ConocoPhillips
76 Broadway
Sacramento, California 95818

July 22, 2009

Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay parkway, Suite250
Alameda, California 94502-577

Re: ***Quarterly Summary Report—Second Quarter 2009***
76 Service Station # 5484 RO # 0352
18950 Lake Chabot Road
Castro Valley, CA

Dear Ms. Jakub:

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 call me at (916) 558-7666.

Sincerely,

Terry L. Grayson
Site Manager
Risk Management & Remediation

July 22, 2009

Ms. Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: **Quarterly Summary Report- Second Quarter 2009**
Delta Project No. C1Q5484609

DELTA

Dear Ms. Jakub:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting the second quarter 2009 Summary Report and forwarding a copy of TRC's *Quarterly Monitoring Report, April through June 2009,* dated July 6, *2009,* for the following location:

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

Sincerely,
DELTA CONSULTANTS

James B. Barnard

REGISTERED PROFESSIONAL GEOLOGIST
JAMES B. BARNARD
No. 7478
Expires: 9/10
GEOLOGY
STATE OF CALIFORNIA

James B. Barnard, P.G.
Senior Project Manager
California Registered Professional Geologist No. 7478

Enclosure

cc: Mr. Terry Grayson - ConocoPhillips (1 via electronic upload only)

QUARTERLY SUMMARY REPORT
Second Quarter 2009

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 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 (µg/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 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 µg/L, and benzene at 160 µg/L.

In February, 2009, an attempt was made to locate the buried monitoring well MW-4. Gregg Drilling, under Delta supervision, air knifed/water knifed to 5 feet bgs in a location identified by underground radar. The attempt was unsuccessful. Delta decided that to prevent further damage to the private property, during construction of a nearby apartment complex facility, the prior contractors had likely backfilled the excavation site, burying MW-4 (without properly abandoning the well?). Original well installation data put the well under a steel reinforced concrete driveway. On February 17 and 18, 2009 two replacement monitoring wells (MW-4A and MW-4B) were installed in the near vicinity of MW-4. Soil samples collected from the borings contained Lead up to 13 mg/kg. A groundwater sample collected from monitoring well MW-7 contained TPHg at 3,000 ug/L, TPH as diesel (TPHd) at 540 µg/L, and benzene at 160 µg/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 RESULTS

Quarterly monitoring began at the site in second quarter 1991. The frequency was reduced to annual beginning in 1997. Through the 4th quarter, 2008 monitoring wells MW-4, MW-5, and MW-7 were monitored and sampled on an annual basis; while monitoring wells MW-2 and MW-6 were monitored but not sampled on an annual basis. Monitoring well MW-4 has not been located since 2002, and is believed to have been covered by a reinforced driveway, during the construction of a neighboring apartment complex.

As of the first quarter 2009, monitoring and sampling events are to return to a quarterly sampling schedule. TRC will sample/monitor/report on six monitoring wells (3 onsite, 3 offsite) as a part of this program. Two MW-4 replacement wells: wells MW-4A and MW-4B were installed by Gregg Drilling, with oversight by Delta, in February, 2009. Samples are analyzed for TPHg (EPA Test Method 8015M); BTEX, and methyl tertiary butyl ether (MTBE) (EPA Test Methods 8021B); volatile organic compounds (VOCs) including MTBE (EPA Test Method 8260B); and semi-VOCs (SVOCs) (EPA Test Method 8270C). A copy of TRC's *Quarterly Monitoring Report-April through June 2009*, dated July 6, 2009, has been forwarded with this report.

SECOND QUARTER 2009 MONITORING AND SAMPLING RESULTS

The 2009 quarterly monitoring and sampling event was performed on June 12, 2009 by TRC. The event included the gauging of six wells and sampling of one monitoring well (MW-4B). The groundwater elevation decreased an average of 1.21 feet from the February 25, 2009 event. Depth to groundwater in site wells ranged from 5.00 feet (MW-2) to 10.04 feet (MW-4B) below top of casing (TOC). Monitoring well MW-4A was reported as being dry during the current event. The groundwater flow direction and gradient was interpreted to be 0.09 foot per foot (ft/ft) to the southwest, compared with 0.85 ft/ft to the southwest during the February 2009 event. A rose diagram presenting historic groundwater flow directions is presented as Attachment A.

Contaminants of Concern:

- **TPHg: TPHg was below the laboratory's indicated reporting limit in MW-4B. This is consistent with the concentration of TPHg reported in the same well, during the previous sampling event (February 2009).**

- **Benzene: Benzene was below the laboratory's indicated reporting limit in MW-4B. This is consistent with the concentration of TPHg reported in the same well, during the previous sampling event (February 2009).**

- **MTBE: Analyzed under both EPA Test Method 8260B and EPA Test Method 8021B, MTBE was reported below the laboratory's indicated reporting limit in MW-4B.**

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 laboratory's indicated reporting limits. Additionally, on-site soil samples have not been collected at the site since 1991; therefore, the concentrations likely have been reduced over time by natural biodegradation. Off-site soil samples were collected during the installation of replacement monitoring wells MW-4A and MW-4B. Aside from lead reported in all three soil samples, no analyzed constituents were above laboratory reporting limits in samples collected between 9 and 14 feet, bgs. The maximum lead concentration was 13 µg/l reported in well MW-4B at both the 9, and 14 foot bgs depth.

Based on the analytical results, impacted groundwater remains beneath the southern portion of the site in the area of the former waste oil UST. Impacted groundwater may also be present beneath Lake Chabot Road. TPHg, BTEX, and MTBE generally have been below the laboratory's 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 were generally below the laboratory's 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 above the laboratory's indicated reporting limits at 270 µg/L and 1,200 µg/L, respectively. Therefore, impacted groundwater may have migrated down-gradient of the site.

RECOMMENDATION

Delta recommends continued monitoring and sampling of the groundwater network, including a minimum of four quarters (one-year) monitoring and sampling for newly installed wells MW-4A and MW-4B.

REECENT CORRESPONDENCE

No correspondence was received in the second quarter 2009.

SECOND QUARTER 2009 ACTIVITIES

1. TRC performed the quarterly groundwater monitoring and sampling on June 12, 2009.
2. TRC prepared the *Quarterly Monitoring Report-April through June 2009,* dated July 6, 2009.

THIRD QUARTER 2009 ACTIVITIES

1. TRC to perform quarterly monitoring and sampling, which will include monitoring wells MW-4A and MW-4B. The remaining site monitoring wells will continue to be sampled on an annual basis.

2. Delta to prepare and submit the third quarter 2009, Quarterly Summary Report.

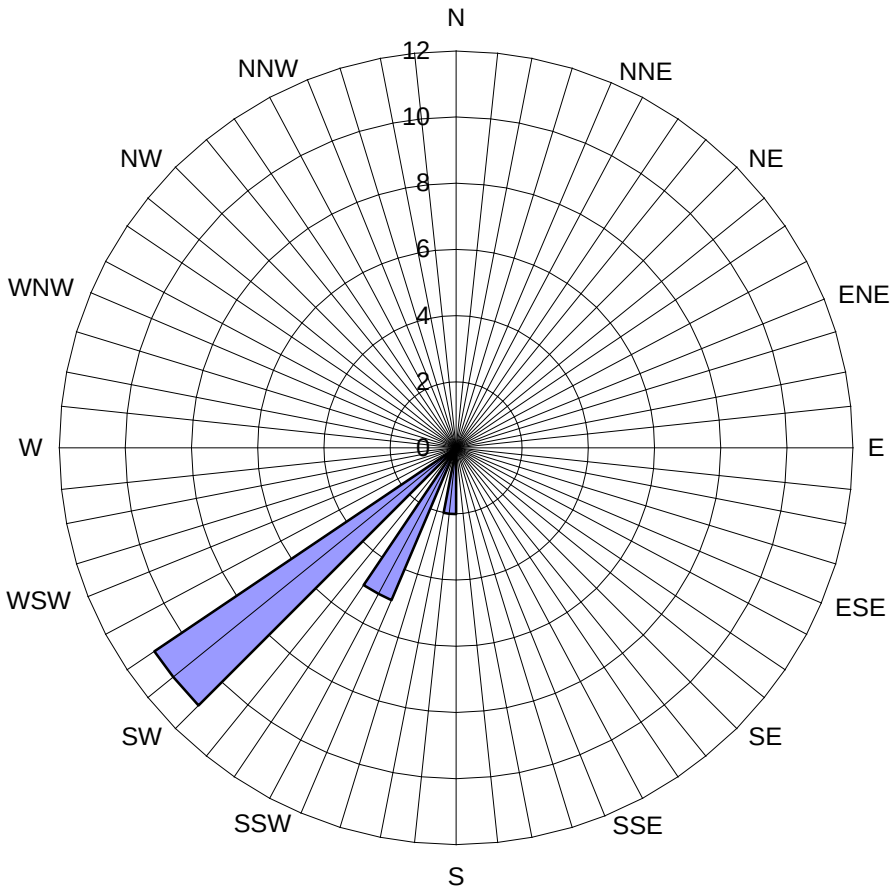
CONSULTANT: Delta Consultants

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
Second Quarter 2009

18 data points shown

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: July 6, 2009

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TERRY GRAYSON

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

RE: QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2009

Dear Mr. Grayson,

Please find enclosed our Quarterly 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. James Barnard, Delta Environmental Consultants, Inc. (1 copy)

Enclosures
20-0400/5484R08.QMS

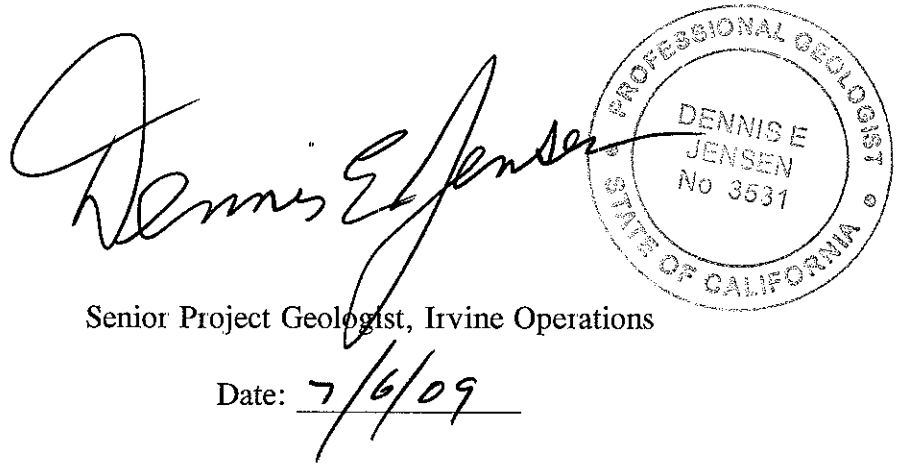
QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2009

76 STATION 5484
18950 Lake Chabot Road
Castro Valley, California

Prepared For:

Mr. Terry Grayson
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations

Date: 7/6/09

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-1h: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a-2i: 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 - 6/12/09 Groundwater Sampling Field Notes - 6/12/09 Statement of Non-Completion of Job - 6/12/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2009 through June 2009
76 Station 5484
18950 Lake Chabot Road
Castro Valley, CA

Project Coordinator: **Terry Grayson**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **06/12/09**

Sample Points

Groundwater wells: **3** onsite, **3** offsite Points gauged: **6** Points sampled: **1**
Purging method: **Bailer**
Purge water disposal: **Veolia/Rodeo Unit 100**
Other Sample Points: **0** Type: **--**

Liquid Phase Hydrocarbons (LPH)

Sample Points with LPH: **0** Maximum thickness (feet): **--**
LPH removal frequency: **--** Method: **--**
Treatment or disposal of water/LPH: **--**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **5 feet** Maximum: **10.04 feet**
Average groundwater elevation (relative to available local datum): **226.53 feet**
Average change in groundwater elevation since previous event: **-1.21 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.09 ft/ft, southwest**
Previous event: **0.08 ft/ft, southwest (02/25/09)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **0** Sample Points above MCL (1.0 µg/l): **--**
Maximum reported benzene concentration: **--**

Sample Points with **TPH-G** **0**
Sample Points with **MTBE 8021B** **0**

Notes:

MW-2=Sampled Q1 only, MW-4A=Dry well, MW-5=Sampled Q1 only, MW-6=Sampled Q1 only, MW-7=Sampled Q1 only

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)
D	=	duplicate
P	=	no-purge sample

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

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 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 1a	Well/ Date	TBA	1,2-DCA (EDC)	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene
Table 1b	Well/ Date	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	Methylene chloride	1,1,2,2-Tetrachloro-ethane
Table 1c	Well/ Date	Tetrachloro-ethene (PCE)	Trichloro-trifluoro-ethane	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	Benzo[a]-anthracene	Benzo[a]-pyrene
Table 1d	Well/ Date	Benzo[b]-fluor-anthene	Benzo-[g,h,i]-perylene	Benzo[k]-fluor-anthene	Benzoic Acid	Benzyl Alcohol	Bis(2-chloro-ethoxy) methane	Bis(2-chloro-ethyl) ether	Bis(2-chloro-isopropyl)-ether	Bis(2-ethyl-hexyl) phthalate	4-Bromo-pheny phe-nyl ether	Butyl-benzyl phthalate	4-Chloro-3-methyl-phenol
Table 1e	Well/ Date	4-Chloro-aniline	2-Chloro-naphtha-lene	2-Chloro-phenol	4-Chloro-phenyl phenyl ether	Chrysene	Dibenzo-[a,h]-anthracene	Dibenzo-furan	1,2-Dichloro-benzene (svoc)	1,3-Dichloro-benzene (svoc)	1,4-Dichloro-benzene (svoc)	3,3-Dichloro-benzidine	2,4-Dichloro-phenol
Table 1f	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	Hexa-chloro-benzene	HCBD (svoc)
Table 1g	Well/ Date	Hexachloro cyclopenta-diene	Hexachloro -ethane	Indeno-[1,2,3-c,d] pyrene	Isophorone	2-Methyl-4,6-dinitro-phenol	2-Methyl-naphtha-lene	2-Methyl-phenol	3- and 4-Methyl-phenol	Naphtha-lene (svoc)	2-Nitro-aniline	3-Nitro-aniline	4-Nitro-aniline
Table 1h	Well/ Date	Nitro-benzene	2-Nitro-phenol	4-Nitro-phenol	N-nitrosodi-n-propyl-amine	N-Nitro-sodiphenyl-amine	Penta-chloro-phenol	Phen-anthrene	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 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
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

