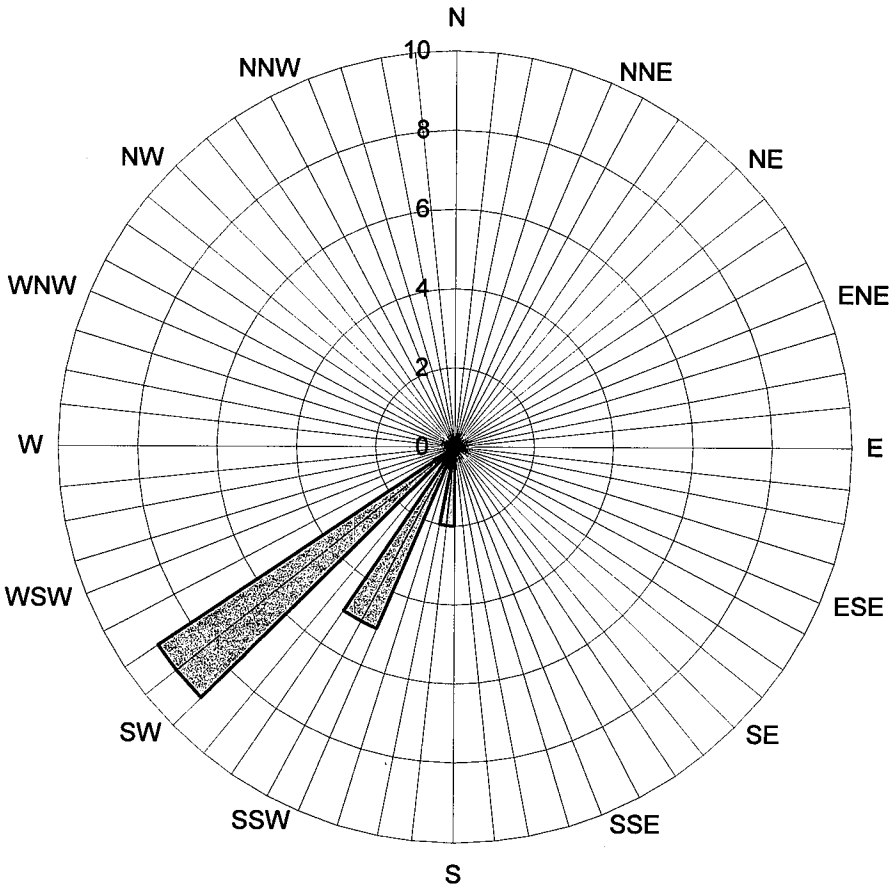
1. Delta to evaluate status of monitoring well MW-4.
2. TRC to perform annual monitoring and sampling.

CONSULTANT: Delta Environmental Consultants, Inc.

Attachment A – Historic Groundwater Flow Directions

Attachment A
Historic Groundwater Flow Directions

Historic Groundwater Flow Directions
ConocoPhillips Site No. 5484
18950 Lake Chabot Road
Castro Valley, California



Groundwater Flow Direction

Legend
Concentric circles represent quarterly montoring events
Fourth Quarter 1990 through First Quarter 2007
16 data points shown

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: March 16, 2007

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MS. SHELBY LATHROP

SITE: 76 STATION 5484
18950 LAKE CHABOT ROAD
CASTRO VALLEY, CALIFORNIA

RE: ANNUAL MONITORING REPORT
APRIL 2006 THROUGH MARCH 2007

Dear Ms. Lathrop:

Please find enclosed our Annual Monitoring Report for 76 Station 5484, located at 18950 Lake Chabot Road, Castro Valley, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

Anju Farfan
Groundwater Program Operations Manager

CC: Mr. Dennis Dettloff, Delta Environmental Consultants, Inc. (1 copy)

Enclosures
20-0400/5484R05.QMS

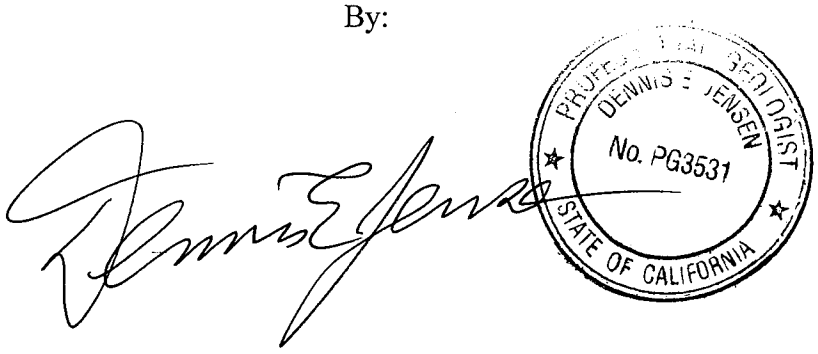
ANNUAL MONITORING REPORT
APRIL 2006 THROUGH MARCH 2007

76 STATION 5484
18950 Lake Chabot
Castro Valley, California

Prepared For:

Ms. Shelby Lathrop
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations
March 15, 2007

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a-1g: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a-2g: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 2/16/07 Groundwater Sampling Field Notes – 2/16/07 Statement of Non-Completion – 2/16/07
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2006 through March 2007
76 Station 5484
18950 Lake Chabot Road
Castro Valley, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **02/16/07**

Sample Points

Groundwater wells: **3** onsite, **2** offsite Wells gauged: **4** Wells sampled: **2**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **4.07 feet** Maximum: **6.95 feet**
Average groundwater elevation (relative to available local datum): **225.62 feet**
Average change in groundwater elevation since previous event: **-0.66 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.1 ft/ft, southwest**
Previous event: **0.1 ft/ft, south (03/31/06)**

Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **11 µg/l (MW-7)**

Wells with **TPH-G by GC/MS** **0**
Wells with **MTBE 8021B** **2** Maximum: **350 µg/l (MW-7)**

Notes:

MW-2=Monitored Only, MW-4=Inaccessible, MW-6=Monitored Only,

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to re-survey.

REFERENCE

TRC began groundwater monitoring and sampling 76 Station 5484 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2
Site: 76 Station 5484

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments	
Table 1a	Well/ Date	1,2-DCA (EDC)	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA
Table 1b	Well/ Date	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Methylene chloride	1,1,2,2-Tetrachloro - ethane	Tetrachloro - ethene (PCE)	Trichloro-trifluoro-ethane	1,2,4-Trichloro-benzene	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane
Table 1c	Well/ Date	Vinyl chloride	Acena-phthene	Acena-phthylene (svoc)	Anthra-cene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluor-anthene	Benzo-[g,h,I]-perylene	Benzo[k]-fluor-anthene	Benzoic Acid	Benzyl Alcohol	Bis(2-chloro-ethoxy)	Bis(2-chloro-ethyl) ether	Bis(2-chloro-isopropyl)-	Bis(2-ethyl-hexyl)
Table 1d	Well/ Date	4-Bromo-phenyl phe- nyl	Butyl benzyl phthalate	4-Chloro- 3-methyl-phenol	4-Chloro-aniline	2-Chloro-naphtha-lene	2-Chloro-phenol	4-Chloro-phenyl phenyl	Chrysene	Dibenzo-[a,h]-anthracene	Dibenzo-furan	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	3,3-Dichloro-benzidine	2,4-Dichloro-phenol
Table 1e	Well/ Date	Diethyl phthalate	2,4-Dimethyl-phenol	Dimethyl phthalate	Di-n-butyl phthalate	2,4-Dinitro-phenol	2,4-Dinitro-toluene	2,6-Dinitro-toluene	Di-n-octyl phthalate	Fluoran-thene	Fluorene	Hexachloro - benzene	HCBD (svoc)	Hexachloro cyclopenta-diene	Hexachloro -ethane	Indeno-[1,2,3-c,d] pyrene
Table 1f	Well/ Date	Isophorone	2-Methyl-4,6-dini-trophenol	2-Methyl-naphtha-lene	2-Methyl-phenol	Naphtha-lene (svoc)	2-Nitro-aniline	3-Nitro-aniline	4-Nitro-aniline	Nitro-benzene	2-Nitro-phenol	4-Nitro-phenol	N-nitrosodi- n-propyl-	N-Nitro-sodiphenyl-amine	Pentachlor o- phenol	Phen-anthrene
Table 1g	Well/ Date	Phenol	Pyrene	1,2,4-Trichloro-benzene	2,4,6-Trichloro-phenol	2,4,5-Trichloro-phenol										

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments	
Table 2a	Well/ Date	TPH-D	TBA	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Acenaph-thylene	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
Table 2b	Well/ Date	2-Chloroethyl vinyl ether	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene

Contents of Tables 1 and 2
Site: 76 Station 5484

Table 2c	Well/ Date	Hexa-chloro-butadiene	Methylene chloride	Naph-thalene	1,1,2,2-Tetrachloro - ethane	Tetrachloro - ethene (PCE)	Trichloro-trifluoro-ethane	1,2,4-Trichloro-benzene	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride	Acena-phthene	Acena-phthylene (svoc)	Anthra-cene
Table 2d	Well/ Date	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluor-anthene	Benzo-[g,h,I]-perylene	Benzo[k]-fluor-anthene	Benzoic Acid	Benzyl Alcohol	Bis(2-chloro-ethoxy)	Bis(2-chloro-ethyl) ether	Bis(2-chloro-isopropyl)-	Bis(2-ethyl-hexyl)	4-Bromo-phenyl phe- nyl	Butyl benzyl phthalate	4-Chloro- 3-methyl-phenol	4-Chloro-aniline
Table 2e	Well/ Date	2-Chloro-naphtha-lene	2-Chloro-phenol	4-Chloro-phenyl phenyl	Chrysene	Dibenzo-[a,h]-anthracene	Dibenzo-furan	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	3,3-Dichloro-benzidine	2,4-Dichloro-phenol	Diethyl phthalate	2,4-Dimethyl-phenol	Dimethyl phthalate	Di-n-butyl phthalate
Table 2f	Well/ Date	2,4-Dinitro-phenol	2,4-Dinitro-toluene	2,6-Dinitro-toluene	Di-n-octyl phthalate	Fluoran-thene	Fluorene	Hexachloro - benzene	HCBD (svoc)	Hexachloro cyclopenta-diene	Hexachloro -ethane	Indeno-[1,2,3-c,d] pyrene	Isophorone	2-Methyl-4,6-dini-trophenol	2-Methyl-naphtha-lene	2-Methyl-phenol
Table 2g	Well/ Date	4-Methyl-phenol	Naphtha-lene (svoc)	2-Nitro-aniline	3-Nitro-aniline	4-Nitro-aniline	Nitro-benzene	2-Nitro-phenol	4-Nitro-phenol	N-nitrosodi- n-propyl-	N-Nitro-sodiphenyl-amine	Pentachlor o- phenol	Phen-anthrene	Phenol	Pyrene	1,2,4-Trichloro-benzene
Table 2h	Well/ Date	2,4,6-Trichloro-phenol	2,4,5-Trichloro-phenol													

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 16, 2007

76 Station 5484

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2														
02/16/07	228.88	4.87	0.00	224.01	-0.81	--	--	--	--	--	--	--	--	Monitored Only
MW-4														
02/16/07	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
MW-5														
02/16/07	225.11	6.05	0.00	219.06	-0.54	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	1.5	2.6	
MW-6														
02/16/07	239.04	4.07	0.00	234.97	-1.08	--	--	--	--	--	--	--	--	Monitored Only
MW-7														
02/16/07	231.39	6.95	0.00	224.44	-0.21	1600	--	11	ND<0.30	61	4.2	350	410	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	1,2-DCA (EDC)	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-5															
02/16/07	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-7															
02/16/07	0.66	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	1,1-DCE (µg/l)	cis- 1,2-DCE (µg/l)	trans- 1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)
MW-5															
02/16/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-7															
02/16/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 1 c
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Vinyl chloride (µg/l)	Acena-phthene (µg/l)	Acena-phthylene (svoc) (µg/l)	Anthra-cene (µg/l)	Benzo[a]-anthracene (µg/l)	Benzo[a]-pyrene (µg/l)	Benzo[b]-fluor-anthene (µg/l)	Benzo-[g,h,I]-perylene (µg/l)	Benzo[k]-fluor-anthene (µg/l)	Benzoic Acid (µg/l)	Benzyl Alcohol (µg/l)	Bis(2-chloro-ethoxy) methane (µg/l)	Bis(2-chloro-ethyl) ether (µg/l)	Bis(2-chloro-isopropyl)-ether (µg/l)	Bis(2-ethyl-hexyl) phthalate (µg/l)
MW-5															
02/16/07	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0
MW-7															
02/16/07	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0

Table 1 d
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	4-Bromo-phenyl phe-nyl ether (µg/l)	Butyl benzyl phthalate (µg/l)	4-Chloro-3 methyl-phenol (µg/l)	4-Chloro-aniline (µg/l)	2-Chloro-naphtha-lene (µg/l)	2-Chloro-phenol (µg/l)	4-Chloro-phenyl phenyl ether (µg/l)	Chrysene (µg/l)	Dibenzo-[a,h]-anthracene (µg/l)	Dibenzo-furan (µg/l)	1,2-Dichloro-benzene (svoc) (µg/l)	1,3-Dichloro-benzene (svoc) (µg/l)	1,4-Dichloro-benzene (svoc) (µg/l)	3,3-Dichloro-benzidine (µg/l)	2,4-Dichloro-phenol (µg/l)
MW-5															
02/16/07	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
MW-7															
02/16/07	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0

Table 1 e
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Diethyl phthalate	2,4-Dimethyl-phenol	Dimethyl phthalate	Di-n-butyl phthalate	2,4-Dinitro phenol	2,4-Dinitro-toluene	2,6-Dinitro-toluene	Di-n-octyl phthalate	Fluoran-thene	Fluorene	Hexachloro-benzene	HCBD (svoc)	Hexachloro cyclopenta-diene	Hexachloro - ethane	Indeno-[1,2,3-c,d] pyrene
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-5															
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0
MW-7															
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0

Table 1 f

ADDITIONAL CURRENT ANALYTICAL RESULTS

76 Station 5484

Date Sampled	Isophorone	2-Methyl-4,6-dinitrophenol	2-Methyl-naphthalene	2-Methyl-phenol	Naphthalene (svoc	2-Nitro-aniline	3-Nitro-aniline	4-Nitro-aniline	Nitro-benzene	2-Nitro-phenol	4-Nitro-phenol	N-nitrosodi-n-propyl-amine	N-Nitro-sodiphenyl-amine	Pentachloro-phenol	Phen-anthrene
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-5															
02/16/07	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0
MW-7															
02/16/07	ND<2.0	ND<10	19	ND<2.0	37	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0