Contents of Tables 1 and 2
Site: 76 Station 5484

Table 2b	Well/ Date	Carbon Tetra-chloride	Chloro-benzene	Chloro-ethane	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
Table 2c	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	Hexa-chloro-butadiene	Methylene chloride	Naph-thalene	1,1,2,2-Tetrachloro-ethane	Tetrachloro-ethene (PCE)	Trichloro-trifluoro-ethane
Table 2d	Well/ Date	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	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluor-anthene
Table 2e	Well/ Date	Benzo-[g,h,I]-perylene	Benzo[k]-fluor-anthene	Benzoic Acid	Benzyl Alcohol	Bis(2-chloro-ethoxy) methane	Bis(2-chloro-ethyl) ether	Bis(2-chloro-isopropyl)-ether	Bis(2-ethyl-hexyl) phthalate	4-Bromo-pheny phe-nyl ether	Butyl-benzyl phthalate	4-Chloro-3-methyl-phenol	4-Chloro-aniline
Table 2f	Well/ Date	2-Chloro-naphtha-lene	2-Chloro-phenol	4-Chloro-phenyl phenyl ether	Chrysene	Dibenzo-[a,h]-anthracene	Dibenzo-furan	1,2-Dichloro-benzene (svoc)	1,3-Dichloro-benzene (svoc)	1,4-Dichloro-benzene (svoc)	3,3-Dichloro-benzidine	2,4-Dichloro-phenol	Diethyl phthalate
Table 2g	Well/ Date	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	Hexa-chloro-benzene	HCBD (svoc)	Hexachloro cyclopenta-diene
Table 2h	Well/ Date	Hexachloro -ethane	Indeno-[1,2,3-c,d] pyrene	Isophorone	2-Methyl-4,6-dinitro-phenol	2-Methyl-naphtha-lene	2-Methyl-phenol	4-Methyl-phenol	3- and 4-Methyl-phenol	Naphtha-lene (svoc)	2-Nitro-aniline	3-Nitro-aniline	4-Nitro-aniline
Table 2i	Well/ Date	Nitro-benzene	2-Nitro-phenol	4-Nitro-phenol	N-nitrosodi-n-propyl-amine	N-Nitro-sodiphenyl-amine	Penta-chloro-phenol	Phen-anthrene	Phenol	Pyrene	1,2,4-Trichloro-benzene	2,4,6-Trichloro-phenol	2,4,5-Trichloro-phenol

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 12, 2009
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 8015 (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														
6/12/2009	231.66	5.00	0.00	226.66	-0.68	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-4A														
6/12/2009	232.55	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
MW-4B														
6/12/2009	232.91	10.04	0.00	222.87	-1.39	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
MW-5														
6/12/2009	227.90	7.88	0.00	220.02	-1.57	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-6														
6/12/2009	241.74	5.25	0.00	236.49	-1.52	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-7														
6/12/2009	234.13	7.51	0.00	226.62	-0.90	--	--	--	--	--	--	--	--	Sampled Q1 only

TRC

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	TBA (µg/l)	1,2-DCA (EDC) (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)
MW-4B												
6/12/2009	ND<10	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

TRC

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	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)
MW-4B												
6/12/2009	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<1.0	ND<0.50

TRC

Table 1 c
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (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)	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)
MW-4B												
6/12/2009	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

Table 1 d
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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-pheny phe-nyl ether (µg/l)	Butyl-benzyl phthalate (µg/l)	4-Chloro-3-methyl-phenol (µg/l)
MW-4B												
6/12/2009	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

Table 1 e
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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-4B												
6/12/2009	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

TRC

Table 1 f
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Diethyl phthalate (µg/l)	2,4-Dimethyl-phenol (µg/l)	Dimethyl phthalate (µg/l)	Di-n-butyl phthalate (µg/l)	2,4-Dinitro-phenol (µg/l)	2,4-Dinitro-toluene (µg/l)	2,6-Dinitro-toluene (µg/l)	Di-n-octyl phthalate (µg/l)	Fluoran-thene (µg/l)	Fluorene (µg/l)	Hexa-chloro-benzene (µg/l)	HCBD (svoc) (µg/l)
MW-4B												
6/12/2009	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<2.0

Table 1 g
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Hexachloro cyclopenta-diene (µg/l)	Hexachloro -ethane (µg/l)	Indeno-[1,2,3-c,d] pyrene (µg/l)	Isophorone (µg/l)	2-Methyl-4,6-dinitro-phenol (µg/l)	2-Methyl-naphtha-lene (µg/l)	2-Methyl-phenol (µg/l)	3- and 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)
MW-4B												
6/12/2009	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<5.0

TRC

Table 1 h
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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)	Penta-chloro-phenol (µg/l)	Phen-anthrene (µg/l)	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-4B												
6/12/2009	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<5.0	ND<5.0

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through June 2009
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 8015 (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														
5/23/1991	229.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/20/1991	229.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/19/1991	229.47	--	--	--	--	140	--	0.66	ND	0.64	1.2	--	--	
3/20/1992	229.47	--	--	--	--	120	--	ND	ND	ND	ND	--	--	
6/18/1992	229.47	--	--	--	--	140	--	ND	ND	ND	ND	--	--	
9/10/1992	229.47	--	--	--	--	61	--	ND	ND	ND	ND	110	--	
12/10/1992	229.47	--	--	--	--	100	--	ND	ND	ND	ND	170	--	
3/10/1993	229.47	4.69	0.00	224.78	--	110	--	ND	ND	ND	ND	350	--	
6/9/1993	229.47	5.85	0.00	223.62	-1.16	120	--	ND	ND	ND	ND	300	--	
9/9/1993	228.88	6.59	0.00	222.29	-1.33	210	--	ND	ND	ND	ND	--	--	
12/9/1993	228.88	6.94	0.00	221.94	-0.35	96	--	ND	ND	ND	ND	--	--	
3/3/1994	228.88	4.91	0.00	223.97	2.03	240	--	ND	ND	ND	ND	--	--	
6/3/1994	228.88	5.71	0.00	223.17	-0.80	190	--	ND	ND	ND	ND	--	--	
9/2/1994	228.88	7.05	0.00	221.83	-1.34	720	--	ND	ND	ND	4.6	--	--	
12/1/1994	228.88	6.98	0.00	221.90	0.07	200	--	0.70	ND	0.58	ND	--	--	
3/1/1995	228.88	4.60	0.00	224.28	2.38	ND	--	ND	ND	ND	ND	--	--	
6/1/1995	228.88	4.65	0.00	224.23	-0.05	420	--	ND	ND	ND	ND	--	--	
9/5/1995	228.88	5.66	0.00	223.22	-1.01	ND	--	ND	0.80	ND	0.74	--	--	
12/5/1995	228.88	6.32	0.00	222.56	-0.66	ND	--	ND	ND	ND	ND	390	--	
4/11/1996	228.88	4.22	0.00	224.66	2.10	--	--	--	--	--	--	--	--	Not Sampled
3/13/1997	228.88	6.58	0.00	222.30	-2.36	--	--	--	--	--	--	--	--	
3/2/1998	228.88	5.18	0.00	223.70	1.40	--	--	--	--	--	--	--	--	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through June 2009
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 8015 (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														
3/25/1999	228.88	4.84	0.00	224.04	0.34	--	--	--	--	--	--	--	--	
3/7/2000	228.88	4.92	0.00	223.96	-0.08	--	--	--	--	--	--	--	--	
3/28/2001	228.88	4.37	0.00	224.51	0.55	--	--	--	--	--	--	--	--	
3/9/2002	228.88	4.29	0.00	224.59	0.08	--	--	--	--	--	--	--	--	
3/24/2003	228.88	4.24	0.00	224.64	0.05	--	--	--	--	--	--	--	--	
3/26/2004	228.88	4.66	0.00	224.22	-0.42	--	--	--	--	--	--	--	--	Monitored only
3/17/2005	228.88	4.08	0.00	224.80	0.58	--	--	--	--	--	--	--	--	Monitored only
3/31/2006	228.88	4.06	0.00	224.82	0.02	--	--	--	--	--	--	--	--	Monitored only
2/16/2007	228.88	4.87	0.00	224.01	-0.81	--	--	--	--	--	--	--	--	Monitored Only
1/21/2008	228.88	4.83	0.00	224.05	0.04	--	--	--	--	--	--	--	--	Monitored Only
2/25/2009	231.66	4.32	0.00	227.34	3.29	260	--	0.64	ND<0.30	6.9	ND<0.60	220	270	
6/12/2009	231.66	5.00	0.00	226.66	-0.68	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-4														
5/23/1991	228.08	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/20/1991	228.08	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
12/19/1991	228.08	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/20/1992	228.08	--	--	--	--	--	--	--	--	--	--	--	--	
6/18/1992	228.08	--	--	--	--	ND	--	0.41	0.84	ND	0.55	--	--	
9/10/1992	228.08	--	--	--	--	--	--	--	--	--	--	--	--	
12/10/1992	228.08	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/10/1993	228.08	7.24	0.00	220.84	--	ND	--	ND	ND	ND	ND	--	--	
6/9/1993	228.08	8.79	0.00	219.29	-1.55	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	227.77	9.91	0.00	217.86	-1.43	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through June 2009
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 8015 (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														
12/9/1993	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
3/3/1994	227.77	6.98	0.00	220.79	--	ND	--	ND	ND	ND	ND	--	--	
6/3/1994	227.77	8.26	0.00	219.51	-1.28	ND	--	ND	ND	ND	ND	--	--	
9/2/1994	227.77	10.08	0.00	217.69	-1.82	ND	--	ND	ND	ND	ND	--	--	
12/1/1994	227.77	10.01	0.00	217.76	0.07	ND	--	ND	ND	ND	ND	--	--	
3/1/1995	227.77	7.29	0.00	220.48	2.72	ND	--	ND	1.1	ND	0.75	--	--	
6/1/1995	227.77	7.65	0.00	220.12	-0.36	ND	--	ND	0.78	ND	1.7	--	--	
9/5/1995	227.77	9.27	0.00	218.50	-1.62	ND	--	ND	0.70	ND	0.71	--	--	
12/5/1995	227.77	9.92	0.00	217.85	-0.65	ND	--	ND	ND	ND	ND	0.68	--	
4/11/1996	227.77	7.55	0.00	220.22	2.37	ND	--	ND	ND	ND	ND	ND	--	
3/13/1997	227.77	9.84	0.00	217.93	-2.29	ND	--	ND	ND	ND	ND	ND	--	
3/2/1998	227.77	8.84	0.00	218.93	1.00	ND	--	ND	ND	ND	ND	ND	--	
3/25/1999	227.77	7.46	0.00	220.31	1.38	ND	--	ND	ND	ND	ND	7.6	--	
3/7/2000	227.77	7.58	0.00	220.19	-0.12	ND	--	ND	1.11	ND	ND	ND	--	
3/28/2001	227.77	7.62	0.00	220.15	-0.04	ND	--	ND	ND	ND	ND	ND	--	
3/9/2002	227.77	6.64	0.00	221.13	0.98	270	--	3.1	ND<1.0	5.0	ND<1.0	1200	--	
3/24/2003	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
3/26/2004	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
3/17/2005	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
3/31/2006	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
2/16/2007	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
1/21/2008	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Paved over

MW-4A

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through June 2009
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 8015 (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-4A continued														
2/25/2009	232.55	7.45	0.00	225.10	--	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
6/12/2009	232.55	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
MW-4B														
2/25/2009	232.91	8.65	0.00	224.26	--	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
6/12/2009	232.91	10.04	0.00	222.87	-1.39	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
MW-5														
5/23/1991	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/20/1991	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/10/1991	225.42	--	--	--	--	--	--	--	--	--	--	--	--	
12/19/1991	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/20/1992	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/18/1992	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/10/1992	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/10/1992	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/10/1993	225.42	7.67	0.00	217.75	--	ND	--	ND	ND	ND	ND	--	--	
6/9/1993	225.42	8.57	0.00	216.85	-0.90	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	225.11	9.12	0.00	215.99	-0.86	ND	--	ND	ND	ND	ND	--	--	
12/9/1993	225.11	9.97	0.00	215.14	-0.85	ND	--	ND	ND	ND	ND	--	--	
3/3/1994	225.11	7.87	0.00	217.24	2.10	ND	--	ND	ND	0.71	1.7	ND	--	
6/3/1994	225.11	9.01	0.00	216.10	-1.14	ND	--	ND	ND	ND	ND	--	--	
9/2/1994	225.11	9.23	0.00	215.88	-0.22	ND	--	ND	ND	ND	ND	--	--	
12/1/1994	225.11	9.18	0.00	215.93	0.05	ND	--	ND	ND	ND	ND	--	--	
3/1/1995	225.11	7.98	0.00	217.13	1.20	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through June 2009

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 8015 (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														
6/1/1995	225.11	8.21	0.00	216.90	-0.23	ND	--	ND	ND	ND	ND	--	--	
9/5/1995	225.11	9.57	0.00	215.54	-1.36	ND	--	ND	0.95	ND	0.87	--	--	
12/5/1995	225.11	9.60	0.00	215.51	-0.03	ND	--	ND	ND	ND	ND	27	--	
4/11/1996	225.11	7.48	0.00	217.63	2.12	ND	--	ND	ND	ND	ND	56	--	
3/13/1997	225.11	9.56	0.00	215.55	-2.08	ND	--	ND	ND	ND	ND	ND	--	
3/2/1998	225.11	8.96	0.00	216.15	0.60	ND	--	ND	ND	ND	ND	ND	--	
3/25/1999	225.11	7.53	0.00	217.58	1.43	ND	--	ND	ND	ND	ND	3.9	--	
3/7/2000	225.11	7.49	0.00	217.62	0.04	ND	--	ND	1.13	ND	ND	ND	--	
3/28/2001	225.11	6.83	0.00	218.28	0.66	ND	--	ND	ND	ND	ND	ND	--	
3/9/2002	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	--	
3/24/2003	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	
3/26/2004	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	--	
3/17/2005	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	--	
3/31/2006	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	
2/16/2007	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	
1/21/2008	225.11	7.43	0.00	217.68	-1.38	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	1.3	
2/25/2009	227.90	6.31	0.00	221.59	3.91	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	1.5	2.1	
6/12/2009	227.90	7.88	0.00	220.02	-1.57	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-6														
5/23/1991	239.38	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/20/1991	239.38	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
12/19/1991	239.38	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/18/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