Table 1 g
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Phenol (µg/l)	Pyrene (µg/l)	1,2,4-Trichloro-benzene (svoc) (µg/l)	2,4,6-Trichloro-phenol (µg/l)	2,4,5-Trichloro-phenol (µg/l)
MW-5					
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<5.0
MW-7					
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<5.0

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through February 2007

76 Station 5484

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2														
05/23/91	229.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/20/91	229.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/19/91	229.47	--	--	--	--	140	--	0.66	ND	0.64	1.2	--	--	
03/20/92	229.47	--	--	--	--	120	--	ND	ND	ND	ND	--	--	
06/18/92	229.47	--	--	--	--	140	--	ND	ND	ND	ND	--	--	
09/10/92	229.47	--	--	--	--	61	--	ND	ND	ND	ND	110	--	
12/10/92	229.47	--	--	--	--	100	--	ND	ND	ND	ND	170	--	
03/10/93	229.47	4.69	0.00	224.78	--	110	--	ND	ND	ND	ND	350	--	
06/09/93	229.47	5.85	0.00	223.62	-1.16	120	--	ND	ND	ND	ND	300	--	
09/09/93	228.88	6.59	0.00	222.29	-1.33	210	--	ND	ND	ND	ND	--	--	
12/09/93	228.88	6.94	0.00	221.94	-0.35	96	--	ND	ND	ND	ND	--	--	
03/03/94	228.88	4.91	0.00	223.97	2.03	240	--	ND	ND	ND	ND	--	--	
06/03/94	228.88	5.71	0.00	223.17	-0.80	190	--	ND	ND	ND	ND	--	--	
09/02/94	228.88	7.05	0.00	221.83	-1.34	720	--	ND	ND	ND	4.6	--	--	
12/01/94	228.88	6.98	0.00	221.90	0.07	200	--	0.70	ND	0.58	ND	--	--	
03/01/95	228.88	4.60	0.00	224.28	2.38	ND	--	ND	ND	ND	ND	--	--	
06/01/95	228.88	4.65	0.00	224.23	-0.05	420	--	ND	ND	ND	ND	--	--	
09/05/95	228.88	5.66	0.00	223.22	-1.01	ND	--	ND	0.80	ND	0.74	--	--	
12/05/95	228.88	6.32	0.00	222.56	-0.66	ND	--	ND	ND	ND	ND	390	--	
04/11/96	228.88	4.22	0.00	224.66	2.10	--	--	--	--	--	--	--	--	Not Sampled
03/13/97	228.88	6.58	0.00	222.30	-2.36	--	--	--	--	--	--	--	--	
03/02/98	228.88	5.18	0.00	223.70	1.40	--	--	--	--	--	--	--	--	
03/25/99	228.88	4.84	0.00	224.04	0.34	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through February 2007

76 Station 5484

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
03/07/00	228.88	4.92	0.00	223.96	-0.08	--	--	--	--	--	--	--	--	
03/28/01	228.88	4.37	0.00	224.51	0.55	--	--	--	--	--	--	--	--	
03/09/02	228.88	4.29	0.00	224.59	0.08	--	--	--	--	--	--	--	--	
03/24/03	228.88	4.24	0.00	224.64	0.05	--	--	--	--	--	--	--	--	
03/26/04	228.88	4.66	0.00	224.22	-0.42	--	--	--	--	--	--	--	--	Monitored Only
03/17/05	228.88	4.08	0.00	224.80	0.58	--	--	--	--	--	--	--	--	Monitored only
03/31/06	228.88	4.06	0.00	224.82	0.02	--	--	--	--	--	--	--	--	Monitored only
02/16/07	228.88	4.87	0.00	224.01	-0.81	--	--	--	--	--	--	--	--	Monitored Only
MW-4														
05/23/91	228.08	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/20/91	228.08	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
12/19/91	228.08	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/20/92	228.08	--	--	--	--	--	--	--	--	--	--	--	--	
06/18/92	228.08	--	--	--	--	ND	--	0.41	0.84	ND	0.55	--	--	
09/10/92	228.08	--	--	--	--	--	--	--	--	--	--	--	--	
12/10/92	228.08	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/10/93	228.08	7.24	0.00	220.84	--	ND	--	ND	ND	ND	ND	--	--	
06/09/93	228.08	8.79	0.00	219.29	-1.55	ND	--	ND	ND	ND	ND	--	--	
09/09/93	227.77	9.91	0.00	217.86	-1.43	ND	--	ND	ND	ND	ND	--	--	
12/09/93	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/03/94	227.77	6.98	0.00	220.79	--	ND	--	ND	ND	ND	ND	--	--	
06/03/94	227.77	8.26	0.00	219.51	-1.28	ND	--	ND	ND	ND	ND	--	--	
09/02/94	227.77	10.08	0.00	217.69	-1.82	ND	--	ND	ND	ND	ND	--	--	
12/01/94	227.77	10.01	0.00	217.76	0.07	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through February 2007

76 Station 5484

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
03/01/95	227.77	7.29	0.00	220.48	2.72	ND	--	ND	1.1	ND	0.75	--	--	
06/01/95	227.77	7.65	0.00	220.12	-0.36	ND	--	ND	0.78	ND	1.7	--	--	
09/05/95	227.77	9.27	0.00	218.50	-1.62	ND	--	ND	0.70	ND	0.71	--	--	
12/05/95	227.77	9.92	0.00	217.85	-0.65	ND	--	ND	ND	ND	ND	0.68	--	
04/11/96	227.77	7.55	0.00	220.22	2.37	ND	--	ND	ND	ND	ND	ND	--	
03/13/97	227.77	9.84	0.00	217.93	-2.29	ND	--	ND	ND	ND	ND	ND	--	
03/02/98	227.77	8.84	0.00	218.93	1.00	ND	--	ND	ND	ND	ND	ND	--	
03/25/99	227.77	7.46	0.00	220.31	1.38	ND	--	ND	ND	ND	ND	7.6	--	
03/07/00	227.77	7.58	0.00	220.19	-0.12	ND	--	ND	1.11	ND	ND	ND	--	
03/28/01	227.77	7.62	0.00	220.15	-0.04	ND	--	ND	ND	ND	ND	ND	--	
03/09/02	227.77	6.64	0.00	221.13	0.98	270	--	3.1	ND<1.0	5.0	ND<1.0	1200	--	
03/24/03	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/26/04	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/17/05	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/31/06	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
02/16/07	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
MW-5														
05/23/91	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/20/91	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/10/91	225.42	--	--	--	--	--	--	--	--	--	--	--	--	
12/19/91	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/20/92	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/18/92	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/10/92	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through February 2007

76 Station 5484

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
12/10/92	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/10/93	225.42	7.67	0.00	217.75	--	ND	--	ND	ND	ND	ND	--	--	
06/09/93	225.42	8.57	0.00	216.85	-0.90	ND	--	ND	ND	ND	ND	--	--	
09/09/93	225.11	9.12	0.00	215.99	-0.86	ND	--	ND	ND	ND	ND	--	--	
12/09/93	225.11	9.97	0.00	215.14	-0.85	ND	--	ND	ND	ND	ND	--	--	
03/03/94	225.11	7.87	0.00	217.24	2.10	ND	--	ND	ND	0.71	1.7	ND	--	
06/03/94	225.11	9.01	0.00	216.10	-1.14	ND	--	ND	ND	ND	ND	--	--	
09/02/94	225.11	9.23	0.00	215.88	-0.22	ND	--	ND	ND	ND	ND	--	--	
12/01/94	225.11	9.18	0.00	215.93	0.05	ND	--	ND	ND	ND	ND	--	--	
03/01/95	225.11	7.98	0.00	217.13	1.20	ND	--	ND	ND	ND	ND	--	--	
06/01/95	225.11	8.21	0.00	216.90	-0.23	ND	--	ND	ND	ND	ND	--	--	
09/05/95	225.11	9.57	0.00	215.54	-1.36	ND	--	ND	0.95	ND	0.87	--	--	
12/05/95	225.11	9.60	0.00	215.51	-0.03	ND	--	ND	ND	ND	ND	27	--	
04/11/96	225.11	7.48	0.00	217.63	2.12	ND	--	ND	ND	ND	ND	56	--	
03/13/97	225.11	9.56	0.00	215.55	-2.08	ND	--	ND	ND	ND	ND	ND	--	
03/02/98	225.11	8.96	0.00	216.15	0.60	ND	--	ND	ND	ND	ND	ND	--	
03/25/99	225.11	7.53	0.00	217.58	1.43	ND	--	ND	ND	ND	ND	3.9	--	
03/07/00	225.11	7.49	0.00	217.62	0.04	ND	--	ND	1.13	ND	ND	ND	--	
03/28/01	225.11	6.83	0.00	218.28	0.66	ND	--	ND	ND	ND	ND	ND	--	
03/09/02	225.11	5.85	0.00	219.26	0.98	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/24/03	225.11	5.90	0.00	219.21	-0.05	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/26/04	225.11	6.93	0.00	218.18	-1.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/17/05	225.11	6.08	0.00	219.03	0.85	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/31/06	225.11	5.51	0.00	219.60	0.57	--	ND<50	ND<0.50	ND<0.50	1.7	ND<1.0	--	2.9	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through February 2007

76 Station 5484

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
02/16/07	225.11	6.05	0.00	219.06	-0.54	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	1.5	2.6	
MW-6														
05/23/91	239.38	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/20/91	239.38	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
12/19/91	239.38	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/18/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/10/92	239.38	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/10/93	239.38	5.32	0.00	234.06	--	--	--	--	--	--	--	--	--	
06/09/93	239.38	5.94	0.00	233.44	-0.62	ND	--	ND	ND	ND	ND	--	--	
09/09/93	239.04	6.82	0.00	232.22	-1.22	--	--	--	--	--	--	--	--	
12/09/93	239.04	7.43	0.00	231.61	-0.61	150	--	ND	ND	ND	1.7	--	--	
03/03/94	239.04	6.45	0.00	232.59	0.98	--	--	--	--	--	--	--	--	
06/03/94	239.04	5.81	0.00	233.23	0.64	ND	--	ND	ND	ND	ND	--	--	
09/02/94	239.04	6.98	0.00	232.06	-1.17	--	--	--	--	--	--	--	--	
12/01/94	239.04	6.92	0.00	232.12	0.06	ND	--	ND	ND	ND	ND	--	--	
03/01/95	239.04	5.17	0.00	233.87	1.75	--	--	--	--	--	--	--	--	
06/01/95	239.04	4.76	0.00	234.28	0.41	ND	--	ND	0.70	ND	1.7	--	--	
09/05/95	239.04	5.69	0.00	233.35	-0.93	--	--	--	--	--	--	--	--	
12/05/95	239.04	6.75	0.00	232.29	-1.06	ND	--	ND	ND	ND	ND	1.4	--	
04/11/96	239.04	4.28	0.00	234.76	2.47	--	--	--	--	--	--	--	--	Not Sampled
03/13/97	239.04	7.05	0.00	231.99	-2.77	--	--	--	--	--	--	--	--	
03/02/98	239.04	5.14	0.00	233.90	1.91	--	--	--	--	--	--	--	--	
03/25/99	239.04	5.05	0.00	233.99	0.09	--	--	--	--	--	--	--	--	
03/07/00	239.04	5.15	0.00	233.89	-0.10	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through February 2007

76 Station 5484

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
03/28/01	239.04	5.17	0.00	233.87	-0.02	--	--	--	--	--	--	--	--	
03/09/02	239.04	5.13	0.00	233.91	0.04	--	--	--	--	--	--	--	--	
03/24/03	239.04	5.13	0.00	233.91	0.00	--	--	--	--	--	--	--	--	
03/26/04	239.04	5.10	0.00	233.94	0.03	--	--	--	--	--	--	--	--	Monitored Only
03/17/05	239.04	4.09	0.00	234.95	1.01	--	--	--	--	--	--	--	--	Monitored only
03/31/06	239.04	2.99	0.00	236.05	1.10	--	--	--	--	--	--	--	--	Monitored only
02/16/07	239.04	4.07	0.00	234.97	-1.08	--	--	--	--	--	--	--	--	Monitored Only
MW-7														
05/23/91	231.66	--	--	--	--	3000	--	160	1.2	25	120	--	--	
09/20/91	231.66	--	--	--	--	1400	--	160	0.75	89	130	--	--	
12/19/91	231.66	--	--	--	--	3900	--	240	2.4	280	270	--	--	
03/20/92	231.66	--	--	--	--	11000	--	980	ND	990	1600	--	--	
06/18/92	231.66	--	--	--	--	5500	--	340	4.2	380	410	--	--	
09/10/92	231.66	--	--	--	--	2100	--	160	1.9	140	150	--	--	
12/10/92	231.66	--	--	--	--	1200	--	28	ND	37	13	--	--	
03/10/93	231.66	7.69	0.00	223.97	--	4400	--	310	ND	300	330	--	--	
06/09/93	231.66	8.59	0.00	223.07	-0.90	4600	--	430	ND	510	430	--	--	
09/09/93	231.39	10.11	0.00	221.28	-1.79	2600	--	160	19	250	120	--	--	
12/09/93	231.39	10.65	0.00	220.74	-0.54	980	--	54	4.6	71	5.6	--	--	
03/03/94	231.39	8.17	0.00	223.22	2.48	9300	--	290	ND	590	400	1.7	--	
06/03/94	231.39	8.73	0.00	222.66	-0.56	9400	--	380	5	820	240	--	--	
09/02/94	231.39	11.00	0.00	220.39	-2.27	3800	--	77	ND	180	42	--	--	
12/01/94	231.39	10.95	0.00	220.44	0.05	3100	--	80	ND	250	190	--	--	
03/01/95	231.39	8.03	0.00	223.36	2.92	3300	--	200	3.9	300	350	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through February 2007

76 Station 5484

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
06/01/95	231.39	7.92	0.00	223.47	0.11	3900	--	170	ND	400	430	--	--	
09/05/95	231.39	8.61	0.00	222.78	-0.69	710	--	32	ND	85	33	--	--	
12/05/95	231.39	9.69	0.00	221.70	-1.08	400	--	23	ND	34	16	1600	--	
12/08/95	231.39	9.59	0.00	221.80	0.10	--	--	--	--	--	--	--	--	
04/11/96	231.39	7.31	0.00	224.08	2.28	1500	--	52	ND	160	130	1500	--	
03/13/97	231.39	9.48	0.00	221.91	-2.17	460	--	13	ND	31	4.0	430	--	
03/02/98	231.39	7.93	0.00	223.46	1.55	1800	--	63	ND	240	60	790	--	
03/25/99	231.39	7.25	0.00	224.14	0.68	380	--	6.4	ND	10	4.9	1200	--	
03/07/00	231.39	7.12	0.00	224.27	0.13	199	--	3.51	ND	3.30	0.697	1250	--	
03/28/01	231.39	6.92	0.00	224.47	0.20	734	--	19.6	0.514	23.3	6.13	1070	1260	
03/09/02	231.39	6.48	0.00	224.91	0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/24/03	231.39	6.42	0.00	224.97	0.06	--	--	ND<10	ND<10	ND<10	ND<20	--	1600	
03/26/04	231.39	7.25	0.00	224.14	-0.83	2800	--	34	ND<25	120	33	1200	--	
03/17/05	231.39	7.02	0.00	224.37	0.23	2700	--	ND<5.0	ND<5.0	160	15	940	--	
03/31/06	231.39	6.74	0.00	224.65	0.28	--	450	8.7	ND<2.5	33	ND<5.0	--	260	
02/16/07	231.39	6.95	0.00	224.44	-0.21	1600	--	11	ND<0.30	61	4.2	350	410	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	TPH-D	TBA	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Acenaph-thylene	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4															
04/11/96	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/13/97	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/02/98	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/25/99	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/07/00	--	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--
03/28/01	--	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--
03/09/02	--	--	--	ND<2.5	--	--	--	--	--	ND<2.5	--	--	--	--	--
03/24/03	--	--	--		--	--	--	--	--	--	--	--	--	--	--
MW-5															
09/20/91	450	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/10/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/20/92	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/18/92	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/10/92	110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/10/92	83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/10/93	69	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
06/09/93	64	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
09/09/93	58	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
12/09/93	87	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/03/94	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
06/03/94	80	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
09/02/94	130	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
12/01/94	79	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/01/95	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
06/01/95	57	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
09/05/95	210	--	--	ND	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	TPH-D	TBA	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Acenaph-thylene	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-5 continued															
12/05/95	170	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
04/11/96	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/13/97	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/02/98	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/25/99	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/07/00	--	--	--	ND	--	--	--	--	--	7.16	--	--	--	--	--
03/28/01	--	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--
03/09/02	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	--	--	--	--	--
03/24/03	--	--	--	ND<0.50	--	--	--	--	--		--	--	--	--	--
03/26/04	--	--	--	ND<0.50	--	--	--	--	ND<2.0	ND<0.50	ND<2.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0
03/17/05	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<2.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0
03/31/06	--	--	ND<0.50	ND<0.50	--	--	--	--	--	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0
02/16/07	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
MW-7															
05/23/91	540	--	--	3.4	--	--	--	ND	--	--	--	--	--	--	--
09/20/91	580	--	--	ND	--	--	--	ND	--	--	--	--	--	--	--
12/19/91	770	--	--	3.1	--	--	--	ND	--	--	--	--	--	--	--
03/20/92	3200	--	--	ND	--	--	--	ND	--	--	--	--	--	--	--
06/18/92	990	--	--	ND	--	--	--	ND	--	--	--	--	--	--	--
09/10/92	290	--	--	2.3	--	--	--	--	--	--	--	--	--	--	--
12/10/92	200	--	--	2.0	--	--	--	--	--	--	--	--	--	--	--
03/10/93	1100	--	--	1.3	--	--	--	--	--	--	--	--	--	--	--
06/09/93	830	--	--	1.3	--	--	--	--	--	--	--	--	--	--	--
09/09/93	550	--	--	1.5	--	--	--	--	--	--	--	--	--	--	--
12/09/93	250	--	--	1.5	--	--	--	--	--	--	--	--	--	--	--
03/03/94	1400	--	--	1.7	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	TPH-D	TBA	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Acenaph-thylene	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-7 continued															
06/03/94	2000	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--
09/02/94	490	--	--	1.1	--	--	--	--	--	--	--	--	--	--	--
12/01/94	260	--	--	1.0	--	--	--	--	--	--	--	--	--	--	--
03/01/95	1900	--	--	1.6	--	--	--	--	--	--	--	--	--	--	--
06/01/95	1600	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--
09/05/95	ND	--	--	1.8	--	--	--	--	--	--	--	--	--	--	--
12/05/95	110	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
04/11/96	--	--	--	0.75	--	--	--	--	--	--	--	--	--	--	--
03/13/97	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/02/98	--	--	--	0.92	--	--	--	--	--	--	--	--	--	--	--
03/25/99	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--
03/07/00	--	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--
03/28/01	--	ND	ND	ND	ND	ND	ND	--	--	ND	--	--	--	--	--
03/09/02	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	--	--	--	--	--
03/24/03	--	--	--	0.98	--	--	--	--	--	ND<0.50	--	--	--	--	--
03/26/04	--	--	--	ND<10	--	--	--	--	ND<2.0	ND<10	ND<40	ND<20	ND<10	ND<10	ND<20
03/17/05	--	--	--	ND<10	--	--	--	--	--	ND<10	ND<40	ND<20	ND<10	ND<10	ND<20
03/31/06	--	--	ND<2.5	ND<2.5	--	--	--	--	--	ND<2.5	ND<5.0	ND<5.0	ND<2.5	ND<2.5	ND<5.0
02/16/07	--	--	--	0.66	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	2-Chloroethyl vinyl ether	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4															
03/07/00	--	87.1	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/01	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5															
03/07/00	--	69.7	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/01	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/02	--	ND<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
03/24/03	--	ND<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/17/05	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/31/06	--	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/16/07	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-7															
03/07/00	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/01	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/02	--	ND<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
03/24/03	--	ND<0.50	--	--	--	--	--	--	--	--	--	--	--	--	--
03/26/04	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
03/17/05	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
03/31/06	--	ND<5.0	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
02/16/07	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2 c

ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 5484

Date Sampled	Hexa-chloro-butadiene	Methylene chloride	Naph-thalene	1,1,2,2-Tetrachloro ethane	Tetrachloro ethene (PCE)	Trichloro-trifluoro-ethane	1,2,4-Trichloro-benzene	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride	Acena-phthene	Acena-phthylene (svoc)	Anthra-cene
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4															
04/11/96	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/13/97	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/25/99	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/07/00	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/28/01	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/09/02	--	--	ND<5.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-5															
03/10/93	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
04/11/96	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/13/97	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/25/99	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/07/00	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/28/01	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/09/02	--	--	ND<5.0	--	--	--	--	--	--	--	--	--	--	--	--
03/24/03	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--	--	--
03/26/04	ND<2.0	ND<5.0	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<2.0	--	ND<2.0
03/17/05	--	ND<5.0	--	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	--	--	--
03/31/06	ND<2.1	ND<5.0	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<2.1	ND<2.1	ND<2.1
02/16/07	--	ND<1.0	--	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0
MW-7															
03/10/93	--	--	83	--	--	--	--	--	--	--	--	--	--	--	--
06/09/93	--	--	83	--	--	--	--	--	--	--	--	--	--	--	--
09/09/93	--	--	48	--	--	--	--	--	--	--	--	--	--	--	--
12/09/93	--	--	15	--	--	--	--	--	--	--	--	--	--	--	--
03/03/94	--	--	130	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Hexa-chloro-butadiene	Methylene chloride	Naph-thalene	1,1,2,2-Tetrachloro ethane	Tetrachloro ethene (PCE)	Trichloro-trifluoro-ethane	1,2,4-Trichloro-benzene	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride	Acena-phthene	Acena-phthylene (svoc)	Anthra-cene
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-7 continued															
06/03/94	--	--	61	--	--	--	--	--	--	--	--	--	--	--	--
09/02/94	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
12/01/94	--	--	2.5	--	--	--	--	--	--	--	--	--	--	--	--
03/01/95	--	--	120	--	--	--	--	--	--	--	--	--	--	--	--
06/01/95	--	--	83	--	--	--	--	--	--	--	--	--	--	--	--
09/05/95	--	--	7.0	--	--	--	--	--	--	--	--	--	--	--	--
12/08/95	--	--	14	--	--	--	--	--	--	--	--	--	--	--	--
04/11/96	--	--	42	--	--	--	--	--	--	--	--	--	--	--	--
03/13/97	--	--	9.0	--	--	--	--	--	--	--	--	--	--	--	--
03/25/99	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/07/00	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/28/01	--	--	7.7	--	--	--	--	--	--	--	--	--	--	--	--
03/09/02	--	--	ND<5.0	--	--	--	--	--	--	--	--	--	--	--	--
03/26/04	ND<2.0	ND<100	17	ND<10	ND<10	ND<10	ND<2.0	ND<10	ND<10	ND<10	ND<20	ND<10	ND<2.0	--	ND<2.0
03/17/05	--	ND<100	--	ND<10	ND<10	ND<10	--	ND<10	ND<10	ND<10	ND<20	ND<10	--	--	--
03/31/06	ND<2.1	ND<25	--	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.1	ND<2.1	ND<2.1
02/16/07	--	ND<1.0	--	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0

Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Benzo[a]-anthracene (µg/l)	Benzo[a]-pyrene (µg/l)	Benzo[b]-fluor-anthene (µg/l)	Benzo-[g,h,I]-perylene (µg/l)	Benzo[k]-fluor-anthene (µg/l)	Benzoic Acid (µg/l)	Benzyl Alcohol (µg/l)	Bis(2-chloro-ethoxy) methane (µg/l)	Bis(2-chloro-ethyl) ether (µg/l)	Bis(2-chloro-isopropyl)-ether (µg/l)	Bis(2-ethyl-hexyl) phthalate (µg/l)	4-Bromo-phenyl phe-nyl ether (µg/l)	Butyl benzyl phthalate (µg/l)	4-Chloro- 3-methyl-phenol (µg/l)	4-Chloro-aniline (µg/l)
MW-4															
04/11/96	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/13/97	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/25/99	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/07/00	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/28/01	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/02	--	--	--	--	--	--	--	--	--	--	ND<10	--	--	--	--
MW-5															
03/10/93	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
04/11/96	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/13/97	--	--	--	--	--	--	--	--	--	--	740	--	--	--	--
03/25/99	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/07/00	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/28/01	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/02	--	--	--	--	--	--	--	--	--	--	ND<10	--	--	--	--
03/24/03	--	--	--	--	--	--	--	--	--	--	ND<10	--	--	--	--
03/26/04	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	ND<10	--	--	--	--
03/31/06	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<10	ND<5.2	ND<5.2	--	ND<2.1	ND<10	ND<5.2	ND<5.2	ND<5.2	ND<2.1
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0
MW-7															
03/10/93	--	--	--	--	--	--	--	--	--	--	13	--	--	--	--
06/09/93	--	--	--	--	--	--	--	--	--	--	13	--	--	--	--
09/09/93	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
12/09/93	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/03/94	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
06/03/94	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--

Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Benzo[a]-anthracene (µg/l)	Benzo[a]-pyrene (µg/l)	Benzo[b]-fluor-anthene (µg/l)	Benzo-[g,h,I]-perylene (µg/l)	Benzo[k]-fluor-anthene (µg/l)	Benzoic Acid (µg/l)	Benzyl Alcohol (µg/l)	Bis(2-chloro-ethoxy) methane (µg/l)	Bis(2-chloro-ethyl) ether (µg/l)	Bis(2-chloro-isopropyl)-ether (µg/l)	Bis(2-ethyl-hexyl) phthalate (µg/l)	4-Bromo-phenyl phe-nyl ether (µg/l)	Butyl benzyl phthalate (µg/l)	4-Chloro- 3-methyl-phenol (µg/l)	4-Chloro-aniline (µg/l)
MW-7 continued															
09/02/94	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
12/01/94	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/01/95	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
06/01/95	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
09/05/95	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
12/08/95	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
04/11/96	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/13/97	--	--	--	--	--	--	--	--	--	--	120	--	--	--	--
03/25/99	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/07/00	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/28/01	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/02	--	--	--	--	--	--	--	--	--	--	ND<10	--	--	--	--
03/24/03	--	--	--	--	--	--	--	--	--	--	ND<10	--	--	--	--
03/26/04	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	ND<10	--	--	--	--
03/31/06	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<10	ND<5.2	ND<5.2	--	ND<2.1	ND<10	ND<5.2	ND<5.2	ND<5.2	ND<2.1
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0

Table 2 e

ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 5484

Date Sampled	2-Chloro-naphtha-lene (µg/l)	2-Chloro-phenol (µg/l)	4-Chloro-phenyl phenyl ethe (µg/l)	Chrysene (µg/l)	Dibenzo-[a,h]-anthracene (µg/l)	Dibenzo-furan (µg/l)	1,2-Dichloro-benzene (svoc) (µg/l)	1,3-Dichloro-benzene (svoc) (µg/l)	1,4-Dichloro-benzene (svoc) (µg/l)	3,3-Dichloro-benzidine (µg/l)	2,4-Dichloro-phenol (µg/l)	Diethyl phthalate (µg/l)	2,4-Dimethyl-phenol (µg/l)	Dimethyl phthalate (µg/l)	Di-n-butyl phthalate (µg/l)
MW-5															
03/26/04	--	--	--	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--	--
03/31/06	ND<2.1	ND<2.1	ND<5.2	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<5.2	ND<2.1	ND<5.2	ND<2.1	ND<5.2	ND<5.2
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
MW-7															
03/26/04	--	--	--	ND<2.0	ND<2.0	--	--	--	--	--	--	--	--	--	--
03/31/06	ND<2.1	ND<2.1	ND<5.2	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<5.2	ND<2.1	ND<5.2	ND<2.1	ND<5.2	ND<5.2
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table 2 f

ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 5484

Date Sampled	2,4-Dinitro-phenol	2,4-Dinitro-toluene	2,6-Dinitro toluene	Di-n-octyl phthalate	Fluoran-thene	Fluorene	Iexachloro-benzene	HCBD (svoc)	Hexachloro cyclopenta-diene	Hexachloro ethane	Indeno-[1,2,3-c,d] pyrene	Isophorone	2-Methyl-4,6-dini-trophenol	2-Methyl-naphtha-lene	2-Methyl-phenol
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4															
04/11/96	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/13/97	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/25/99	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/07/00	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/28/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/09/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5.0	--
MW-5															
03/10/93	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
04/11/96	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/13/97	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/25/99	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/07/00	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/28/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/09/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<0.50	--
03/24/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--
03/26/04	--	--	--	--	ND<2.0	ND<2.0	--	--	--	--	ND<2.0	--	--	ND<2.0	ND<2.0
03/31/06	ND<10	ND<2.1	ND<5.2	ND<5.2	ND<2.1	ND<2.1	ND<2.1	--	ND<5.2	ND<2.1	ND<2.1	ND<2.1	ND<10	ND<2.1	ND<2.1
02/16/07	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0
MW-7															
03/10/93	--	--	--	--	--	--	--	--	--	--	--	--	--	19	--
06/09/93	--	--	--	--	--	--	--	--	--	--	--	--	--	19	--
09/09/93	--	--	--	--	--	--	--	--	--	--	--	--	--	11	--
12/09/93	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/03/94	--	--	--	--	--	--	--	--	--	--	--	--	--	34	--
06/03/94	--	--	--	--	--	--	--	--	--	--	--	--	--	18	--