TRC

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through June 2009
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 8015 (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														
12/10/1992	239.38	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/10/1993	239.38	5.32	0.00	234.06	--	--	--	--	--	--	--	--	--	
6/9/1993	239.38	5.94	0.00	233.44	-0.62	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	239.04	6.82	0.00	232.22	-1.22	--	--	--	--	--	--	--	--	
12/9/1993	239.04	7.43	0.00	231.61	-0.61	150	--	ND	ND	ND	1.7	--	--	
3/3/1994	239.04	6.45	0.00	232.59	0.98	--	--	--	--	--	--	--	--	
6/3/1994	239.04	5.81	0.00	233.23	0.64	ND	--	ND	ND	ND	ND	--	--	
9/2/1994	239.04	6.98	0.00	232.06	-1.17	--	--	--	--	--	--	--	--	
12/1/1994	239.04	6.92	0.00	232.12	0.06	ND	--	ND	ND	ND	ND	--	--	
3/1/1995	239.04	5.17	0.00	233.87	1.75	--	--	--	--	--	--	--	--	
6/1/1995	239.04	4.76	0.00	234.28	0.41	ND	--	ND	0.70	ND	1.7	--	--	
9/5/1995	239.04	5.69	0.00	233.35	-0.93	--	--	--	--	--	--	--	--	
12/5/1995	239.04	6.75	0.00	232.29	-1.06	ND	--	ND	ND	ND	ND	1.4	--	
4/11/1996	239.04	4.28	0.00	234.76	2.47	--	--	--	--	--	--	--	--	Not Sampled
3/13/1997	239.04	7.05	0.00	231.99	-2.77	--	--	--	--	--	--	--	--	
3/2/1998	239.04	5.14	0.00	233.90	1.91	--	--	--	--	--	--	--	--	
3/25/1999	239.04	5.05	0.00	233.99	0.09	--	--	--	--	--	--	--	--	
3/7/2000	239.04	5.15	0.00	233.89	-0.10	--	--	--	--	--	--	--	--	
3/28/2001	239.04	5.17	0.00	233.87	-0.02	--	--	--	--	--	--	--	--	
3/9/2002	239.04	5.13	0.00	233.91	0.04	--	--	--	--	--	--	--	--	
3/24/2003	239.04	5.13	0.00	233.91	0.00	--	--	--	--	--	--	--	--	
3/26/2004	239.04	5.10	0.00	233.94	0.03	--	--	--	--	--	--	--	--	Monitored only
3/17/2005	239.04	4.09	0.00	234.95	1.01	--	--	--	--	--	--	--	--	Monitored only

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through June 2009

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 8015 (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														
3/31/2006	239.04	2.99	0.00	236.05	1.10	--	--	--	--	--	--	--	--	Monitored only
2/16/2007	239.04	4.07	0.00	234.97	-1.08	--	--	--	--	--	--	--	--	Monitored Only
1/21/2008	239.04	4.47	0.00	234.57	-0.40	--	--	--	--	--	--	--	--	Monitored Only
2/25/2009	241.74	3.73	0.00	238.01	3.44	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
6/12/2009	241.74	5.25	0.00	236.49	-1.52	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-7														
5/23/1991	231.66	--	--	--	--	3000	--	160	1.2	25	120	--	--	
9/20/1991	231.66	--	--	--	--	1400	--	160	0.75	89	130	--	--	
12/19/1991	231.66	--	--	--	--	3900	--	240	2.4	280	270	--	--	
3/20/1992	231.66	--	--	--	--	11000	--	980	ND	990	1600	--	--	
6/18/1992	231.66	--	--	--	--	5500	--	340	4.2	380	410	--	--	
9/10/1992	231.66	--	--	--	--	2100	--	160	1.9	140	150	--	--	
12/10/1992	231.66	--	--	--	--	1200	--	28	ND	37	13	--	--	
3/10/1993	231.66	7.69	0.00	223.97	--	4400	--	310	ND	300	330	--	--	
6/9/1993	231.66	8.59	0.00	223.07	-0.90	4600	--	430	ND	510	430	--	--	
9/9/1993	231.39	10.11	0.00	221.28	-1.79	2600	--	160	19	250	120	--	--	
12/9/1993	231.39	10.65	0.00	220.74	-0.54	980	--	54	4.6	71	5.6	--	--	
3/3/1994	231.39	8.17	0.00	223.22	2.48	9300	--	290	ND	590	400	1.7	--	
6/3/1994	231.39	8.73	0.00	222.66	-0.56	9400	--	380	5	820	240	--	--	
9/2/1994	231.39	11.00	0.00	220.39	-2.27	3800	--	77	ND	180	42	--	--	
12/1/1994	231.39	10.95	0.00	220.44	0.05	3100	--	80	ND	250	190	--	--	
3/1/1995	231.39	8.03	0.00	223.36	2.92	3300	--	200	3.9	300	350	--	--	
6/1/1995	231.39	7.92	0.00	223.47	0.11	3900	--	170	ND	400	430	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through June 2009

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 8015 (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														
9/5/1995	231.39	8.61	0.00	222.78	-0.69	710	--	32	ND	85	33	--	--	
12/5/1995	231.39	9.69	0.00	221.70	-1.08	400	--	23	ND	34	16	1600	--	
12/8/1995	231.39	9.59	0.00	221.80	0.10	--	--	--	--	--	--	--	--	
4/11/1996	231.39	7.31	0.00	224.08	2.28	1500	--	52	ND	160	130	1500	--	
3/13/1997	231.39	9.48	0.00	221.91	-2.17	460	--	13	ND	31	4.0	430	--	
3/2/1998	231.39	7.93	0.00	223.46	1.55	1800	--	63	ND	240	60	790	--	
3/25/1999	231.39	7.25	0.00	224.14	0.68	380	--	6.4	ND	10	4.9	1200	--	
3/7/2000	231.39	7.12	0.00	224.27	0.13	199	--	3.51	ND	3.30	0.697	1250	--	
3/28/2001	231.39	6.92	0.00	224.47	0.20	734	--	19.6	0.514	23.3	6.13	1070	1260	
3/9/2002	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	--	
3/24/2003	231.39	6.42	0.00	224.97	0.06	--	--	ND<10	ND<10	ND<10	ND<20	--	1600	
3/26/2004	231.39	7.25	0.00	224.14	-0.83	2800	--	34	ND<25	120	33	1200	--	
3/17/2005	231.39	7.02	0.00	224.37	0.23	2700	--	ND<5.0	ND<5.0	160	15	940	--	
3/31/2006	231.39	6.74	0.00	224.65	0.28	--	450	8.7	ND<2.5	33	ND<5.0	--	260	
2/16/2007	231.39	6.95	0.00	224.44	-0.21	1600	--	11	ND<0.30	61	4.2	350	410	
1/21/2008	231.39	7.21	0.00	224.18	-0.26	1300	--	11	ND<0.60	45	ND<1.2	250	240	
2/25/2009	234.13	6.61	0.00	227.52	3.34	1000	--	15	0.70	70	ND<0.60	130	170	
6/12/2009	234.13	7.51	0.00	226.62	-0.90	--	--	--	--	--	--	--	--	Sampled Q1 only

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Acenaph-thylene (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
MW-2												
2/25/2009	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
MW-4												
4/11/1996	--	--	--	ND	--	--	--	--	--	--	--	--
3/13/1997	--	--	--	ND	--	--	--	--	--	--	--	--
3/2/1998	--	--	--	ND	--	--	--	--	--	--	--	--
3/25/1999	--	--	--	ND	--	--	--	--	--	--	--	--
3/7/2000	--	--	--	ND	--	--	--	--	--	ND	--	--
3/28/2001	--	--	--	ND	--	--	--	--	--	ND	--	--
3/9/2002	--	--	--	ND<2.5	--	--	--	--	--	ND<2.5	--	--
3/24/2003	--	--	--		--	--	--	--	--	--	--	--
MW-4A												
2/25/2009	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
MW-4B												
2/25/2009	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
6/12/2009	--	ND<10	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
MW-5												
9/20/1991	450	--	--	--	--	--	--	--	--	--	--	--
10/10/1991	ND	--	--	--	--	--	--	--	--	--	--	--
3/20/1992	170	--	--	--	--	--	--	--	--	--	--	--
6/18/1992	ND	--	--	--	--	--	--	--	--	--	--	--
9/10/1992	110	--	--	--	--	--	--	--	--	--	--	--
12/10/1992	83	--	--	--	--	--	--	--	--	--	--	--
3/10/1993	69	--	--	ND	--	--	--	--	--	--	--	--
6/9/1993	64	--	--	ND	--	--	--	--	--	--	--	--

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Acenaph-thylene (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
MW-5 continued												
9/9/1993	58	--	--	ND	--	--	--	--	--	--	--	--
12/9/1993	87	--	--	ND	--	--	--	--	--	--	--	--
3/3/1994	ND	--	--	ND	--	--	--	--	--	--	--	--
6/3/1994	80	--	--	ND	--	--	--	--	--	--	--	--
9/2/1994	130	--	--	ND	--	--	--	--	--	--	--	--
12/1/1994	79	--	--	ND	--	--	--	--	--	--	--	--
3/1/1995	ND	--	--	ND	--	--	--	--	--	--	--	--
6/1/1995	57	--	--	ND	--	--	--	--	--	--	--	--
9/5/1995	210	--	--	ND	--	--	--	--	--	--	--	--
12/5/1995	170	--	--	ND	--	--	--	--	--	--	--	--
4/11/1996	--	--	--	ND	--	--	--	--	--	--	--	--
3/13/1997	--	--	--	ND	--	--	--	--	--	--	--	--
3/2/1998	--	--	--	ND	--	--	--	--	--	--	--	--
3/25/1999	--	--	--	ND	--	--	--	--	--	--	--	--
3/7/2000	--	--	--	ND	--	--	--	--	--	7.16	--	--
3/28/2001	--	--	--	ND	--	--	--	--	--	ND	--	--
3/9/2002	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	--	--
3/24/2003	--	--	--	ND<0.50	--	--	--	--	--		--	--
3/26/2004	--	--	--	ND<0.50	--	--	--	--	ND<2.0	ND<0.50	ND<2.0	ND<1.0
3/17/2005	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
3/31/2006	--	--	ND<0.50	ND<0.50	--	--	--	--	--	ND<0.50	ND<1.0	ND<1.0
2/16/2007	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
1/21/2008	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
2/25/2009	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0

MW-6

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Acenaph-thylene (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
MW-6 continued												
2/25/2009	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
MW-7												
5/23/1991	540	--	--	3.4	--	--	--	ND	--	--	--	--
9/20/1991	580	--	--	ND	--	--	--	ND	--	--	--	--
12/19/1991	770	--	--	3.1	--	--	--	ND	--	--	--	--
3/20/1992	3200	--	--	ND	--	--	--	ND	--	--	--	--
6/18/1992	990	--	--	ND	--	--	--	ND	--	--	--	--
9/10/1992	290	--	--	2.3	--	--	--	--	--	--	--	--
12/10/1992	200	--	--	2.0	--	--	--	--	--	--	--	--
3/10/1993	1100	--	--	1.3	--	--	--	--	--	--	--	--
6/9/1993	830	--	--	1.3	--	--	--	--	--	--	--	--
9/9/1993	550	--	--	1.5	--	--	--	--	--	--	--	--
12/9/1993	250	--	--	1.5	--	--	--	--	--	--	--	--
3/3/1994	1400	--	--	1.7	--	--	--	--	--	--	--	--
6/3/1994	2000	--	--	1.4	--	--	--	--	--	--	--	--
9/2/1994	490	--	--	1.1	--	--	--	--	--	--	--	--
12/1/1994	260	--	--	1.0	--	--	--	--	--	--	--	--
3/1/1995	1900	--	--	1.6	--	--	--	--	--	--	--	--
6/1/1995	1600	--	--	1.4	--	--	--	--	--	--	--	--
9/5/1995	ND	--	--	1.8	--	--	--	--	--	--	--	--
12/5/1995	110	--	--	ND	--	--	--	--	--	--	--	--
4/11/1996	--	--	--	0.75	--	--	--	--	--	--	--	--
3/13/1997	--	--	--	ND	--	--	--	--	--	--	--	--
3/2/1998	--	--	--	0.92	--	--	--	--	--	--	--	--
3/25/1999	--	--	--	ND	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Acenaph-thylene (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
MW-7 continued												
3/7/2000	--	--	--	ND	--	--	--	--	--	ND	--	--
3/28/2001	--	ND	ND	ND	ND	ND	ND	--	--	ND	--	--
3/9/2002	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	--	--
3/24/2003	--	--	--	0.98	--	--	--	--	--	ND<0.50	--	--
3/26/2004	--	--	--	ND<10	--	--	--	--	ND<2.0	ND<10	ND<40	ND<20
3/17/2005	--	--	--	ND<10	--	--	--	--	--	ND<10	ND<40	ND<20
3/31/2006	--	--	ND<2.5	ND<2.5	--	--	--	--	--	ND<2.5	ND<5.0	ND<5.0
2/16/2007	--	--	--	0.66	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
1/21/2008	--	--	--	0.77	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
2/25/2009	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
MW-2												
2/25/2009	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-4												
3/7/2000	--	--	--	--	87.1	--	--	--	--	--	--	--
3/28/2001	--	--	--	--	ND	--	--	--	--	--	--	--
MW-4A												
2/25/2009	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-4B												
2/25/2009	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
6/12/2009	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-5												
3/7/2000	--	--	--	--	69.7	--	--	--	--	--	--	--
3/28/2001	--	--	--	--	ND	--	--	--	--	--	--	--
3/9/2002	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
3/24/2003	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
3/26/2004	ND<0.50	ND<0.50	ND<1.0	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
3/17/2005	ND<0.50	ND<0.50	ND<1.0	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
3/31/2006	ND<0.50	ND<0.50	ND<1.0	--	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2/16/2007	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
1/21/2008	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
2/25/2009	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-6												
2/25/2009	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												