Table 2 f
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	2,4-Dinitro-phenol	2,4-Dinitro-toluene	2,6-Dinitro toluene	Di-n-octyl phthalate	Fluoran-thene	Fluorene	Iexachloro-benzene	HCBD (svoc)	Hexachloro cyclopenta-diene	Hexachloro ethane	Indeno-[1,2,3-c,d] pyrene	Isophorone	2-Methyl-4,6-dini-trophenol	2-Methyl-naphtha-lene	2-Methyl-phenol
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-7 continued															
09/02/94	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
12/01/94	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/01/95	--	--	--	--	--	--	--	--	--	--	--	--	--	40	--
06/01/95	--	--	--	--	--	--	--	--	--	--	--	--	--	13	--
09/05/95	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
12/08/95	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
04/11/96	--	--	--	--	--	--	--	--	--	--	--	--	--	7.6	--
03/13/97	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/25/99	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/07/00	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/28/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
03/09/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5.0	--
03/24/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2.0	--
03/26/04	--	--	--	--	ND<2.0	ND<2.0	--	--	--	--	ND<2.0	--	--	23	ND<2.0
03/31/06	ND<10	ND<2.1	ND<5.2	ND<5.2	ND<2.1	ND<2.1	ND<2.1	--	ND<5.2	ND<2.1	ND<2.1	ND<2.1	ND<10	3.1	ND<2.1
02/16/07	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	19	ND<2.0

Table 2 g
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	4-Methyl-phenol (µg/l)	Naphtha-lene (svoc) (µg/l)	2-Nitro-aniline (µg/l)	3-Nitro-aniline (µg/l)	4-Nitro-aniline (µg/l)	Nitro-benzene (µg/l)	2-Nitro-phenol (µg/l)	4-Nitro-phenol (µg/l)	N-nitrosodi-n-propyl-amine (µg/l)	N-Nitro-sodiphenyl-amine (µg/l)	Pentachloro-phenol (µg/l)	Phen-anthrene (µg/l)	Phenol (µg/l)	Pyrene (µg/l)	1,2,4-Trichloro-benzene (svoc) (µg/l)
MW-5															
03/26/04	ND<2.0	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	ND<2.0	--
03/31/06	ND<2.1	ND<2.1	ND<10	ND<2.1	ND<10	ND<2.1	ND<2.1	ND<10	ND<2.1	ND<2.1	ND<10	ND<2.1	--	ND<2.1	ND<2.1
02/16/07	--	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0
MW-7															
03/26/04	ND<2.0	--	--	--	--	--	--	--	--	--	--	ND<2.0	--	ND<2.0	--
03/31/06	ND<2.1	6.2	ND<10	ND<2.1	ND<10	ND<2.1	ND<2.1	ND<10	ND<2.1	ND<2.1	ND<10	ND<2.1	--	ND<2.1	ND<2.1
02/16/07	--	37	ND<2.0	ND<2.0	ND<5.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table 2 h
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	2,4,6-Trichloro-phenol (µg/l)	2,4,5-Trichloro-phenol (µg/l)
MW-5		
03/31/06	ND<2.1	ND<2.1
02/16/07	ND<5.0	ND<5.0
MW-7		
03/31/06	ND<2.1	ND<2.1
02/16/07	ND<5.0	ND<5.0

FIGURES

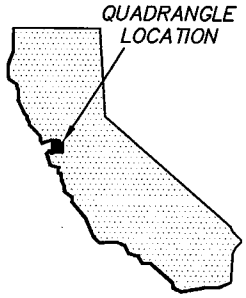
0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Hayward Quadrangle



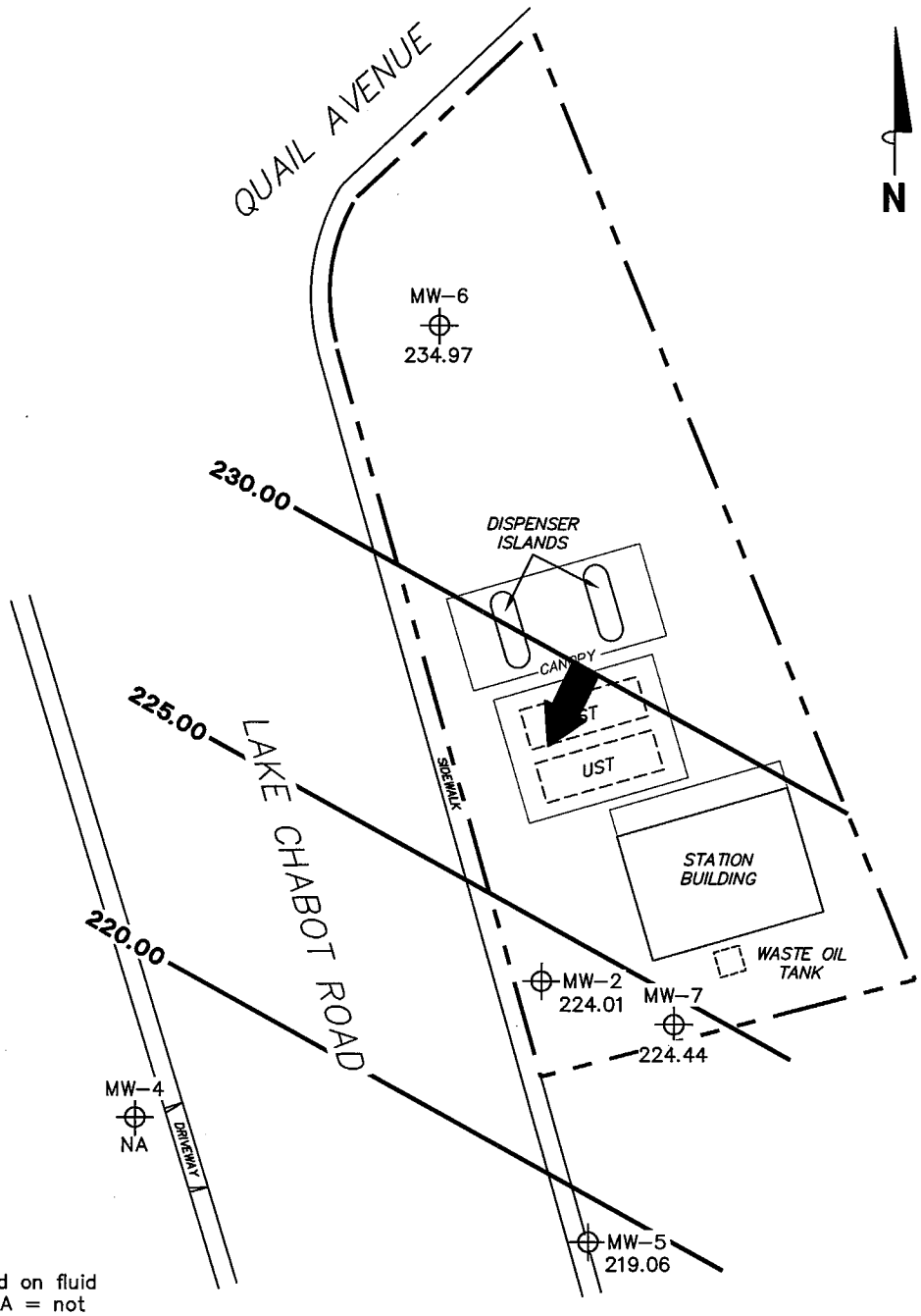
TRC

VICINITY MAP

76 Station 5484
18950 Lake Chabot Road
Castro Valley, California

FIGURE 1

PS = 1:1 L:\QMS VICINITY MAPS\5484vm.dwg Mar 14, 2007 - 6:50am aakers



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. NA = not analyzed, measured, or collected. Elevations are in feet above mean sea level. UST = underground storage tank.

LEGEND

MW-7 ⊕ Monitoring Well with Groundwater Elevation (feet)

230.00 — Groundwater Elevation Contour

General Direction of Groundwater Flow

SCALE (FEET)

0 30

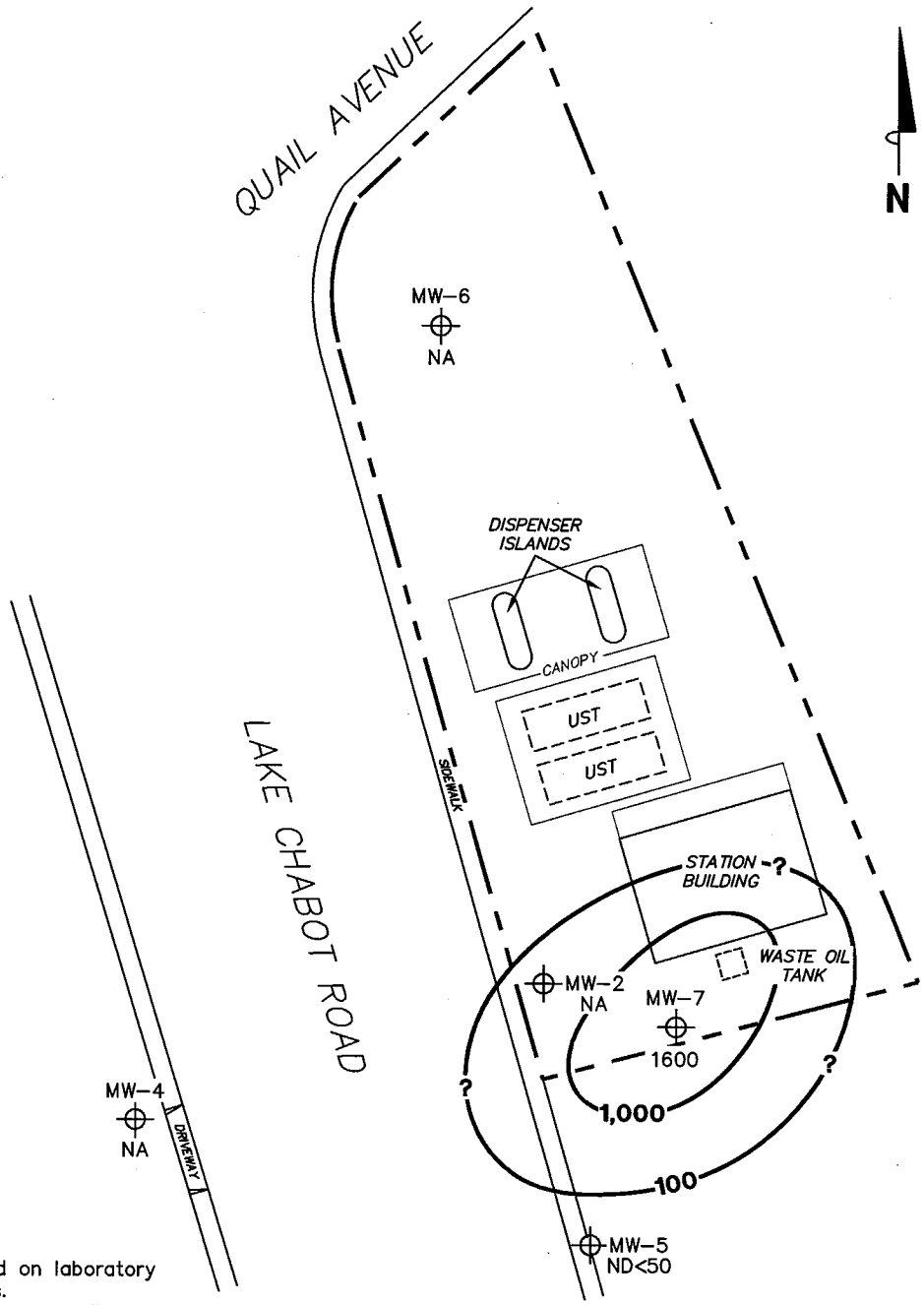
GROUNDWATER ELEVATION CONTOUR MAP
February 16, 2007

76 Station 5484
18950 Lake Chabot Road
Castro Valley, California

FIGURE 2

TRC

PS=1:1 5484-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(Unocal(QMS)\x-5000\5484+\5484-QMS.dwg Mar 15, 2007 - 10:57am aakers



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
TPH-G = total petroleum hydrocarbons as gasoline.
µg/l = micrograms per liter. NA = not analyzed, measured, or collected. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank. Results obtained using EPA Method 8015.