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
MW-7 continued												
3/7/2000	--	--	--	--	ND	--	--	--	--	--	--	--
3/28/2001	--	--	--	--	ND	--	--	--	--	--	--	--
3/9/2002	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
3/24/2003	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
3/26/2004	ND<10	ND<10	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10
3/17/2005	ND<10	ND<10	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10
3/31/2006	ND<2.5	ND<2.5	ND<5.0	--	ND<5.0	ND<5.0	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
2/16/2007	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
1/21/2008	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
2/25/2009	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

TRC

Table 2 c
ADDITIONAL HISTORIC 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)	Hexa-chloro-butadiene (µg/l)	Methylene chloride (µg/l)	Naph-thalene (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)
MW-2												
2/25/2009	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
MW-4												
4/11/1996	--	--	--	--	--	--	--	--	ND	--	--	--
3/13/1997	--	--	--	--	--	--	--	--	ND	--	--	--
3/25/1999	--	--	--	--	--	--	--	--	ND	--	--	--
3/7/2000	--	--	--	--	--	--	--	--	ND	--	--	--
3/28/2001	--	--	--	--	--	--	--	--	ND	--	--	--
3/9/2002	--	--	--	--	--	--	--	--	ND<5.0	--	--	--
MW-4A												
2/25/2009	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
MW-4B												
2/25/2009	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
6/12/2009	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
MW-5												
3/10/1993	--	--	--	--	--	--	--	--	ND	--	--	--
4/11/1996	--	--	--	--	--	--	--	--	ND	--	--	--
3/13/1997	--	--	--	--	--	--	--	--	ND	--	--	--
3/25/1999	--	--	--	--	--	--	--	--	ND	--	--	--
3/7/2000	--	--	--	--	--	--	--	--	ND	--	--	--
3/28/2001	--	--	--	--	--	--	--	--	ND	--	--	--
3/9/2002	--	--	--	--	--	--	--	--	ND<5.0	--	--	--
3/24/2003	--	--	--	--	--	--	--	--	ND<2.0	--	--	--
3/26/2004	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<5.0	ND<2.0	ND<0.50	ND<0.50	ND<0.50
3/17/2005	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	--	ND<0.50	ND<0.50	ND<0.50

TRC

Table 2 c
ADDITIONAL HISTORIC 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)	Hexa-chloro-butadiene (µg/l)	Methylene chloride (µg/l)	Naph-thalene (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)
MW-5 continued												
3/31/2006	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.1	ND<5.0	--	ND<0.50	ND<0.50	ND<0.50
2/16/2007	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
1/21/2008	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
2/25/2009	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
MW-6												
2/25/2009	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
MW-7												
3/10/1993	--	--	--	--	--	--	--	--	83	--	--	--
6/9/1993	--	--	--	--	--	--	--	--	83	--	--	--
9/9/1993	--	--	--	--	--	--	--	--	48	--	--	--
12/9/1993	--	--	--	--	--	--	--	--	15	--	--	--
3/3/1994	--	--	--	--	--	--	--	--	130	--	--	--
6/3/1994	--	--	--	--	--	--	--	--	61	--	--	--
9/2/1994	--	--	--	--	--	--	--	--	ND	--	--	--
12/1/1994	--	--	--	--	--	--	--	--	2.5	--	--	--
3/1/1995	--	--	--	--	--	--	--	--	120	--	--	--
6/1/1995	--	--	--	--	--	--	--	--	83	--	--	--
9/5/1995	--	--	--	--	--	--	--	--	7.0	--	--	--
12/8/1995	--	--	--	--	--	--	--	--	14	--	--	--
4/11/1996	--	--	--	--	--	--	--	--	42	--	--	--
3/13/1997	--	--	--	--	--	--	--	--	9.0	--	--	--
3/25/1999	--	--	--	--	--	--	--	--	ND	--	--	--
3/7/2000	--	--	--	--	--	--	--	--	ND	--	--	--
3/28/2001	--	--	--	--	--	--	--	--	7.7	--	--	--
3/9/2002	--	--	--	--	--	--	--	--	ND<5.0	--	--	--

Table 2 c
ADDITIONAL HISTORIC 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)	Hexa-chloro-butadiene (µg/l)	Methylene chloride (µg/l)	Naph-thalene (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)
MW-7 continued												
3/26/2004	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2.0	ND<100	17	ND<10	ND<10	ND<10
3/17/2005	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND<100	--	ND<10	ND<10	ND<10
3/31/2006	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.1	ND<25	--	ND<2.5	ND<2.5	ND<2.5
2/16/2007	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
1/21/2008	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
2/25/2009	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

TRC

Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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)	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)
MW-2												
2/25/2009	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
MW-4A												
2/25/2009	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
MW-4B												
2/25/2009	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
6/12/2009	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
MW-5												
3/26/2004	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/17/2005	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	--	--	--	--	--	--
3/31/2006	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	ND<2.1	ND<2.1	ND<2.1
2/16/2007	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	ND<2.0	ND<2.0	ND<2.0
1/21/2008	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
2/25/2009	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
MW-6												
2/25/2009	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
MW-7												
3/26/2004	ND<2.0	ND<10	ND<10	ND<10	ND<20	ND<10	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/17/2005	--	ND<10	ND<10	ND<10	ND<20	ND<10	--	--	--	--	--	--
3/31/2006	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	ND<2.1	ND<2.1	ND<2.1
2/16/2007	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	ND<2.0	ND<2.0	ND<2.0
1/21/2008	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
2/25/2009	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

TRC

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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-pheny phe-nyl ether (µg/l)	Butyl-benzyl phthalate (µg/l)	4-Chloro-3-methyl-phenol (µg/l)	4-Chloro-aniline (µg/l)
MW-2												
2/25/2009	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-4												
4/11/1996	--	--	--	--	--	--	--	ND	--	--	--	--
3/13/1997	--	--	--	--	--	--	--	ND	--	--	--	--
3/25/1999	--	--	--	--	--	--	--	ND	--	--	--	--
3/7/2000	--	--	--	--	--	--	--	ND	--	--	--	--
3/28/2001	--	--	--	--	--	--	--	ND	--	--	--	--
3/9/2002	--	--	--	--	--	--	--	ND<10	--	--	--	--
MW-4A												
2/25/2009	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-4B												
2/25/2009	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	5.3	ND<2.0	ND<2.0	ND<5.0	ND<2.0
6/12/2009	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-5												
3/10/1993	--	--	--	--	--	--	--	ND	--	--	--	--
4/11/1996	--	--	--	--	--	--	--	ND	--	--	--	--
3/13/1997	--	--	--	--	--	--	--	740	--	--	--	--
3/25/1999	--	--	--	--	--	--	--	ND	--	--	--	--
3/7/2000	--	--	--	--	--	--	--	ND	--	--	--	--
3/28/2001	--	--	--	--	--	--	--	ND	--	--	--	--
3/9/2002	--	--	--	--	--	--	--	ND<10	--	--	--	--
3/24/2003	--	--	--	--	--	--	--	ND<10	--	--	--	--
3/26/2004	ND<2.0	ND<2.0	--	--	--	--	--	ND<10	--	--	--	--
3/31/2006	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

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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-pheny phe-nyl ether (µg/l)	Butyl-benzyl phthalate (µg/l)	4-Chloro-3-methyl-phenol (µg/l)	4-Chloro-aniline (µg/l)
MW-5 continued												
2/16/2007	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
1/21/2008	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
2/25/2009	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-6												
2/25/2009	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	5.9	ND<2.0	ND<2.0	ND<5.0	ND<2.0
MW-7												
3/10/1993	--	--	--	--	--	--	--	13	--	--	--	--
6/9/1993	--	--	--	--	--	--	--	13	--	--	--	--
9/9/1993	--	--	--	--	--	--	--	ND	--	--	--	--
12/9/1993	--	--	--	--	--	--	--	ND	--	--	--	--
3/3/1994	--	--	--	--	--	--	--	ND	--	--	--	--
6/3/1994	--	--	--	--	--	--	--	ND	--	--	--	--
9/2/1994	--	--	--	--	--	--	--	ND	--	--	--	--
12/1/1994	--	--	--	--	--	--	--	ND	--	--	--	--
3/1/1995	--	--	--	--	--	--	--	ND	--	--	--	--
6/1/1995	--	--	--	--	--	--	--	ND	--	--	--	--
9/5/1995	--	--	--	--	--	--	--	ND	--	--	--	--
12/8/1995	--	--	--	--	--	--	--	ND	--	--	--	--
4/11/1996	--	--	--	--	--	--	--	ND	--	--	--	--
3/13/1997	--	--	--	--	--	--	--	120	--	--	--	--
3/25/1999	--	--	--	--	--	--	--	ND	--	--	--	--
3/7/2000	--	--	--	--	--	--	--	ND	--	--	--	--
3/28/2001	--	--	--	--	--	--	--	ND	--	--	--	--
3/9/2002	--	--	--	--	--	--	--	ND<10	--	--	--	--
3/24/2003	--	--	--	--	--	--	--	ND<10	--	--	--	--

Table 2 e
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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-pheny 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												
3/26/2004	ND<2.0	ND<2.0	--	--	--	--	--	ND<10	--	--	--	--
3/31/2006	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
2/16/2007	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
1/21/2008	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
2/25/2009	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 f
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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)	Diethyl phthalate (µg/l)
MW-2												
2/25/2009	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
MW-4A												
2/25/2009	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
MW-4B												
2/25/2009	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
6/12/2009	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
MW-5												
3/26/2004	--	--	--	ND<2.0	ND<2.0	--	--	--	--	--	--	--
3/31/2006	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
2/16/2007	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
1/21/2008	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
2/25/2009	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
MW-6												
2/25/2009	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
MW-7												
3/26/2004	--	--	--	ND<2.0	ND<2.0	--	--	--	--	--	--	--
3/31/2006	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
2/16/2007	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
1/21/2008	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
2/25/2009	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

TRC

Table 2 g
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	2,4-Dimethyl-phenol (µg/l)	Dimethyl phthalate (µg/l)	Di-n-butyl phthalate (µg/l)	2,4-Dinitro-phenol (µg/l)	2,4-Dinitro-toluene (µg/l)	2,6-Dinitro-toluene (µg/l)	Di-n-octyl phthalate (µg/l)	Fluoran-thene (µg/l)	Fluorene (µg/l)	Hexa-chloro-benzene (µg/l)	HCBD (svoc) (µg/l)	Hexachloro cyclopenta-diene (µg/l)
MW-2												
2/25/2009	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<2.0	ND<2.0
MW-4A												
2/25/2009	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<2.0	ND<2.0
MW-4B												
2/25/2009	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<2.0	ND<2.0
6/12/2009	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<2.0	ND<2.0
MW-5												
3/26/2004	--	--	--	--	--	--	--	ND<2.0	ND<2.0	--	--	--
3/31/2006	ND<2.1	ND<5.2	ND<5.2	ND<10	ND<2.1	ND<5.2	ND<5.2	ND<2.1	ND<2.1	ND<2.1	--	ND<5.2
2/16/2007	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
1/21/2008	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<2.0	ND<2.0
2/25/2009	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<2.0	ND<2.0
MW-6												
2/25/2009	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<2.0	ND<2.0
MW-7												
3/26/2004	--	--	--	--	--	--	--	ND<2.0	ND<2.0	--	--	--
3/31/2006	ND<2.1	ND<5.2	ND<5.2	ND<10	ND<2.1	ND<5.2	ND<5.2	ND<2.1	ND<2.1	ND<2.1	--	ND<5.2
2/16/2007	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
1/21/2008	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<2.0	ND<2.0
2/25/2009	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<2.0	ND<2.0

TRC

Table 2 h
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Hexachloro-ethane (µg/l)	Indeno-[1,2,3-c,d] pyrene (µg/l)	Isophorone (µg/l)	2-Methyl-4,6-dinitro-phenol (µg/l)	2-Methyl-naphtha-lene (µg/l)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	3- and 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)
MW-2												
2/25/2009	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<5.0
MW-4												
4/11/1996	--	--	--	--	ND	--	--	--	--	--	--	--
3/13/1997	--	--	--	--	ND	--	--	--	--	--	--	--
3/25/1999	--	--	--	--	ND	--	--	--	--	--	--	--
3/7/2000	--	--	--	--	ND	--	--	--	--	--	--	--
3/28/2001	--	--	--	--	ND	--	--	--	--	--	--	--
3/9/2002	--	--	--	--	ND<5.0	--	--	--	--	--	--	--
MW-4A												
2/25/2009	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<5.0
MW-4B												
2/25/2009	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<5.0
6/12/2009	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<5.0
MW-5												
3/10/1993	--	--	--	--	ND	--	--	--	--	--	--	--
4/11/1996	--	--	--	--	ND	--	--	--	--	--	--	--
3/13/1997	--	--	--	--	ND	--	--	--	--	--	--	--
3/25/1999	--	--	--	--	ND	--	--	--	--	--	--	--
3/7/2000	--	--	--	--	ND	--	--	--	--	--	--	--
3/28/2001	--	--	--	--	ND	--	--	--	--	--	--	--
3/9/2002	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
3/24/2003	--	--	--	--	ND<2.0	--	--	--	--	--	--	--
3/26/2004	--	ND<2.0	--	--	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--
3/31/2006	ND<2.1	ND<2.1	ND<2.1	ND<10	ND<2.1	ND<2.1	ND<2.1	--	ND<2.1	ND<10	ND<2.1	ND<10

TRC

Table 2 h
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	Hexachloro-ethane (µg/l)	Indeno-[1,2,3-c,d] pyrene (µg/l)	Isophorone (µg/l)	2-Methyl-4,6-dinitro-phenol (µg/l)	2-Methyl-naphtha-lene (µg/l)	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	3- and 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)
MW-5 continued												
2/16/2007	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<5.0
1/21/2008	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<5.0
2/25/2009	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<5.0
MW-6												
2/25/2009	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<5.0
MW-7												
3/10/1993	--	--	--	--	19	--	--	--	--	--	--	--
6/9/1993	--	--	--	--	19	--	--	--	--	--	--	--
9/9/1993	--	--	--	--	11	--	--	--	--	--	--	--
12/9/1993	--	--	--	--	ND	--	--	--	--	--	--	--
3/3/1994	--	--	--	--	34	--	--	--	--	--	--	--
6/3/1994	--	--	--	--	18	--	--	--	--	--	--	--
9/2/1994	--	--	--	--	ND	--	--	--	--	--	--	--
12/1/1994	--	--	--	--	ND	--	--	--	--	--	--	--
3/1/1995	--	--	--	--	40	--	--	--	--	--	--	--
6/1/1995	--	--	--	--	13	--	--	--	--	--	--	--
9/5/1995	--	--	--	--	ND	--	--	--	--	--	--	--
12/8/1995	--	--	--	--	ND	--	--	--	--	--	--	--
4/11/1996	--	--	--	--	7.6	--	--	--	--	--	--	--
3/13/1997	--	--	--	--	ND	--	--	--	--	--	--	--
3/25/1999	--	--	--	--	ND	--	--	--	--	--	--	--
3/7/2000	--	--	--	--	ND	--	--	--	--	--	--	--
3/28/2001	--	--	--	--	ND	--	--	--	--	--	--	--
3/9/2002	--	--	--	--	ND<5.0	--	--	--	--	--	--	--
3/24/2003	--	--	--	--	ND<2.0	--	--	--	--	--	--	--