LEGEND

MW-7 ⊕ Monitoring Well with Dissolved-Phase TPH-G Concentration (µg/l)

—1,000— Dissolved-Phase TPH-G Contour (µg/l)

TRC

SCALE (FEET)

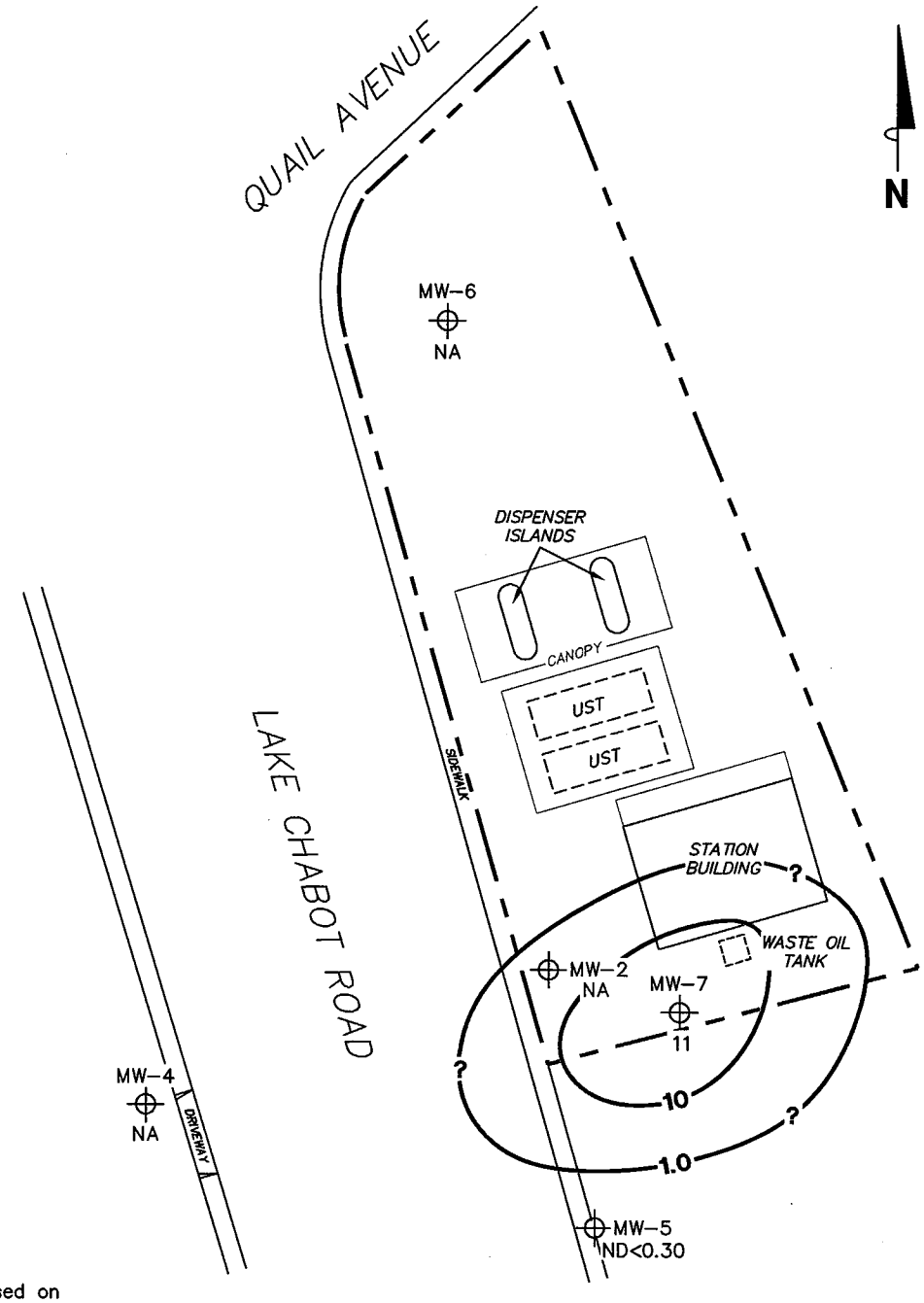
0 30

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
February 16, 2007

76 Station 5484
18950 Lake Chabot Road
Castro Valley, California

FIGURE 3

PS=1:1 5484-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5484+\5484-QMS.dwg Mar 16, 2007 - 1:23pm aakers



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. µg/l = micrograms per liter. NA = not analyzed, measured, or collected. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank.

LEGEND

MW-7 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

10 Dissolved-Phase Benzene Contour (µg/l)

TRC

SCALE (FEET)

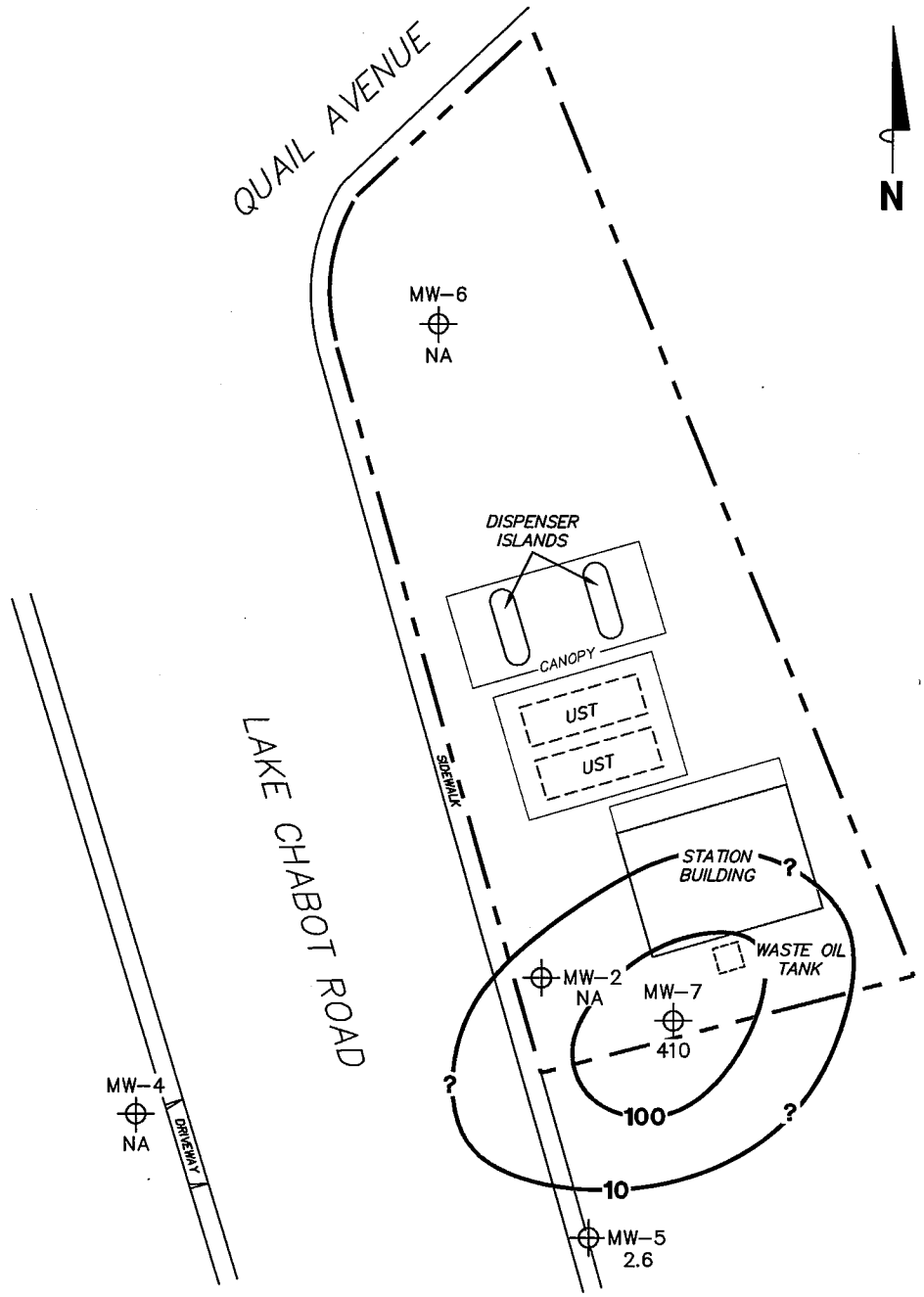
0 30

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
February 16, 2007

76 Station 5484
18950 Lake Chabot Road
Castro Valley, California

FIGURE 4

PS=1:1 5484-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5484+\5484-QMS.dwg Mar 16, 2007 - 1:23pm aakers



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. NA = not analyzed, measured, or collected. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-7 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

100 Dissolved-Phase MTBE Contour (µg/l)

TRC

SCALE (FEET)

0 30

DISSOLVED-PHASE MTBE CONCENTRATION MAP
February 16, 2007

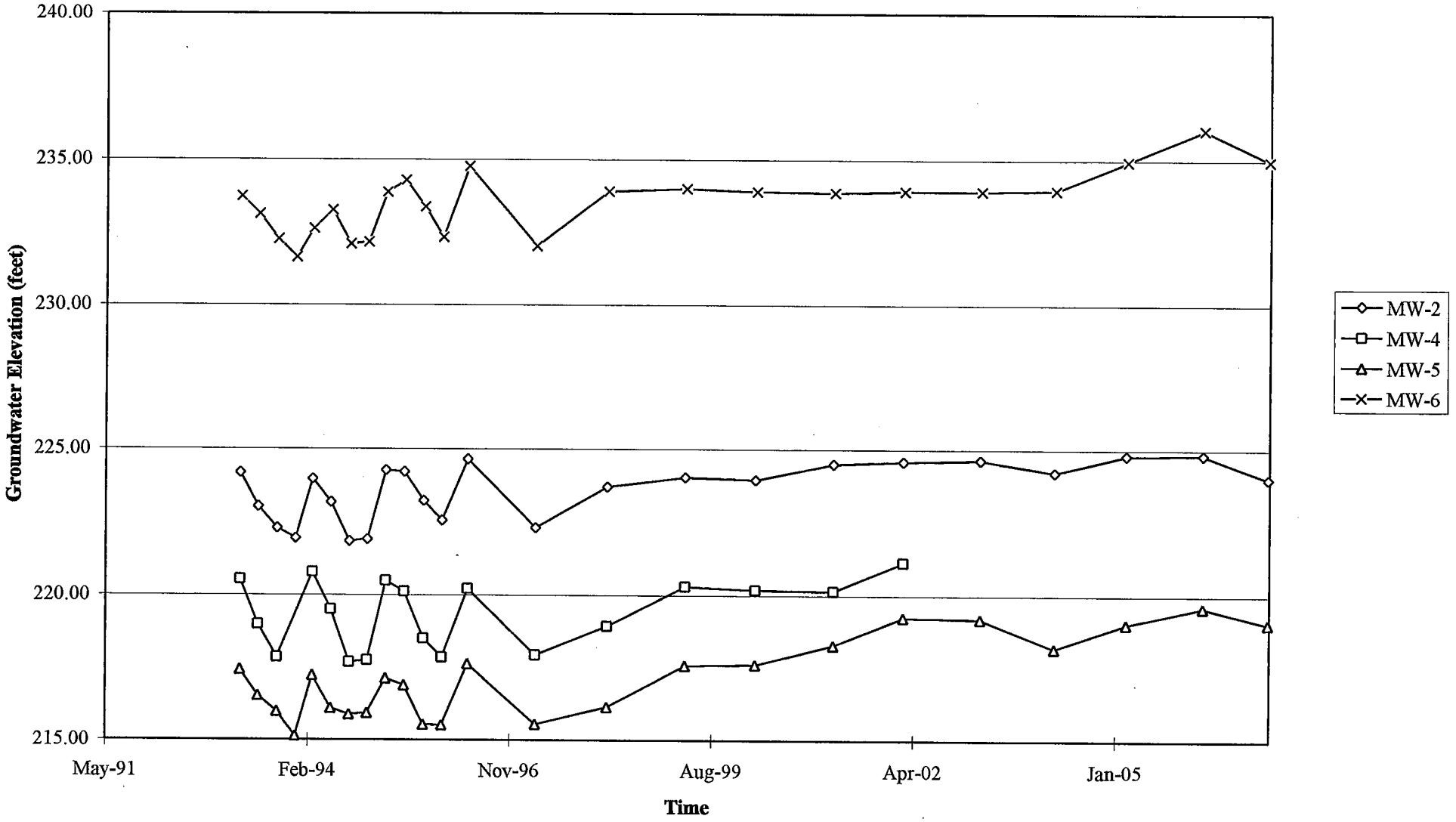
76 Station 5484
18950 Lake Chabot Road
Castro Valley, California

FIGURE 5

PS=1:1 5484-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5484+\5484-QMS.dwg Mar 16, 2007 - 1:23pm aakers

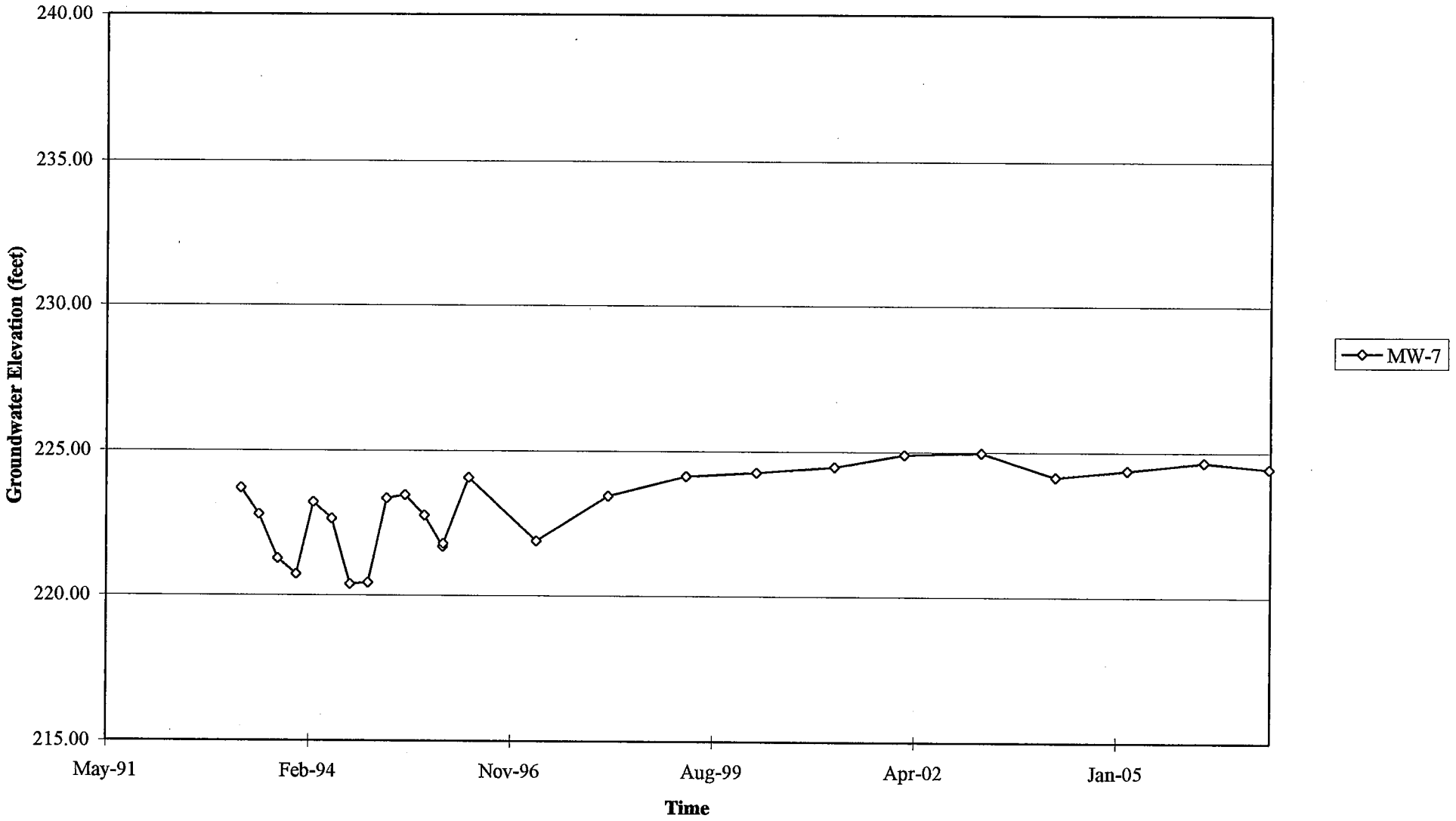
GRAPHS

Groundwater Elevations vs. Time
76 Station 5484



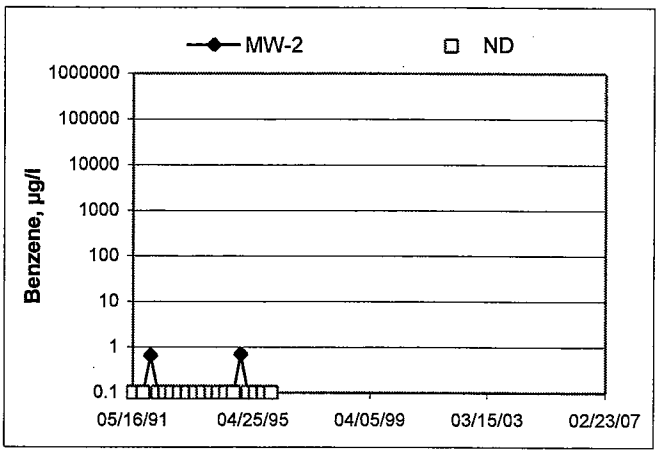
Elevations may have been corrected for apparent changes due to resurvey