Table 2 h
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

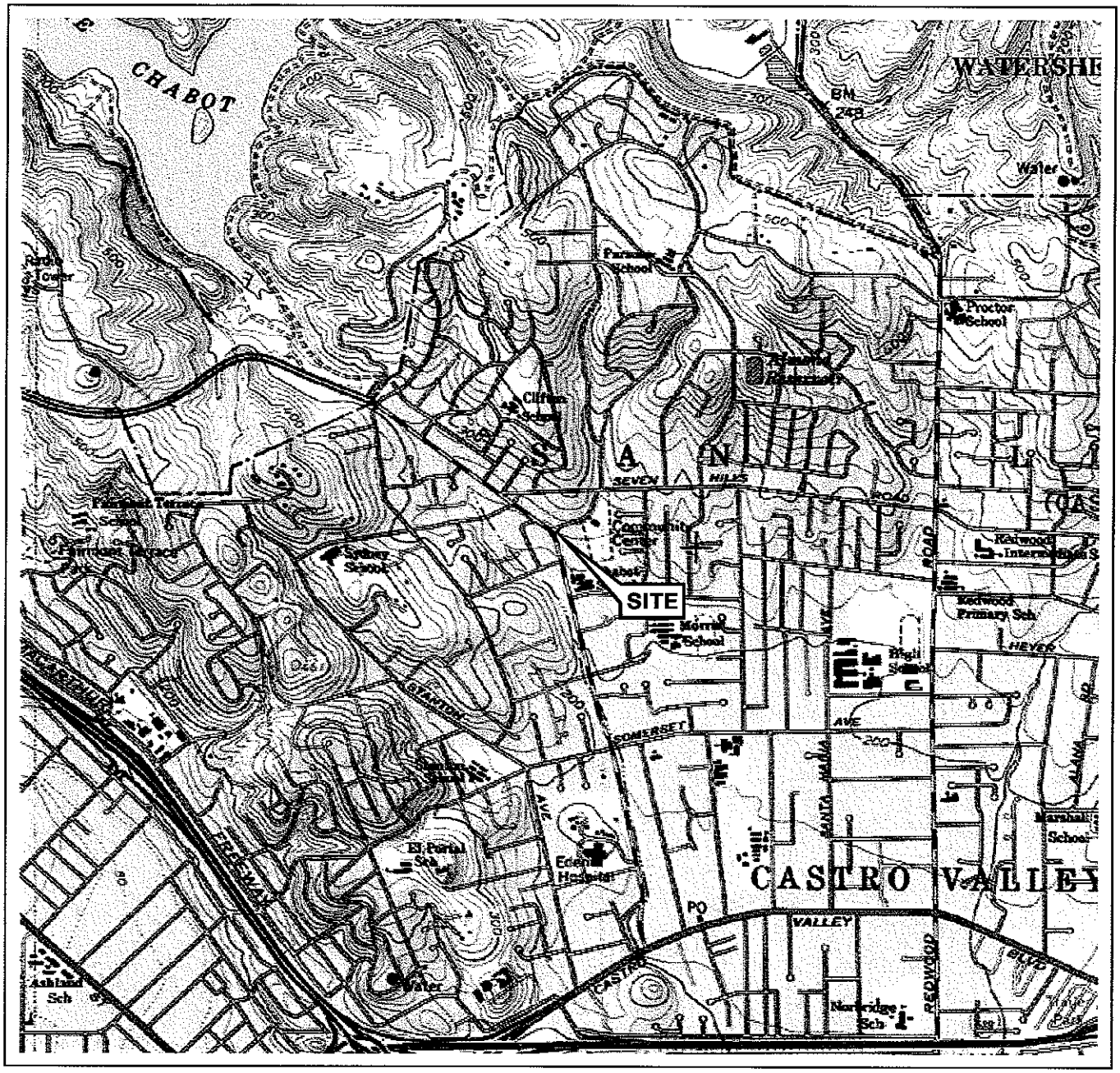
Date Sampled	Hexachloro -ethane (µg/l)	Indeno- [1,2,3-c,d] pyrene (µg/l)	Isophorone (µg/l)	2-Methyl- 4,6-dinitro- phenol (µg/l)	2-Methyl- naphtha- lene (µg/l)	2-Methyl- phenol (µg/l)	4-Methyl- phenol (µg/l)	3- and 4- Methyl- phenol (µg/l)	Naphtha- lene (svoc) (µg/l)	2-Nitro- aniline (µg/l)	3-Nitro- aniline (µg/l)	4-Nitro- aniline (µg/l)
MW-7 continued												
3/26/2004	--	ND<2.0	--	--	23	ND<2.0	ND<2.0	--	--	--	--	--
3/31/2006	ND<2.1	ND<2.1	ND<2.1	ND<10	3.1	ND<2.1	ND<2.1	--	6.2	ND<10	ND<2.1	ND<10
2/16/2007	ND<2.0	ND<2.0	ND<2.0	ND<10	19	ND<2.0	--	ND<2.0	37	ND<2.0	ND<2.0	ND<5.0
1/21/2008	ND<2.0	ND<2.0	ND<2.0	ND<10	19	ND<2.0	--	ND<2.0	40	ND<2.0	ND<2.0	ND<5.0
2/25/2009	ND<2.0	ND<2.0	ND<2.0	ND<10	16	ND<2.0	--	ND<2.0	27	ND<2.0	ND<2.0	ND<5.0

Table 2 i
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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)	Penta-chloro-phenol (µg/l)	Phen-anthrene (µg/l)	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-2												
2/25/2009	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<5.0	ND<5.0
MW-4A												
2/25/2009	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<5.0	ND<5.0
MW-4B												
2/25/2009	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<5.0	ND<5.0
6/12/2009	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<5.0	ND<5.0
MW-5												
3/26/2004	--	--	--	--	--	--	ND<2.0	--	ND<2.0	--	--	--
3/31/2006	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	ND<2.1	ND<2.1
2/16/2007	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<5.0	ND<5.0
1/21/2008	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<5.0	ND<5.0
2/25/2009	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<5.0	ND<5.0
MW-6												
2/25/2009	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<5.0	ND<5.0
MW-7												
3/26/2004	--	--	--	--	--	--	ND<2.0	--	ND<2.0	--	--	--
3/31/2006	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	ND<2.1	ND<2.1
2/16/2007	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<5.0	ND<5.0
1/21/2008	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<5.0	ND<5.0
2/25/2009	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<5.0	ND<5.0

TRC

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

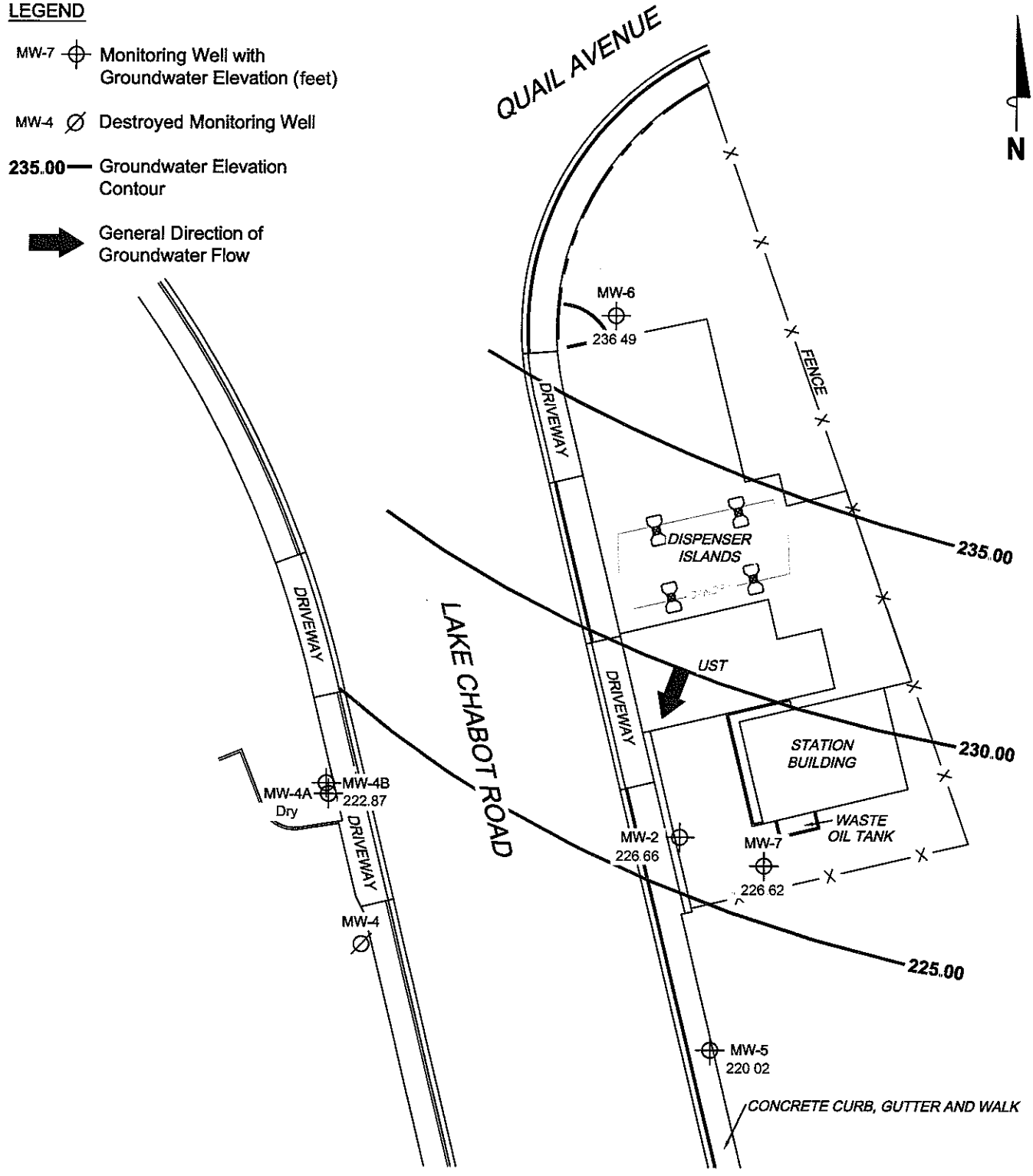
FACILITY:

76 STATION 5484
18950 LAKE CHABOT ROAD
CASTRO VALLEY, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\5484vm.dwg Jan 20, 2009 - 12:30pm akers



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

SCALE (FEET)

0 40

TRC

PROJECT: 165521

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

GROUNDWATER ELEVATION CONTOUR MAP
June 12, 2009

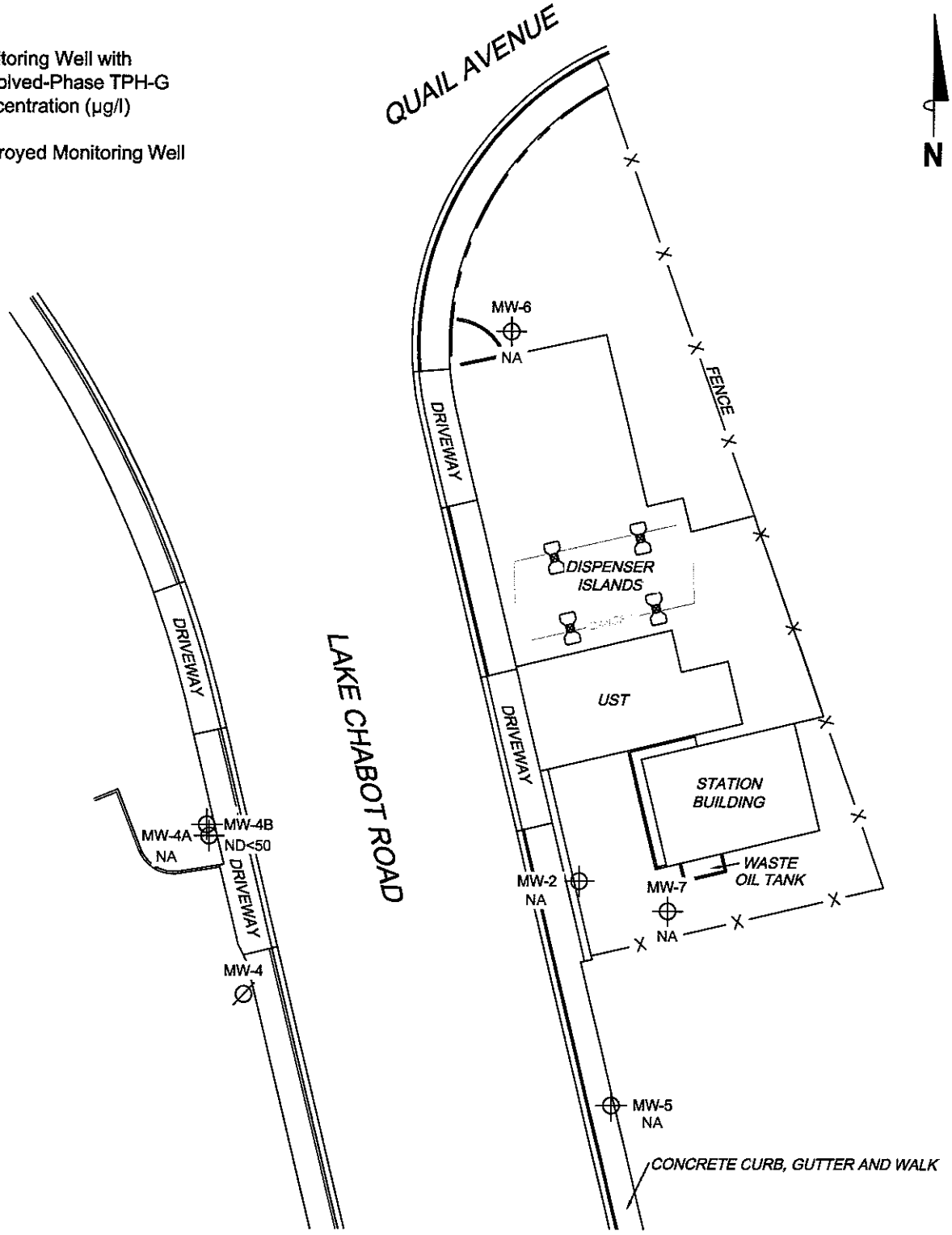
FIGURE 2

MS=1:1 5484-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5484+\5484-QMS.dwg Jun 26, 2009 - 9:14am aakers

LEGEND

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

MW-4 ∅ Destroyed Monitoring Well



NOTES:

TPH-G = total petroleum hydrocarbons as gasoline. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. Results obtained using EPA Method 8015.

SCALE (FEET)

0 40

TRC

PROJECT: 165521

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

DISSOLVED-PHASE TPH-G by 8015 CONCENTRATION MAP
June 12, 2009

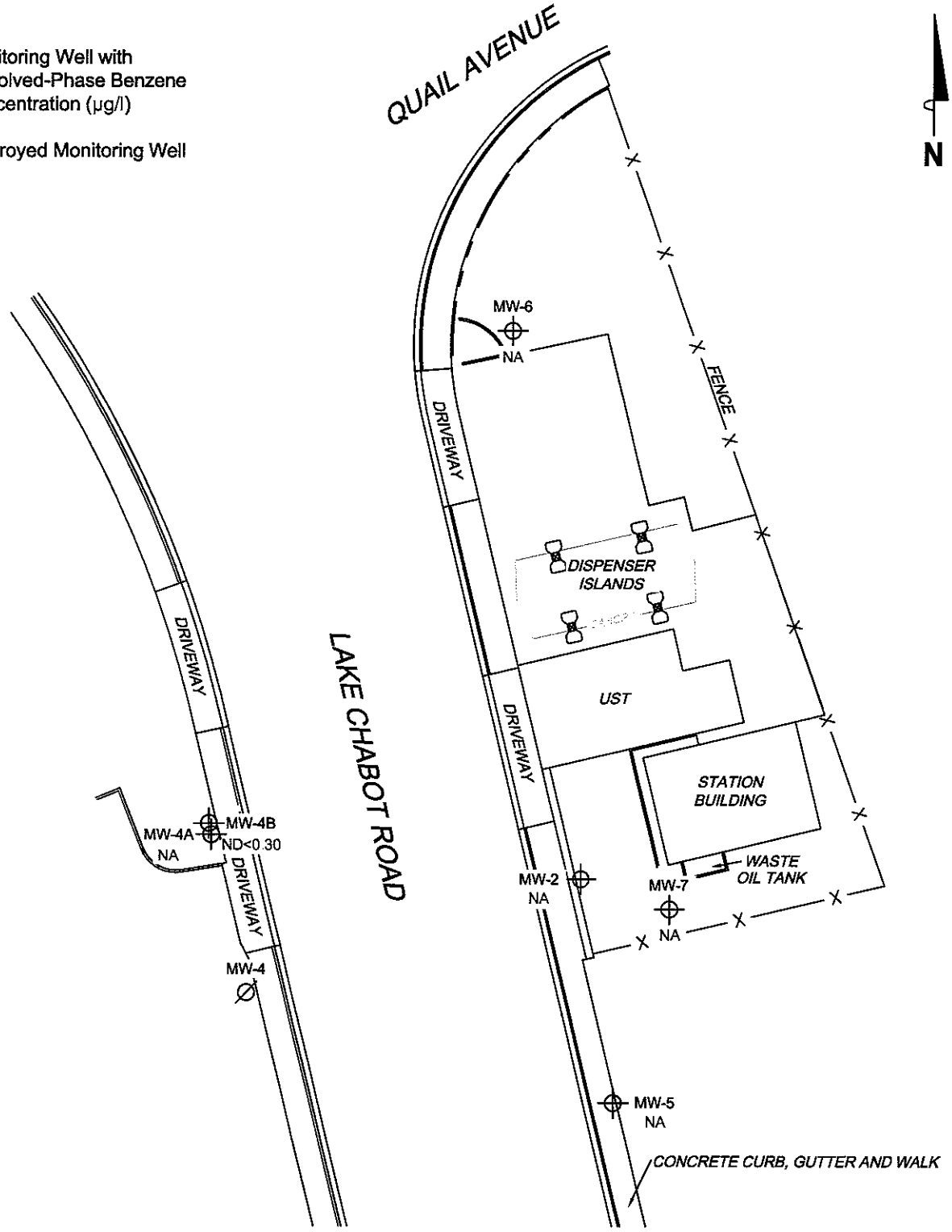
FIGURE 3

MS=1:1 5484-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5484+\5484-QMS.dwg Jul 07, 2009 - 7:42am aakers

LEGEND

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

MW-4 ∅ Destroyed Monitoring Well



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
NA = not analyzed, measured, or collected. UST = underground storage tank.

SCALE (FEET)

0 40

TRC

PROJECT: 165521

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
June 12, 2009

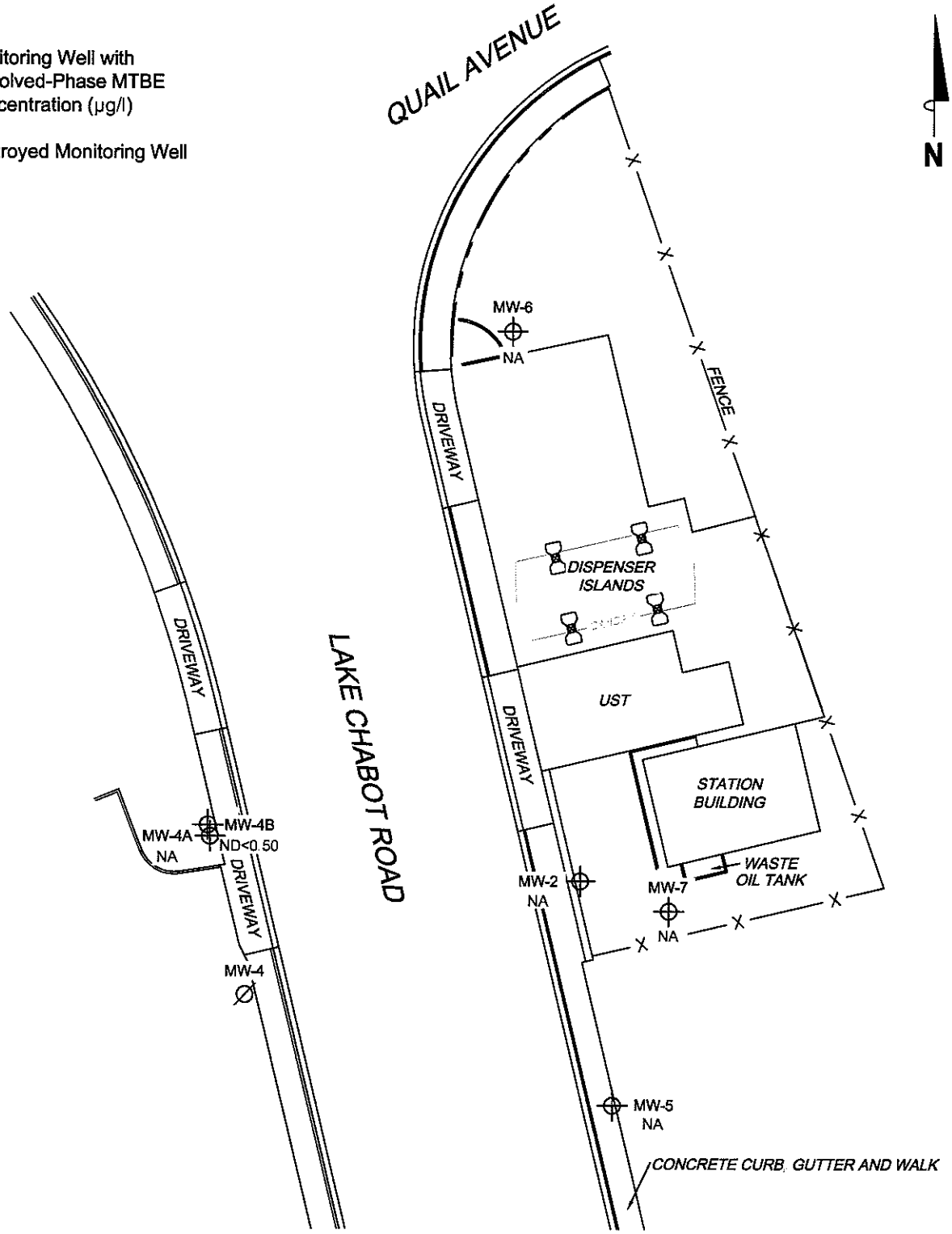
FIGURE 4

MS=1:1 5484-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5484+\5484-QMS.dwg Jul 07, 2009 - 7:47am aakers

LEGEND

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

MW-4 ∅ Destroyed Monitoring Well



NOTES:

MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 40

TRC

PROJECT: 165521

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

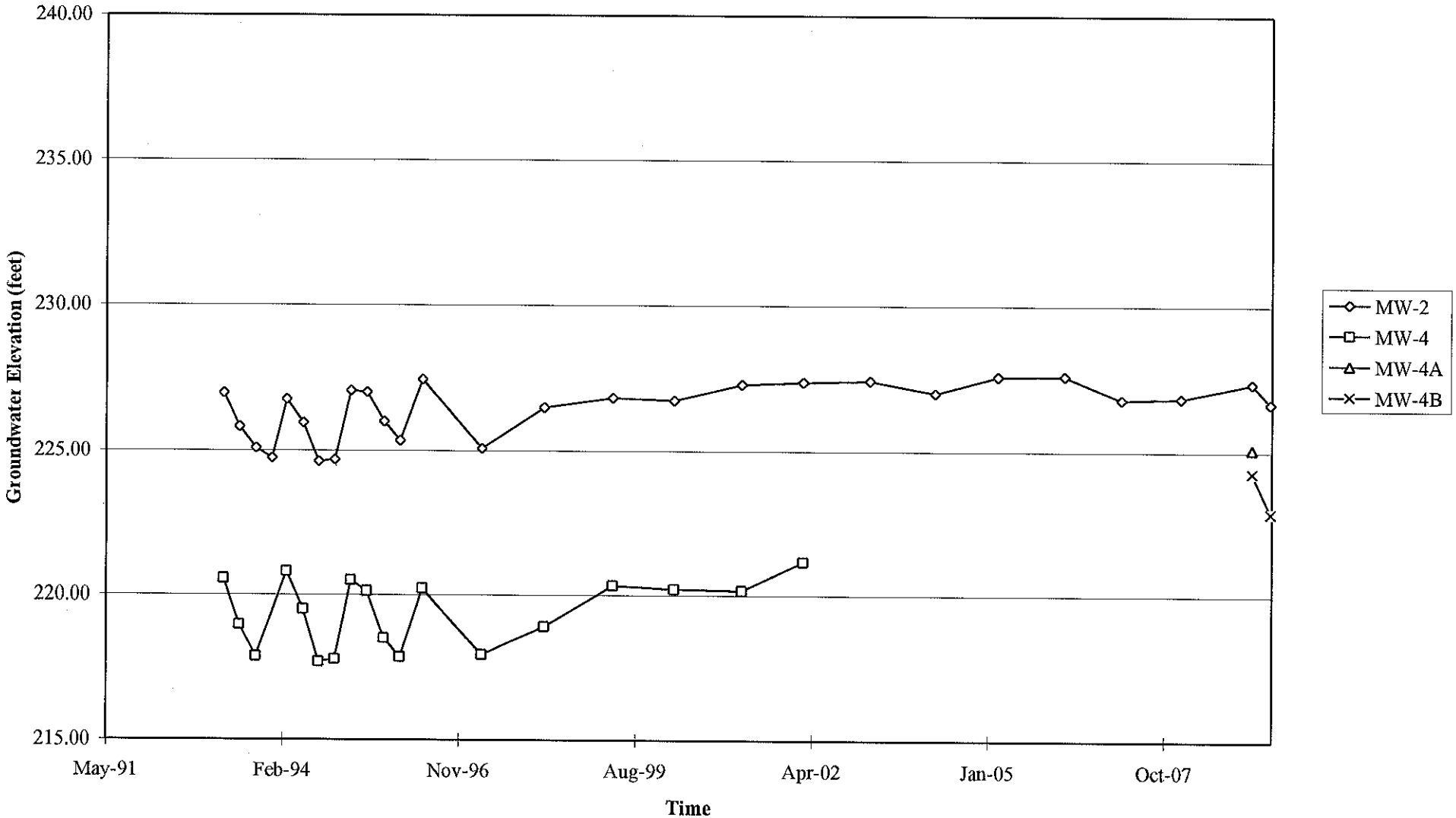
DISSOLVED-PHASE MTBE CONCENTRATION MAP
June 12, 2009

FIGURE 5

MS=1:1 5484-003 L:\Graphics\QMS NORTH-SOUTH\x-500\5484+\5484-QMS.dwg Jul 07, 2009 - 7:49am aakers