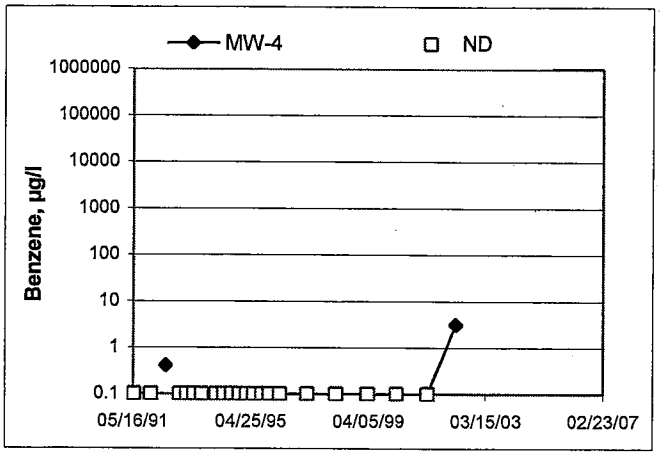
Groundwater Elevations vs. Time
76 Station 5484

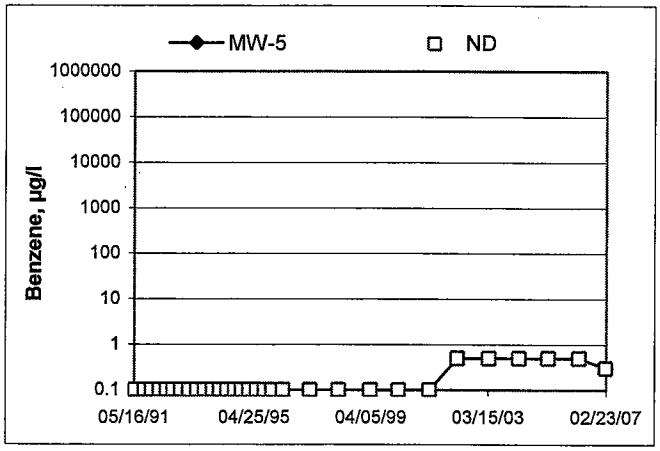


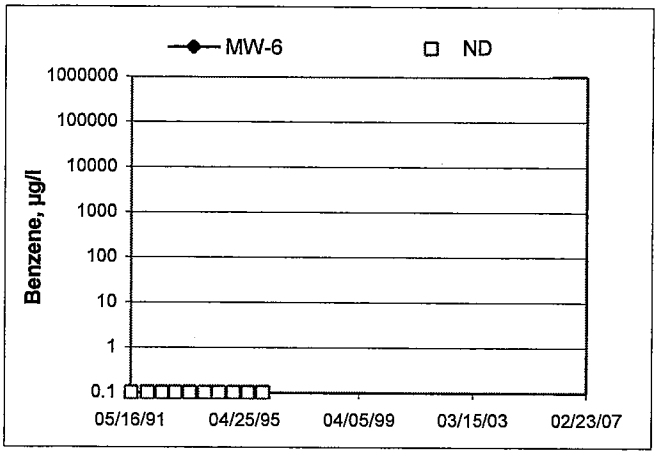
Elevations may have been corrected for apparent changes due to resurvey

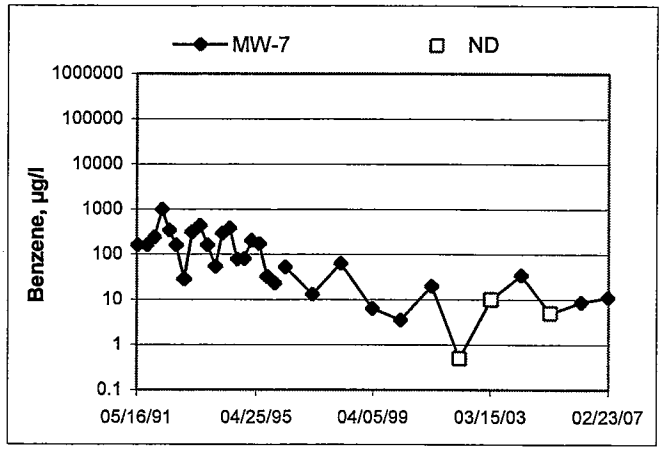
Benzene Concentrations vs Time
76 Station 5484











GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: JOE Job #/Task #: 410600001 / FA20 Date: 02-16-07

Site # 5484 Project Manager A. Colline Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-6	0515	X	26.95	4.07	—	—	NS	4" Monitor only
MW-5	0524	X	23.88	6.05	—	—	0823	4"
MW-2	0530	X	19.02	4.87	—	—	NS	2" Monitor only
MW-7	0535	X	19.50	6.95	—	—	0849	2"
MW-4	—	—	—	—	—	—	—	Inaccessible well

FIELD DATA COMPLETE ✓	QA/QC	COC ✓	WELL BOX CONDITION SHEETS ✓
WTT CERTIFICATE	MANIFEST	DRUM INVENTORY ✓	TRAFFIC CONTROL ✓

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5484 Project No.: 41060001 Date: 02-16-07

Well No. MW-5 Purge Method: DTA

Depth to Water (feet): 6.05 Depth to Product (feet): —

Total Depth (feet) 23.83 LPH & Water Recovered (gallons): —

Water Column (feet): 17.78 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 9.60 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, (C))	pH	D.O.	ORP	Turbidity
0612			12	1084	16.5	7.76			
	0620		24	1171	17.5	7.18			
			36	—	—	—			

Static at Time Sampled	Total Gallons Purged	Sample Time
15.30	32	0823

Comments: WENT DRY AT 32 Gals. DID NOT Recharge IN 45 min. DID NOT Recharge IN 2 HOURS

T.O.S

Well No. MW-7 Purge Method: DTA

Depth to Water (feet): 6.95 Depth to Product (feet): —

Total Depth (feet) 19.50 LPH & Water Recovered (gallons): —

Water Column (feet): 12.55 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 9.46 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0637			2	1884	14.9	7.02			
			4	2171	16.0	6.74			
	0639		6	2174	16.0	7.17			

Static at Time Sampled	Total Gallons Purged	Sample Time
9.46	6	0849

Comments: well went DRY AT 6 Gals

8:39

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 02-16-07 STATION NUMBER: 5484

NAME OF TECH: JOE LEWIS CALLED GORDON: _____

CALLED PM: ✓ NAME OF PM CALLED: A. Collins

WELL NUMBER: MW-4 STATEMENT FROM PM _____ OR TECH ✓

unable TO Locate, Inaccessible

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

BC LABORATORIES, INC.

Date of Report: 03/09/2007

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

RE: 5484
BC Work Order: 0702058

Enclosed are the results of analyses for samples received by the laboratory on 02/16/2007 19:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation,, detachment or third party interpretation.

BC LABORATORIES, INC.

TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 5484 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/09/2007 12:47

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0702058-01	**COC Number:**	---	**Receive Date:**	02/16/2007 19:40	Delivery Work Order:
	Project Number:	5484	**Sampling Date:**	02/16/2007 08:23	Global ID: T0600101453
	Sampling Location:	MW-5	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Joe of TRCI			Cooler ID:
0702058-02	**COC Number:**	---	**Receive Date:**	02/16/2007 19:40	Delivery Work Order:
	Project Number:	5484	**Sampling Date:**	02/16/2007 08:49	Global ID: T0600101453
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Joe of TRCI			Cooler ID:

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0702058-01 | **Client Sample Name:** 5484, MW-5, MW-5, 2/16/2007 8:23:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Methylene chloride	ND	ug/L	1.0		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Methyl t-butyl ether	2.6	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0702058-01 | **Client Sample Name:** 5484, MW-5, MW-5, 2/16/2007 8:23:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461		
Toluene-d8 (Surrogate)	98.3	%	88 - 110 (LCL - UCL)		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461		
4-Bromofluorobenzene (Surrogate)	97.2	%	86 - 115 (LCL - UCL)		EPA-8260	02/24/07	02/24/07 21:03	MGC	MS-V5	1	BQB1461		

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 0702058-01 | **Client Sample Name:** 5484, MW-5, MW-5, 2/16/2007 8:23:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Acenaphthylene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Anthracene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Benzo[a]anthracene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Benzo[b]fluoranthene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Benzo[k]fluoranthene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Benzo[a]pyrene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Benzo[g,h,i]perylene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Benzoic acid	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Benzyl alcohol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Benzyl butyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
bis(2-Chloroethoxy)methane	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
bis(2-Chloroethyl) ether	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
bis(2-Chloroisopropyl)ether	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	V11
bis(2-Ethylhexyl)phthalate	ND	ug/L	4.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	M03
4-Bromophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
4-Chloroaniline	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2-Chloronaphthalene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
4-Chlorophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Chrysene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Dibenzo[a,h]anthracene	ND	ug/L	3.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Dibenzofuran	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
1,2-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	

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TRC Alton Geoscience	Project: 5484	**Reported:** 03/09/2007 12:47
21 Technology Drive	Project Number: [none]	
Irvine, CA 92618-2302	Project Manager: Anju Farfan	

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 0702058-01 | **Client Sample Name:** 5484, MW-5, MW-5, 2/16/2007 8:23:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,3-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
1,4-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
3,3-Dichlorobenzidine	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Diethyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Dimethyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Di-n-butyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2,4-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2,6-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Di-n-octyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Fluoranthene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Fluorene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Hexachlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Hexachlorobutadiene	ND	ug/L	1.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Hexachlorocyclopentadiene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Hexachloroethane	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Isophorone	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2-Methylnaphthalene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Naphthalene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2-Nitroaniline	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
3-Nitroaniline	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
4-Nitroaniline	ND	ug/L	5.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Nitrobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	

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TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 5484 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 0702058-01 | **Client Sample Name:** 5484, MW-5, MW-5, 2/16/2007 8:23:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
N-Nitrosodi-N-propylamine	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
N-Nitrosodiphenylamine	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Phenanthrene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Pyrene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
1,2,4-Trichlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
4-Chloro-3-methylphenol	ND	ug/L	5.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2-Chlorophenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2,4-Dichlorophenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2,4-Dimethylphenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
4,6-Dinitro-2-methylphenol	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2,4-Dinitrophenol	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2-Methylphenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
3- & 4-Methylphenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2-Nitrophenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
4-Nitrophenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Pentachlorophenol	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
Phenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2,4,5-Trichlorophenol	ND	ug/L	5.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2,4,6-Trichlorophenol	ND	ug/L	5.0		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374	ND	
2-Fluorophenol (Surrogate)	47.5	%	31 - 116 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374		
Phenol-d5 (Surrogate)	40.8	%	24 - 77 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374		
Nitrobenzene-d5 (Surrogate)	70.5	%	38 - 148 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374		
2-Fluorobiphenyl (Surrogate)	66.7	%	39 - 149 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374		

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TRC Alton Geoscience	Project: 5484	**Reported:** 03/09/2007 12:47
21 Technology Drive	Project Number: [none]	
Irvine, CA 92618-2302	Project Manager: Anju Farfan	

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 0702058-01 | **Client Sample Name:** 5484, MW-5, MW-5, 2/16/2007 8:23:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2,4,6-Tribromophenol (Surrogate)	74.1	%	49 - 187	(LCL - UCL)	EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374		
p-Terphenyl-d14 (Surrogate)	64.4	%	35 - 192	(LCL - UCL)	EPA-8270C	02/23/07	03/07/07 01:36	SKC	MS-B2	1	BQC0374		

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0702058-01 | **Client Sample Name:** 5484, MW-5, MW-5, 2/16/2007 8:23:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	02/21/07	02/22/07 16:26	CAW	GC-V4	1	BQB1344	ND	
Toluene	ND	ug/L	0.30		EPA-8021	02/21/07	02/22/07 16:26	CAW	GC-V4	1	BQB1344	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	02/21/07	02/22/07 16:26	CAW	GC-V4	1	BQB1344	ND	
Methyl t-butyl ether	1.5	ug/L	1.0		EPA-8021	02/21/07	02/22/07 16:26	CAW	GC-V4	1	BQB1344		
Total Xylenes	ND	ug/L	0.60		EPA-8021	02/21/07	02/22/07 16:26	CAW	GC-V4	1	BQB1344	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	02/21/07	02/22/07 16:26	CAW	GC-V4	1	BQB1344	ND	A53
a,a,a-Trifluorotoluene (PID Surrogate)	92.3	%	70 - 130 (LCL - UCL)		EPA-8021	02/21/07	02/22/07 16:26	CAW	GC-V4	1	BQB1344		
a,a,a-Trifluorotoluene (FID Surrogate)	103	%	70 - 130 (LCL - UCL)		Luft	02/21/07	02/22/07 16:26	CAW	GC-V4	1	BQB1344		

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0702058-02 | **Client Sample Name:** 5484, MW-7, MW-7, 2/16/2007 8:49:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,2-Dichloroethane	0.66	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Methylene chloride	ND	ug/L	1.0		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Methyl t-butyl ether	410	ug/L	5.0		EPA-8260	02/24/07	02/26/07 10:15	MGC	MS-V5	10	BQB1461	ND	A01