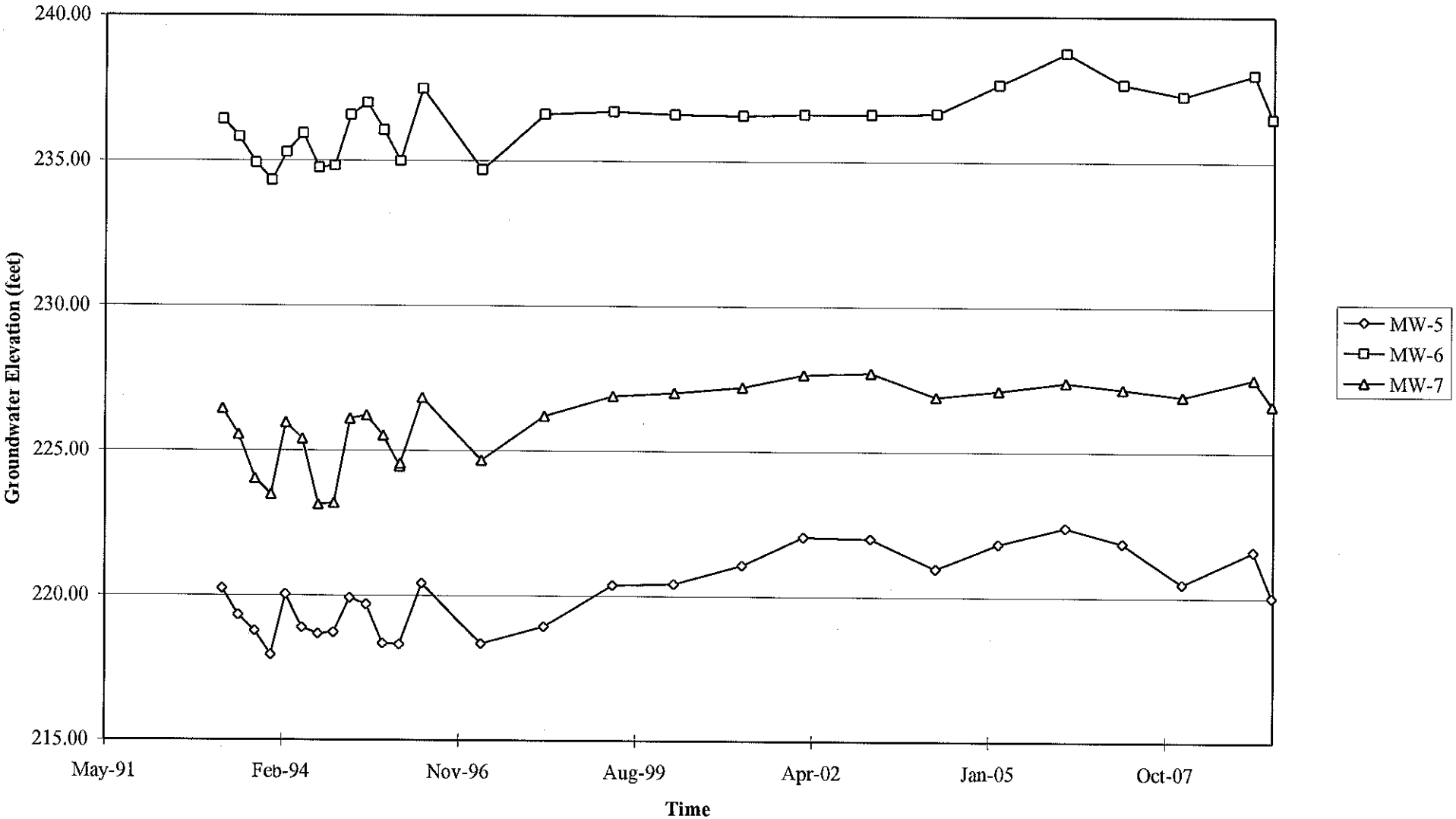
GRAPHS

Groundwater Elevations vs. Time
76 Station 5484



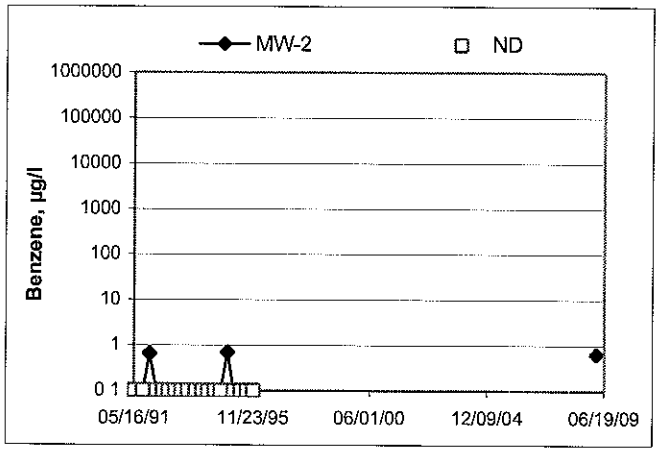
Elevations may have been corrected for apparent changes due to resurvey

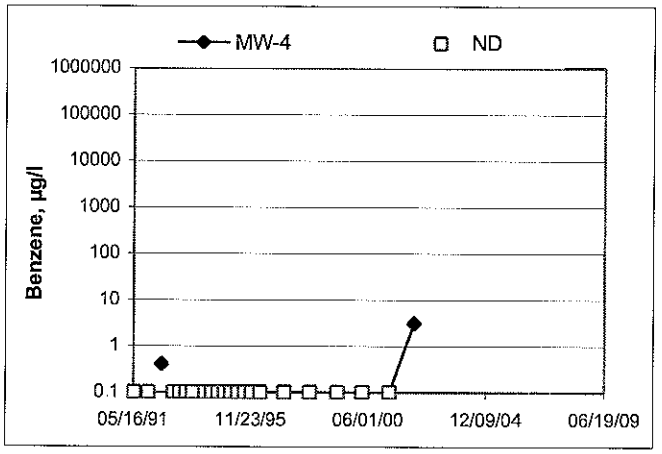
Groundwater Elevations vs. Time
76 Station 5484

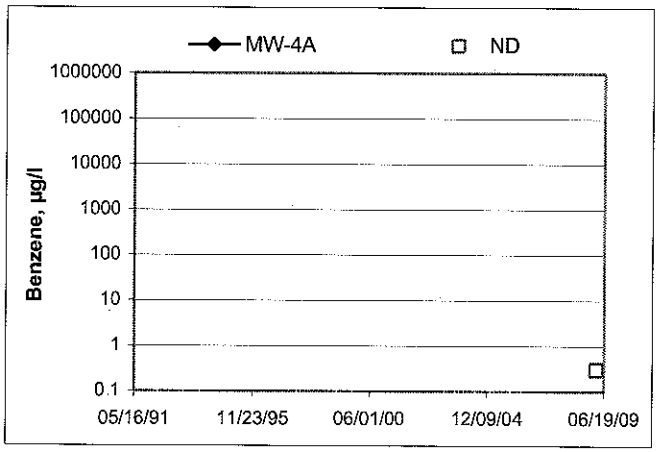


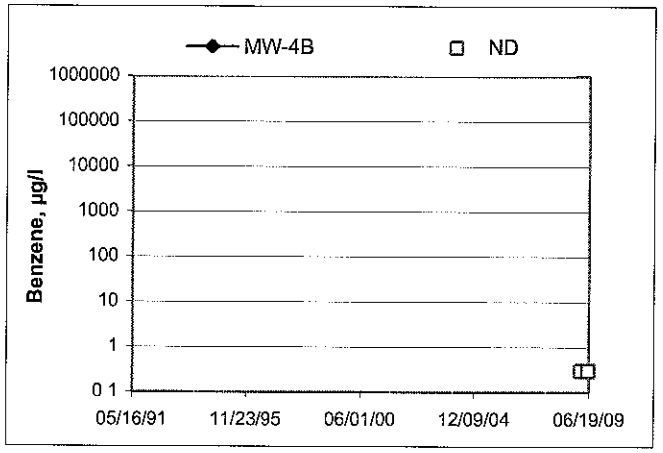
Elevations may have been corrected for apparent changes due to resurvey

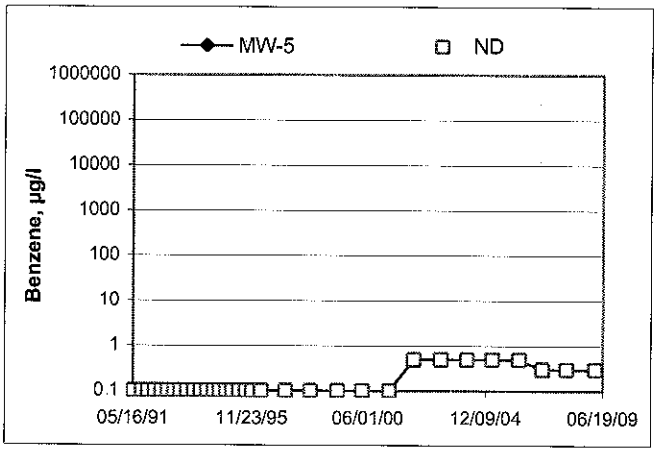
Benzene Concentrations vs Time
76 Station 5484

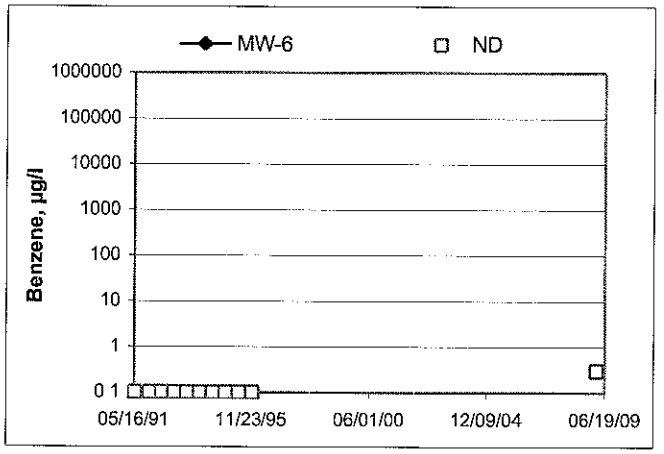


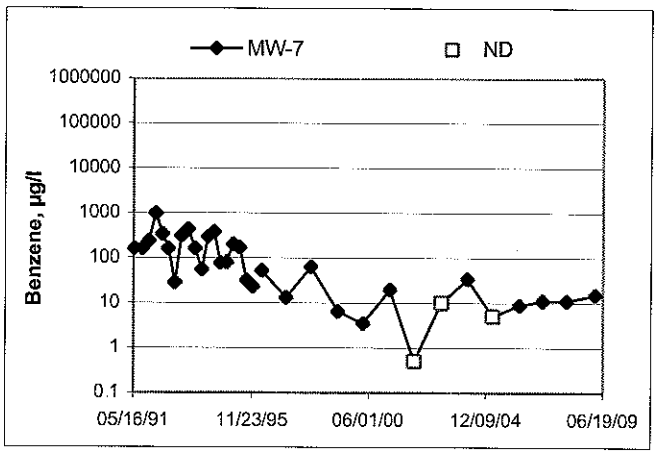












GENERAL FIELD PROCEDURES

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 car e 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 is 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 activit ies. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated a particular well, 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 #: 165521/FA20 Date: 06-12-09

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

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-4B	X	0636	13.99	10.04	—	—	0823	2"
MW4A	X	0642	9.43	9.19	—	—	NS	2" Well Dry
MW-6	X	0649	27.00	5.25	—	—		~~2" SL4"~~ Monitor only
MW-5	X	0655	23.87	7.88	—	—		~~2" SL4"~~
MW-2	X	0704	19.19	5.00	—	—		2"
MW-7	X	0711	19.54	7.51	—	—		2"

FIELD DATA COMPLETE / QA/QC / COC / WELL BOX CONDITION SHEETS

MANIFEST / DRUM INVENTORY / TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5484 Project No.: 165521 Date: 06-12-09

Well No. MW4B Purge Method: HB

Depth to Water (feet): 10.04 Depth to Product (feet): —

Total Depth (feet) 13.99 LPH & Water Recovered (gallons): —

Water Column (feet): 3.95 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.83 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0726			1	1372	18.7	7.56			
			2	1360	17.8	7.68			
	0749		3	1327	18.2	7.51			

Static at Time Sampled	Total Gallons Purged	Sample Time
10.83	3	0823

Comments: Started hand Bailing at 0726, sprinkler system came on had to clear well had to stop working until sprinklers went off

Well No _____ Purge Method: _____

Depth to Water (feet): _____ Depth to Product (feet): _____

Total Depth (feet) _____ LPH & Water Recovered (gallons): _____

Water Column (feet): _____ Casing Diameter (Inches): _____

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

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 06-12-09 SITE ID: 5484

TECH: JOE L. CALLED SUPERVISOR: YES / (NO)

CALLED PM: (YES) / NO NAME OF PM: A. Collins

WELL ID: MW-4A well Dry

WELL ID: MW-6 Monitor only

WELL ID: MW-5 Monitor only

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 06/22/2009

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 5484
BC Work Order: 0907821
Invoice ID: B063815

Enclosed are the results of analyses for samples received by the laboratory on 6/15/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC 21 Technology Drive Irvine, CA 92618	Project: 5484 Project Number: 4511010874 Project Manager: Anju Farfan	**Reported:** 06/22/2009 15:26

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0907821-01	**COC Number:**	---	**Receive Date:**	06/15/2009 21:01	Delivery Work Order:	
	Project Number:	5484	**Sampling Date:**	06/12/2009 08:23	Global ID: T0600101453	
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-4B	
	Sampling Point:	MW-4B	**Sample Matrix:**	Water	Matrix: W	
	Sampled By:	TRCI			Sample QC Type (SACode): CS	
					Cooler ID:	

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0907821-01 | **Client Sample Name:** 5484, MW-4B, 6/12/2009 8:23:00AM

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	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	V01
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Methylene chloride	ND	ug/L	1.0		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0907821-01 | **Client Sample Name:** 5484, MW-4B, 6/12/2009 8:23:00AM

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	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072		
Toluene-d8 (Surrogate)	99.9	%	88 - 110 (LCL - UCL)		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	06/17/09	06/18/09 04:21	MWB	MS-V13	1	BSF1072		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

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

BCL Sample ID: 0907821-01 | **Client Sample Name:** 5484, MW-4B, 6/12/2009 8:23:00AM

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	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Acenaphthylene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Anthracene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Benzo[a]anthracene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Benzo[b]fluoranthene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Benzo[k]fluoranthene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Benzo[a]pyrene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Benzo[g,h,i]perylene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Benzoic acid	ND	ug/L	10		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Benzyl alcohol	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Benzyl butyl phthalate	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
bis(2-Chloroethoxy)methane	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
bis(2-Chloroethyl) ether	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
bis(2-Chloroisopropyl)ether	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
bis(2-Ethylhexyl)phthalate	ND	ug/L	4.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
4-Bromophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
4-Chloroaniline	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2-Chloronaphthalene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
4-Chlorophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Chrysene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Dibenzo[a,h]anthracene	ND	ug/L	3.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Dibenzofuran	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
1,2-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		

TRC
21 Technology Drive
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Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

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

BCL Sample ID: 0907821-01 | **Client Sample Name:** 5484, MW-4B, 6/12/2009 8:23:00AM

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	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
1,4-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
3,3-Dichlorobenzidine	ND	ug/L	10		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Diethyl phthalate	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Dimethyl phthalate	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Di-n-butyl phthalate	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2,4-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2,6-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Di-n-octyl phthalate	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Fluoranthene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Fluorene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Hexachlorobenzene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Hexachlorobutadiene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Hexachlorocyclopentadiene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Hexachloroethane	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Isophorone	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2-Methylnaphthalene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Naphthalene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2-Nitroaniline	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
3-Nitroaniline	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
4-Nitroaniline	ND	ug/L	5.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Nitrobenzene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		

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Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

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

BCL Sample ID: 0907821-01 | **Client Sample Name:** 5484, MW-4B, 6/12/2009 8:23:00AM

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	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
N-Nitrosodiphenylamine	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Phenanthrene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Pyrene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
1,2,4-Trichlorobenzene	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
4-Chloro-3-methylphenol	ND	ug/L	5.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2-Chlorophenol	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2,4-Dichlorophenol	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2,4-Dimethylphenol	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
4,6-Dinitro-2-methylphenol	ND	ug/L	10		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2,4-Dinitrophenol	ND	ug/L	10		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2-Methylphenol	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
3- & 4-Methylphenol	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2-Nitrophenol	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
4-Nitrophenol	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Pentachlorophenol	ND	ug/L	10		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Phenol	ND	ug/L	2.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2,4,5-Trichlorophenol	ND	ug/L	5.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2,4,6-Trichlorophenol	ND	ug/L	5.0		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2-Fluorophenol (Surrogate)	59.4	%	20 - 109 (LCL - UCL)		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Phenol-d5 (Surrogate)	60.6	%	10 - 84 (LCL - UCL)		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
Nitrobenzene-d5 (Surrogate)	79.2	%	43 - 116 (LCL - UCL)		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
2-Fluorobiphenyl (Surrogate)	75.0	%	42 - 113 (LCL - UCL)		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5484 Project Number: 4511010874 Project Manager: Anju Farfan	**Reported:** 06/22/2009 15:26

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

BCL Sample ID: 0907821-01 | **Client Sample Name:** 5484, MW-4B, 6/12/2009 8:23:00AM

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)	91.5	%	45 - 148 (LCL - UCL)		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		
p-Terphenyl-d14 (Surrogate)	94.4	%	10 - 197 (LCL - UCL)		EPA-8270C	06/16/09	06/18/09 16:54	SKC	MS-B1	0.960	BSF1456		

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Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0907821-01 | **Client Sample Name:** 5484, MW-4B, 6/12/2009 8:23:00AM

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	06/16/09	06/16/09 19:12	JJH	GC-V4	1	BSF1127	ND	
Toluene	ND	ug/L	0.30		EPA-8021	06/16/09	06/16/09 19:12	JJH	GC-V4	1	BSF1127	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	06/16/09	06/16/09 19:12	JJH	GC-V4	1	BSF1127	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	06/16/09	06/16/09 19:12	JJH	GC-V4	1	BSF1127	ND	V11
Total Xylenes	ND	ug/L	0.60		EPA-8021	06/16/09	06/16/09 19:12	JJH	GC-V4	1	BSF1127	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	06/16/09	06/16/09 19:12	JJH	GC-V4	1	BSF1127	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	74.8	%	70 - 130 (LCL - UCL)		EPA-8021	06/16/09	06/16/09 19:12	JJH	GC-V4	1	BSF1127		
a,a,a-Trifluorotoluene (FID Surrogate)	102	%	70 - 130 (LCL - UCL)		Luft	06/16/09	06/16/09 19:12	JJH	GC-V4	1	BSF1127		

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Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

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	BSF1072	Matrix Spike	0907381-02	0	24.400	25.000	ug/L		97.6		70 - 130	
		Matrix Spike Duplicate	0907381-02	0	24.040	25.000	ug/L	1.4	96.2	20	70 - 130	
Chlorobenzene	BSF1072	Matrix Spike	0907381-02	0	26.390	25.000	ug/L		106		70 - 130	
		Matrix Spike Duplicate	0907381-02	0	26.060	25.000	ug/L	1.9	104	20	70 - 130	
Chloroethane	BSF1072	Matrix Spike	0907381-02	0	27.990	25.000	ug/L		112		70 - 130	
		Matrix Spike Duplicate	0907381-02	0	27.480	25.000	ug/L	1.8	110	20	70 - 130	
1,4-Dichlorobenzene	BSF1072	Matrix Spike	0907381-02	0	25.250	25.000	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0907381-02	0	25.350	25.000	ug/L	0	101	20	70 - 130	
1,1-Dichloroethane	BSF1072	Matrix Spike	0907381-02	0	27.040	25.000	ug/L		108		70 - 130	
		Matrix Spike Duplicate	0907381-02	0	26.680	25.000	ug/L	0.9	107	20	70 - 130	
1,1-Dichloroethene	BSF1072	Matrix Spike	0907381-02	0	27.190	25.000	ug/L		109		70 - 130	
		Matrix Spike Duplicate	0907381-02	0	27.430	25.000	ug/L	0.9	110	20	70 - 130	
Trichloroethene	BSF1072	Matrix Spike	0907381-02	0.96000	27.080	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0907381-02	0.96000	27.160	25.000	ug/L	1.0	105	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSF1072	Matrix Spike	0907381-02	ND	10.320	10.000	ug/L		103		76 - 114	
		Matrix Spike Duplicate	0907381-02	ND	9.6700	10.000	ug/L		96.7		76 - 114	
Toluene-d8 (Surrogate)	BSF1072	Matrix Spike	0907381-02	ND	10.100	10.000	ug/L		101		88 - 110	
		Matrix Spike Duplicate	0907381-02	ND	10.040	10.000	ug/L		100		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSF1072	Matrix Spike	0907381-02	ND	10.120	10.000	ug/L		101		86 - 115	
		Matrix Spike Duplicate	0907381-02	ND	9.8200	10.000	ug/L		98.2		86 - 115	

TRC 21 Technology Drive Irvine, CA 92618	Project: 5484 Project Number: 4511010874 Project Manager: Anju Farfan	**Reported:** 06/22/2009 15:26

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	BSF1127	Matrix Spike	0906490-68	0	35.507	40.000	ug/L		88.8		70 - 130	
		Matrix Spike Duplicate	0906490-68	0	34.911	40.000	ug/L	1.7	87.3	20	70 - 130	
Toluene	BSF1127	Matrix Spike	0906490-68	0	35.699	40.000	ug/L		89.2		70 - 130	
		Matrix Spike Duplicate	0906490-68	0	34.387	40.000	ug/L	3.7	86.0	20	70 - 130	
Ethylbenzene	BSF1127	Matrix Spike	0906490-68	0	36.756	40.000	ug/L		91.9		70 - 130	
		Matrix Spike Duplicate	0906490-68	0	35.516	40.000	ug/L	3.4	88.8	20	70 - 130	
Methyl t-butyl ether	BSF1127	Matrix Spike	0906490-68	0	34.827	40.000	ug/L		87.1		70 - 130	
		Matrix Spike Duplicate	0906490-68	0	33.093	40.000	ug/L	5.2	82.7	20	70 - 130	
Total Xylenes	BSF1127	Matrix Spike	0906490-68	0	102.69	120.00	ug/L		85.6		70 - 130	
		Matrix Spike Duplicate	0906490-68	0	99.973	120.00	ug/L	2.7	83.3	20	70 - 130	
Gasoline Range Organics (C4 - C12)	BSF1127	Matrix Spike	0906490-68	0	915.65	1000.0	ug/L		91.6		70 - 130	
		Matrix Spike Duplicate	0906490-68	0	956.46	1000.0	ug/L	4.3	95.6	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	BSF1127	Matrix Spike	0906490-68	ND	36.336	40.000	ug/L		90.8		70 - 130	
		Matrix Spike Duplicate	0906490-68	ND	36.375	40.000	ug/L		90.9		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	BSF1127	Matrix Spike	0906490-68	ND	44.074	40.000	ug/L		110		70 - 130	
		Matrix Spike Duplicate	0906490-68	ND	46.028	40.000	ug/L		115		70 - 130	

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Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

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	BSF1072	BSF1072-BS1	LCS	24.870	25.000	0.50	ug/L	99.5		70 - 130		
Chlorobenzene	BSF1072	BSF1072-BS1	LCS	26.340	25.000	0.50	ug/L	105		70 - 130		
Chloroethane	BSF1072	BSF1072-BS1	LCS	27.410	25.000	0.50	ug/L	110		70 - 130		
1,4-Dichlorobenzene	BSF1072	BSF1072-BS1	LCS	25.860	25.000	0.50	ug/L	103		70 - 130		
1,1-Dichloroethane	BSF1072	BSF1072-BS1	LCS	27.430	25.000	0.50	ug/L	110		70 - 130		
1,1-Dichloroethene	BSF1072	BSF1072-BS1	LCS	28.620	25.000	0.50	ug/L	114		70 - 130		
Trichloroethene	BSF1072	BSF1072-BS1	LCS	26.310	25.000	0.50	ug/L	105		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSF1072	BSF1072-BS1	LCS	10.040	10.000		ug/L	100		76 - 114		
Toluene-d8 (Surrogate)	BSF1072	BSF1072-BS1	LCS	10.110	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSF1072	BSF1072-BS1	LCS	9.8900	10.000		ug/L	98.9		86 - 115		

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Project: 5484
Project Number: 4511010874
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Reported: 06/22/2009 15:26

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	BSF1127	BSF1127-BS1	LCS	36.092	40.000	0.30	ug/L	90.2		85 - 115		
Toluene	BSF1127	BSF1127-BS1	LCS	36.960	40.000	0.30	ug/L	92.4		85 - 115		
Ethylbenzene	BSF1127	BSF1127-BS1	LCS	37.483	40.000	0.30	ug/L	93.7		85 - 115		
Methyl t-butyl ether	BSF1127	BSF1127-BS1	LCS	37.684	40.000	1.0	ug/L	94.2		85 - 115		
Total Xylenes	BSF1127	BSF1127-BS1	LCS	103.61	120.00	0.60	ug/L	86.3		85 - 115		
Gasoline Range Organics (C4 - C12)	BSF1127	BSF1127-BS1	LCS	984.44	1000.0	50	ug/L	98.4		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BSF1127	BSF1127-BS1	LCS	36.449	40.000		ug/L	91.1		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BSF1127	BSF1127-BS1	LCS	44.459	40.000		ug/L	111		70 - 130		

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Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

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	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Bromoform	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Bromomethane	BSF1072	BSF1072-BLK1	ND	ug/L	1.0		
Carbon tetrachloride	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Chlorobenzene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Chloroethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Chloroform	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Chloromethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Dichlorodifluoromethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,1-Dichloroethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,2-Dichloropropane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
cis-1,3-Dichloropropene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Methylene chloride	BSF1072	BSF1072-BLK1	ND	ug/L	1.0		
Methyl t-butyl ether	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5484
Project Number: 4511010874
Project Manager: Anju Farfan

Reported: 06/22/2009 15:26

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	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Trichloroethene	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
1,1,2-Trichloro-1,2,2-trifluoroethane	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
Vinyl chloride	BSF1072	BSF1072-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BSF1072	BSF1072-BLK1	ND	ug/L	10		
1,2-Dichloroethane-d4 (Surrogate)	BSF1072	BSF1072-BLK1	106	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSF1072	BSF1072-BLK1	99.9	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSF1072	BSF1072-BLK1	106	%	86 - 115 (LCL - UCL)		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5484 Project Number: 4511010874 Project Manager: Anju Farfan	**Reported:** 06/22/2009 15:26

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	BSF1127	BSF1127-BLK1	ND	ug/L	0.30		
Toluene	BSF1127	BSF1127-BLK1	ND	ug/L	0.30		
Ethylbenzene	BSF1127	BSF1127-BLK1	ND	ug/L	0.30		
Methyl t-butyl ether	BSF1127	BSF1127-BLK1	ND	ug/L	1.0		
Total Xylenes	BSF1127	BSF1127-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BSF1127	BSF1127-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BSF1127	BSF1127-BLK1	71.7	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BSF1127	BSF1127-BLK1	97.4	%	70 - 130 (LCL - UCL)		

TRC 21 Technology Drive Irvine, CA 92618	Project: 5484 Project Number: 4511010874 Project Manager: Anju Farfan	**Reported:** 06/22/2009 15:26

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
V01	The Initial Calibration Verification (ICV) recovery is not within established control limits.
V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 1

Submission #: 0907821

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

Emissivity: 0.98 Container: QTA Thermometer ID: TH103

Temperature: A 2.2 °C / C 1.9 °C

Date/Time 10/15/09 2051

Analyst Init JDW

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A 10	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER	BC									
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: JDW Date/Time: 10/15/09 2300

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES, INC.

4100 Atlas Court Bakersfield, CA 93308
(661) 327-4911 FAX (661) 327-1918

CHAIN OF CUSTODY

09-07821

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 18950 Lake Chabot Rd.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Castro Valley	**4-digit site#:** 5484
	Workorder # 01421-45110108 74
State: CA **Zip:**	**Project #:** 165521
Conoco Phillips Mgr: Jerry Grayson	**Sampler Name:** JOE L.

MATRIX
(GW) Ground-water
(S) Soil
(WW) Waste-water
(SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, ~~Gas by 8015~~	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	HVOC's (8010 list) by 8260, TBA by 8260B	SVOCS by 8270		Turnaround Time Requested
-1		MW-4B	06-12-09 0823	GW	X	X						X	X		STD

CHK BY: AM
DISTRIBUTION: SUB-OUT

Comments:

GLOBAL ID: T0600101453

Relinquished by: (Signature) Joe D. Lewis	Received by: Cass Ducay	Date & Time 06-12-09 1318
Relinquished by: (Signature) Cass Ducay 6/15/09	Received by: R Reyna	Date & Time 6-15-09 1700
Relinquished by: (Signature) R Reyna 6-15-09 2100	Received by:	Date & Time 06-15-09 2101

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.