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0702058-02 | **Client Sample Name:** 5484, MW-7, MW-7, 2/16/2007 8:49:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461	ND	
1,2-Dichloroethane-d4 (Surrogate)	117	%	76 - 114 (LCL - UCL)		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461		
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	02/24/07	02/26/07 10:15	MGC	MS-V5	10	BQB1461		
Toluene-d8 (Surrogate)	96.4	%	88 - 110 (LCL - UCL)		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	02/24/07	02/26/07 10:15	MGC	MS-V5	10	BQB1461		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	02/24/07	02/26/07 10:15	MGC	MS-V5	10	BQB1461		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	02/24/07	02/25/07 05:27	MGC	MS-V5	1	BQB1461		

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TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 5484 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 0702058-02 | **Client Sample Name:** 5484, MW-7, MW-7, 2/16/2007 8:49:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Acenaphthene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Acenaphthylene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Anthracene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Benzo[a]anthracene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Benzo[b]fluoranthene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Benzo[k]fluoranthene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Benzo[a]pyrene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Benzo[g,h,i]perylene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Benzoic acid	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Benzyl alcohol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Benzyl butyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
bis(2-Chloroethoxy)methane	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
bis(2-Chloroethyl) ether	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
bis(2-Chloroisopropyl)ether	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	V11
bis(2-Ethylhexyl)phthalate	ND	ug/L	4.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	M03
4-Bromophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
4-Chloroaniline	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2-Chloronaphthalene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
4-Chlorophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Chrysene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Dibenzo[a,h]anthracene	ND	ug/L	3.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Dibenzofuran	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
1,2-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	

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TRC Alton Geoscience	Project: 5484	**Reported:** 03/09/2007 12:47
21 Technology Drive	Project Number: [none]	
Irvine, CA 92618-2302	Project Manager: Anju Farfan	

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 0702058-02 | **Client Sample Name:** 5484, MW-7, MW-7, 2/16/2007 8:49:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,3-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
1,4-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
3,3-Dichlorobenzidine	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Diethyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Dimethyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Di-n-butyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2,4-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2,6-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Di-n-octyl phthalate	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Fluoranthene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Fluorene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Hexachlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Hexachlorobutadiene	ND	ug/L	1.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Hexachlorocyclopentadiene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Hexachloroethane	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Isophorone	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2-Methylnaphthalene	19	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Naphthalene	37	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2-Nitroaniline	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
3-Nitroaniline	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
4-Nitroaniline	ND	ug/L	5.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Nitrobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	

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21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 0702058-02 | **Client Sample Name:** 5484, MW-7, MW-7, 2/16/2007 8:49:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
N-Nitrosodi-N-propylamine	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
N-Nitrosodiphenylamine	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Phenanthrene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Pyrene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
1,2,4-Trichlorobenzene	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
4-Chloro-3-methylphenol	ND	ug/L	5.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2-Chlorophenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2,4-Dichlorophenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2,4-Dimethylphenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
4,6-Dinitro-2-methylphenol	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2,4-Dinitrophenol	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2-Methylphenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
3- & 4-Methylphenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2-Nitrophenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
4-Nitrophenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Pentachlorophenol	ND	ug/L	10		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
Phenol	ND	ug/L	2.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2,4,5-Trichlorophenol	ND	ug/L	5.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2,4,6-Trichlorophenol	ND	ug/L	5.0		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374	ND	
2-Fluorophenol (Surrogate)	76.6	%	31 - 116 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374		
Phenol-d5 (Surrogate)	58.2	%	24 - 77 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374		
Nitrobenzene-d5 (Surrogate)	81.5	%	38 - 148 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374		
2-Fluorobiphenyl (Surrogate)	84.8	%	39 - 149 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374		

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21 Technology Drive
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Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 0702058-02 | **Client Sample Name:** 5484, MW-7, MW-7, 2/16/2007 8:49:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2,4,6-Tribromophenol (Surrogate)	100	%	49 - 187 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374		
p-Terphenyl-d14 (Surrogate)	86.5	%	35 - 192 (LCL - UCL)		EPA-8270C	02/23/07	03/07/07 02:04	SKC	MS-B2	1	BQC0374		

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TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 5484 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 03/09/2007 12:47

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0702058-02 | **Client Sample Name:** 5484, MW-7, MW-7, 2/16/2007 8:49:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	11	ug/L	0.30		EPA-8021	02/21/07	02/22/07 16:52	CAW	GC-V4	1	BQB1344	ND	
Toluene	ND	ug/L	0.30		EPA-8021	02/21/07	02/22/07 16:52	CAW	GC-V4	1	BQB1344	ND	
Ethylbenzene	61	ug/L	0.30		EPA-8021	02/21/07	02/22/07 16:52	CAW	GC-V4	1	BQB1344	ND	
Methyl t-butyl ether	350	ug/L	10		EPA-8021	02/21/07	02/22/07 17:43	CAW	GC-V4	10	BQB1344		A01
Total Xylenes	4.2	ug/L	0.60		EPA-8021	02/21/07	02/22/07 16:52	CAW	GC-V4	1	BQB1344	ND	
Gasoline Range Organics (C4 - C12)	1600	ug/L	50		Luft	02/21/07	02/22/07 16:52	CAW	GC-V4	1	BQB1344	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	103	%	70 - 130 (LCL - UCL)		EPA-8021	02/21/07	02/22/07 16:52	CAW	GC-V4	1	BQB1344		
a,a,a-Trifluorotoluene (PID Surrogate)	93.7	%	70 - 130 (LCL - UCL)		EPA-8021	02/21/07	02/22/07 17:43	CAW	GC-V4	10	BQB1344		
a,a,a-Trifluorotoluene (FID Surrogate)	107	%	70 - 130 (LCL - UCL)		Luft	02/21/07	02/22/07 16:52	CAW	GC-V4	1	BQB1344		
a,a,a-Trifluorotoluene (FID Surrogate)	100	%	70 - 130 (LCL - UCL)		Luft	02/21/07	02/22/07 17:43	CAW	GC-V4	1	BQB1344		

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Bromodichloromethane	BQB1461	Matrix Spike	0702058-01	0	27.760	25.000	ug/L		111		70 - 130	
		Matrix Spike Duplicate	0702058-01	0	27.970	25.000	ug/L	0.9	112	20	70 - 130	
Chlorobenzene	BQB1461	Matrix Spike	0702058-01	0	25.840	25.000	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0702058-01	0	25.790	25.000	ug/L	0	103	20	70 - 130	
Chloroethane	BQB1461	Matrix Spike	0702058-01	0	26.110	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0702058-01	0	27.010	25.000	ug/L	3.8	108	20	70 - 130	
1,4-Dichlorobenzene	BQB1461	Matrix Spike	0702058-01	0	27.940	25.000	ug/L		112		70 - 130	
		Matrix Spike Duplicate	0702058-01	0	27.440	25.000	ug/L	1.8	110	20	70 - 130	
1,1-Dichloroethane	BQB1461	Matrix Spike	0702058-01	0	25.500	25.000	ug/L		102		70 - 130	
		Matrix Spike Duplicate	0702058-01	0	25.550	25.000	ug/L	0	102	20	70 - 130	
1,1-Dichloroethene	BQB1461	Matrix Spike	0702058-01	0	26.040	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0702058-01	0	26.350	25.000	ug/L	1.0	105	20	70 - 130	
Trichloroethene	BQB1461	Matrix Spike	0702058-01	0	25.140	25.000	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0702058-01	0	25.390	25.000	ug/L	1.0	102	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BQB1461	Matrix Spike	0702058-01	ND	10.460	10.000	ug/L		105		76 - 114	
		Matrix Spike Duplicate	0702058-01	ND	10.400	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BQB1461	Matrix Spike	0702058-01	ND	9.9700	10.000	ug/L		99.7		88 - 110	
		Matrix Spike Duplicate	0702058-01	ND	10.060	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BQB1461	Matrix Spike	0702058-01	ND	10.700	10.000	ug/L		107		86 - 115	
		Matrix Spike Duplicate	0702058-01	ND	10.180	10.000	ug/L		102		86 - 115	

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Acenaphthene	BQC0374	Matrix Spike	0701337-55	0	81.216	80.000	ug/L		102		38 - 147	
		Matrix Spike Duplicate	0701337-55	0	84.030	80.000	ug/L	2.9	105	19	38 - 147	
1,4-Dichlorobenzene	BQC0374	Matrix Spike	0701337-55	0	71.565	80.000	ug/L		89.5		40 - 129	
		Matrix Spike Duplicate	0701337-55	0	66.458	80.000	ug/L	7.4	83.1	22	40 - 129	
2,4-Dinitrotoluene	BQC0374	Matrix Spike	0701337-55	0	78.613	80.000	ug/L		98.3		45 - 141	
		Matrix Spike Duplicate	0701337-55	0	82.246	80.000	ug/L	4.7	103	24	45 - 141	
Hexachlorobenzene	BQC0374	Matrix Spike	0701337-55	0	82.387	80.000	ug/L		103		57 - 149	
		Matrix Spike Duplicate	0701337-55	0	82.780	80.000	ug/L	0	103	19	57 - 149	
Hexachlorobutadiene	BQC0374	Matrix Spike	0701337-55	0	67.134	80.000	ug/L		83.9		37 - 113	
		Matrix Spike Duplicate	0701337-55	0	63.394	80.000	ug/L	5.8	79.2	24	37 - 113	
Hexachloroethane	BQC0374	Matrix Spike	0701337-55	0	62.418	80.000	ug/L		78.0		31 - 127	
		Matrix Spike Duplicate	0701337-55	0	61.005	80.000	ug/L	2.2	76.3	23	31 - 127	
Nitrobenzene	BQC0374	Matrix Spike	0701337-55	0	85.568	80.000	ug/L		107		33 - 147	
		Matrix Spike Duplicate	0701337-55	0	68.395	80.000	ug/L	22.3	85.5	25	33 - 147	
N-Nitrosodi-N-propylamine	BQC0374	Matrix Spike	0701337-55	0	66.602	80.000	ug/L		83.3		33 - 132	
		Matrix Spike Duplicate	0701337-55	0	65.310	80.000	ug/L	2.1	81.6	24	33 - 132	
Pyrene	BQC0374	Matrix Spike	0701337-55	0	110.82	80.000	ug/L		139		44 - 169	
		Matrix Spike Duplicate	0701337-55	0	104.36	80.000	ug/L	6.7	130	19	44 - 169	
1,2,4-Trichlorobenzene	BQC0374	Matrix Spike	0701337-55	0	75.541	80.000	ug/L		94.4		44 - 128	
		Matrix Spike Duplicate	0701337-55	0	66.381	80.000	ug/L	12.9	83.0	22	44 - 128	
4-Chloro-3-methylphenol	BQC0374	Matrix Spike	0701337-55	0	94.114	80.000	ug/L		118		44 - 140	
		Matrix Spike Duplicate	0701337-55	0	82.973	80.000	ug/L	12.6	104	21	44 - 140	
2-Chlorophenol	BQC0374	Matrix Spike	0701337-55	0	69.459	80.000	ug/L		86.8		33 - 114	
		Matrix Spike Duplicate	0701337-55	0	68.729	80.000	ug/L	1.0	85.9	22	33 - 114	
2-Methylphenol	BQC0374	Matrix Spike	0701337-55	0	66.722	80.000	ug/L		83.4		37 - 110	
		Matrix Spike Duplicate	0701337-55	0	65.111	80.000	ug/L	2.4	81.4	21	37 - 110	

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21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
3- & 4-Methylphenol	BQC0374	Matrix Spike	0701337-55	0	105.36	80.000	ug/L		132		67 - 182	
		Matrix Spike Duplicate	0701337-55	0	95.934	80.000	ug/L	9.5	120	21	67 - 182	
4-Nitrophenol	BQC0374	Matrix Spike	0701337-55	0	51.187	80.000	ug/L		64.0		22 - 72	
		Matrix Spike Duplicate	0701337-55	0	52.124	80.000	ug/L	1.9	65.2	30	22 - 72	
Pentachlorophenol	BQC0374	Matrix Spike	0701337-55	0	101.80	80.000	ug/L		127		30 - 154	
		Matrix Spike Duplicate	0701337-55	0	86.811	80.000	ug/L	15.3	109	28	30 - 154	
Phenol	BQC0374	Matrix Spike	0701337-55	0	33.822	80.000	ug/L		42.3		6 - 71	
		Matrix Spike Duplicate	0701337-55	0	31.985	80.000	ug/L	5.6	40.0	19	6 - 71	
2,4,6-Trichlorophenol	BQC0374	Matrix Spike	0701337-55	0	83.894	80.000	ug/L		105		36 - 131	
		Matrix Spike Duplicate	0701337-55	0	91.315	80.000	ug/L	8.2	114	24	36 - 131	
2-Fluorophenol (Surrogate)	BQC0374	Matrix Spike	0701337-55	ND	52.870	80.000	ug/L		66.1		31 - 116	
		Matrix Spike Duplicate	0701337-55	ND	51.580	80.000	ug/L		64.5		31 - 116	
Phenol-d5 (Surrogate)	BQC0374	Matrix Spike	0701337-55	ND	33.240	80.000	ug/L		41.6		24 - 77	S09
		Matrix Spike Duplicate	0701337-55	ND	32.760	80.000	ug/L		41.0		24 - 77	S09
Nitrobenzene-d5 (Surrogate)	BQC0374	Matrix Spike	0701337-55	ND	71.610	80.000	ug/L		89.5		38 - 148	
		Matrix Spike Duplicate	0701337-55	ND	72.210	80.000	ug/L		90.3		38 - 148	
2-Fluorobiphenyl (Surrogate)	BQC0374	Matrix Spike	0701337-55	ND	74.010	80.000	ug/L		92.5		39 - 149	S09
		Matrix Spike Duplicate	0701337-55	ND	84.700	80.000	ug/L		106		39 - 149	S09
2,4,6-Tribromophenol (Surrogate)	BQC0374	Matrix Spike	0701337-55	ND	87.680	80.000	ug/L		110		49 - 187	
		Matrix Spike Duplicate	0701337-55	ND	80.850	80.000	ug/L		101		49 - 187	
p-Terphenyl-d14 (Surrogate)	BQC0374	Matrix Spike	0701337-55	ND	35.610	40.000	ug/L		89.0		35 - 192	
		Matrix Spike Duplicate	0701337-55	ND	34.580	40.000	ug/L		86.4		35 - 192	

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Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BQB1344	Matrix Spike	0701337-25	0	38.445	40.000	ug/L		96.1		70 - 130	
		Matrix Spike Duplicate	0701337-25	0	37.664	40.000	ug/L	2.0	94.2	20	70 - 130	
Toluene	BQB1344	Matrix Spike	0701337-25	0	38.231	40.000	ug/L		95.6		70 - 130	
		Matrix Spike Duplicate	0701337-25	0	37.550	40.000	ug/L	1.8	93.9	20	70 - 130	
Ethylbenzene	BQB1344	Matrix Spike	0701337-25	0	38.694	40.000	ug/L		96.7		70 - 130	
		Matrix Spike Duplicate	0701337-25	0	38.134	40.000	ug/L	1.5	95.3	20	70 - 130	
Methyl t-butyl ether	BQB1344	Matrix Spike	0701337-25	0	35.429	40.000	ug/L		88.6		70 - 130	
		Matrix Spike Duplicate	0701337-25	0	33.888	40.000	ug/L	4.5	84.7	20	70 - 130	
Total Xylenes	BQB1344	Matrix Spike	0701337-25	0	116.46	120.00	ug/L		97.0		70 - 130	
		Matrix Spike Duplicate	0701337-25	0	114.48	120.00	ug/L	1.7	95.4	20	70 - 130	
Gasoline Range Organics (C4 - C12)	BQB1344	Matrix Spike	0701337-25	0	883.49	1000.0	ug/L		88.3		70 - 130	
		Matrix Spike Duplicate	0701337-25	0	891.28	1000.0	ug/L	0.9	89.1	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	BQB1344	Matrix Spike	0701337-25	ND	36.083	40.000	ug/L		90.2		70 - 130	
		Matrix Spike Duplicate	0701337-25	ND	36.635	40.000	ug/L		91.6		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	BQB1344	Matrix Spike	0701337-25	ND	39.053	40.000	ug/L		97.6		70 - 130	
		Matrix Spike Duplicate	0701337-25	ND	39.616	40.000	ug/L		99.0		70 - 130	

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21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Bromodichloromethane	BQB1461	BQB1461-BS1	LCS	27.230	25.000	0.50	ug/L	109		70 - 130		
Chlorobenzene	BQB1461	BQB1461-BS1	LCS	24.980	25.000	0.50	ug/L	99.9		70 - 130		
Chloroethane	BQB1461	BQB1461-BS1	LCS	26.500	25.000	0.50	ug/L	106		70 - 130		
1,4-Dichlorobenzene	BQB1461	BQB1461-BS1	LCS	26.210	25.000	0.50	ug/L	105		70 - 130		
1,1-Dichloroethane	BQB1461	BQB1461-BS1	LCS	25.200	25.000	0.50	ug/L	101		70 - 130		
1,1-Dichloroethene	BQB1461	BQB1461-BS1	LCS	26.520	25.000	0.50	ug/L	106		70 - 130		
Trichloroethene	BQB1461	BQB1461-BS1	LCS	24.710	25.000	0.50	ug/L	98.8		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQB1461	BQB1461-BS1	LCS	10.410	10.000		ug/L	104		76 - 114		
Toluene-d8 (Surrogate)	BQB1461	BQB1461-BS1	LCS	10.010	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQB1461	BQB1461-BS1	LCS	10.160	10.000		ug/L	102		86 - 115		

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21 Technology Drive
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Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Acenaphthene	BQC0374	BQC0374-BS1	LCS	79.456	80.000	2.0	ug/L	99.3		38 - 146		
1,4-Dichlorobenzene	BQC0374	BQC0374-BS1	LCS	66.916	80.000	2.0	ug/L	83.6		34 - 137		
2,4-Dinitrotoluene	BQC0374	BQC0374-BS1	LCS	88.254	80.000	2.0	ug/L	110		43 - 149		
Hexachlorobenzene	BQC0374	BQC0374-BS1	LCS	88.501	80.000	2.0	ug/L	111		51 - 155		
Hexachlorobutadiene	BQC0374	BQC0374-BS1	LCS	59.880	80.000	1.0	ug/L	74.8		31 - 121		
Hexachloroethane	BQC0374	BQC0374-BS1	LCS	61.900	80.000	2.0	ug/L	77.4		32 - 129		
Nitrobenzene	BQC0374	BQC0374-BS1	LCS	65.889	80.000	2.0	ug/L	82.4		32 - 143		
N-Nitrosodi-N-propylamine	BQC0374	BQC0374-BS1	LCS	70.126	80.000	2.0	ug/L	87.7		33 - 132		
Pyrene	BQC0374	BQC0374-BS1	LCS	111.21	80.000	2.0	ug/L	139		46 - 157		
1,2,4-Trichlorobenzene	BQC0374	BQC0374-BS1	LCS	67.488	80.000	2.0	ug/L	84.4		36 - 137		
4-Chloro-3-methylphenol	BQC0374	BQC0374-BS1	LCS	85.645	80.000	5.0	ug/L	107		43 - 133		
2-Chlorophenol	BQC0374	BQC0374-BS1	LCS	71.813	80.000	2.0	ug/L	89.8		39 - 113		
2-Methylphenol	BQC0374	BQC0374-BS1	LCS	65.499	80.000	2.0	ug/L	81.9		38 - 112		
3- & 4-Methylphenol	BQC0374	BQC0374-BS1	LCS	100.23	80.000	2.0	ug/L	125		65 - 185		
4-Nitrophenol	BQC0374	BQC0374-BS1	LCS	54.816	80.000	2.0	ug/L	68.5		26 - 68		L01
Pentachlorophenol	BQC0374	BQC0374-BS1	LCS	96.238	80.000	10	ug/L	120		32 - 156		
Phenol	BQC0374	BQC0374-BS1	LCS	32.510	80.000	2.0	ug/L	40.6		12 - 62		
2,4,6-Trichlorophenol	BQC0374	BQC0374-BS1	LCS	83.019	80.000	5.0	ug/L	104		37 - 135		
2-Fluorophenol (Surrogate)	BQC0374	BQC0374-BS1	LCS	52.440	80.000		ug/L	65.6		31 - 116		
Phenol-d5 (Surrogate)	BQC0374	BQC0374-BS1	LCS	33.840	80.000		ug/L	42.3		24 - 77		
Nitrobenzene-d5 (Surrogate)	BQC0374	BQC0374-BS1	LCS	73.440	80.000		ug/L	91.8		38 - 148		
2-Fluorobiphenyl (Surrogate)	BQC0374	BQC0374-BS1	LCS	76.090	80.000		ug/L	95.1		39 - 149		
2,4,6-Tribromophenol (Surrogate)	BQC0374	BQC0374-BS1	LCS	78.090	80.000		ug/L	97.6		49 - 187		

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21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
p-Terphenyl-d14 (Surrogate)	BQC0374	BQC0374-BS1	LCS	33.820	40.000		ug/L	84.6		35 - 192		

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Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BQB1344	BQB1344-BS1	LCS	41.154	40.000	0.30	ug/L	103		85 - 115		
Toluene	BQB1344	BQB1344-BS1	LCS	42.348	40.000	0.30	ug/L	106		85 - 115		
Ethylbenzene	BQB1344	BQB1344-BS1	LCS	42.060	40.000	0.30	ug/L	105		85 - 115		
Methyl t-butyl ether	BQB1344	BQB1344-BS1	LCS	35.672	40.000	1.0	ug/L	89.2		85 - 115		
Total Xylenes	BQB1344	BQB1344-BS1	LCS	125.69	120.00	0.60	ug/L	105		85 - 115		
Gasoline Range Organics (C4 - C12)	BQB1344	BQB1344-BS1	LCS	881.57	1000.0	50	ug/L	88.2		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BQB1344	BQB1344-BS1	LCS	39.214	40.000		ug/L	98.0		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BQB1344	BQB1344-BS1	LCS	40.369	40.000		ug/L	101		70 - 130		

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Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Bromodichloromethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Bromoform	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Bromomethane	BQB1461	BQB1461-BLK1	ND	ug/L	1.0		
Carbon tetrachloride	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Chlorobenzene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Chloroethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Chloroform	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Chloromethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Dichlorodifluoromethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,1-Dichloroethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,2-Dichloropropane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
cis-1,3-Dichloropropene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Methylene chloride	BQB1461	BQB1461-BLK1	ND	ug/L	1.0		
Methyl t-butyl ether	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Tetrachloroethene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Trichloroethene	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,1,2-Trichloro-1,2,2-trifluoroethane	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
Vinyl chloride	BQB1461	BQB1461-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane-d4 (Surrogate)	BQB1461	BQB1461-BLK1	103	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQB1461	BQB1461-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQB1461	BQB1461-BLK1	96.8	%	86 - 115 (LCL - UCL)		

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Acenaphthene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Acenaphthylene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Anthracene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Benzo[a]anthracene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Benzo[b]fluoranthene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Benzo[k]fluoranthene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Benzo[a]pyrene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Benzo[g,h,i]perylene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Benzoic acid	BQC0374	BQC0374-BLK1	ND	ug/L	10		
Benzyl alcohol	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Benzyl butyl phthalate	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
bis(2-Chloroethoxy)methane	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
bis(2-Chloroethyl) ether	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
bis(2-Chloroisopropyl)ether	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
bis(2-Ethylhexyl)phthalate	BQC0374	BQC0374-BLK1	ND	ug/L	4.0		M03
4-Bromophenyl phenyl ether	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
4-Chloroaniline	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
2-Chloronaphthalene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
4-Chlorophenyl phenyl ether	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Chrysene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Dibenzo[a,h]anthracene	BQC0374	BQC0374-BLK1	ND	ug/L	3.0		
Dibenzofuran	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
1,2-Dichlorobenzene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
1,3-Dichlorobenzene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,4-Dichlorobenzene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
3,3-Dichlorobenzidine	BQC0374	BQC0374-BLK1	ND	ug/L	10		
Diethyl phthalate	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Dimethyl phthalate	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Di-n-butyl phthalate	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
2,4-Dinitrotoluene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
2,6-Dinitrotoluene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Di-n-octyl phthalate	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Fluoranthene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Fluorene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Hexachlorobenzene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Hexachlorobutadiene	BQC0374	BQC0374-BLK1	ND	ug/L	1.0		
Hexachlorocyclopentadiene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Hexachloroethane	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Indeno[1,2,3-cd]pyrene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Isophorone	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
2-Methylnaphthalene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Naphthalene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
2-Nitroaniline	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
3-Nitroaniline	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
4-Nitroaniline	BQC0374	BQC0374-BLK1	ND	ug/L	5.0		
Nitrobenzene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
N-Nitrosodi-N-propylamine	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
N-Nitrosodiphenylamine	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Phenanthrene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Pyrene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
1,2,4-Trichlorobenzene	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
4-Chloro-3-methylphenol	BQC0374	BQC0374-BLK1	ND	ug/L	5.0		
2-Chlorophenol	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
2,4-Dichlorophenol	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
2,4-Dimethylphenol	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
4,6-Dinitro-2-methylphenol	BQC0374	BQC0374-BLK1	ND	ug/L	10		
2,4-Dinitrophenol	BQC0374	BQC0374-BLK1	ND	ug/L	10		
2-Methylphenol	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
3- & 4-Methylphenol	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
2-Nitrophenol	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
4-Nitrophenol	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
Pentachlorophenol	BQC0374	BQC0374-BLK1	ND	ug/L	10		
Phenol	BQC0374	BQC0374-BLK1	ND	ug/L	2.0		
2,4,5-Trichlorophenol	BQC0374	BQC0374-BLK1	ND	ug/L	5.0		
2,4,6-Trichlorophenol	BQC0374	BQC0374-BLK1	ND	ug/L	5.0		
2-Fluorophenol (Surrogate)	BQC0374	BQC0374-BLK1	63.7	%	31 - 116 (LCL - UCL)		
Phenol-d5 (Surrogate)	BQC0374	BQC0374-BLK1	20.0	%	24 - 77 (LCL - UCL)		S09
Nitrobenzene-d5 (Surrogate)	BQC0374	BQC0374-BLK1	94.7	%	38 - 148 (LCL - UCL)		
2-Fluorobiphenyl (Surrogate)	BQC0374	BQC0374-BLK1	284	%	39 - 149 (LCL - UCL)		S09
2,4,6-Tribromophenol (Surrogate)	BQC0374	BQC0374-BLK1	137	%	49 - 187 (LCL - UCL)		
p-Terphenyl-d14 (Surrogate)	BQC0374	BQC0374-BLK1	152	%	35 - 192 (LCL - UCL)		

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TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 5484
Project Number: [none]
Project Manager: Anju Farfan

Reported: 03/09/2007 12:47

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BQB1344	BQB1344-BLK1	ND	ug/L	0.30		
Toluene	BQB1344	BQB1344-BLK1	ND	ug/L	0.30		
Ethylbenzene	BQB1344	BQB1344-BLK1	ND	ug/L	0.30		
Total Xylenes	BQB1344	BQB1344-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BQB1344	BQB1344-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BQB1344	BQB1344-BLK1	86.2	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BQB1344	BQB1344-BLK1	96.3	%	70 - 130 (LCL - UCL)		

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TRC Alton Geoscience	Project: 5484	**Reported:** 03/09/2007 12:47
21 Technology Drive	Project Number: [none]	
Irvine, CA 92618-2302	Project Manager: Anju Farfan	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A53	Chromatogram not typical of gasoline.
L01	The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
M03	Analyte detected in the Method Blank at a level between the PQL and the MDL.
S09	The surrogate recovery on the sample for this compound was not within the control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

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BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page ___ Of ___

Submission #: 07-02058 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Ice Chest ID BW Emissivity 0.98
Temperature: 2.1 °C Container VIAL
Thermometer ID: #48

Date/Time 2/16/07
Analyst Init OTO

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
T GENERAL MINERAL/ GENERAL PHYSICAL										
T PE UNPRESERVED										
T INORGANIC CHEMICAL METALS										
T INORGANIC CHEMICAL METALS										
T CYANIDE										
T NITROGEN FORMS										
TOTAL SULFIDE										
z. NITRATE / NITRITE										
0ml TOTAL ORGANIC CARBON										
T TOX										
CHEMICAL OXYGEN DEMAND										
A PHENOLICS										
ml VOA VIAL TRAVEL BLANK										
ml VOA VIAL	A (9)	A (9)	( )	( )	( )	( )	( )	( )	( )	( )
EPA 413.1, 413.2, 418.1										
ODOR										
DIOLOGICAL										
CTERIOLOGICAL										
ml VOA VIAL- 504										
EPA 508/608/8080										
EPA 515.1/8150										
EPA 525										
EPA 525 TRAVEL BLANK										
ml EPA 547										
ml EPA 531.1										
EPA 548										
EPA 549										
EPA 632										
EPA 8015M										
QA/QC										
AMBER	B,C	B,C								
Z. JAR										
OZ. JAR										
L SLEEVE										
VIAL										
STIC BAG										
ROUS IRON										
ORE										

ments:_____

ple Numbering Completed By: OTO Date/Time: 2/16/07 2300

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by a licensed carrier, to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by others.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.