ConocoPhillips
76 Broadway
Sacramento, California 95818

September 23, 2009

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

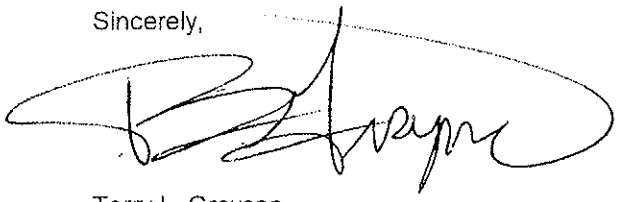
Re: ***Quarterly Summary Report—Third Quarter 2009***
76 Service Station # 5484 RO # 0352
18950 Lake Chabot Road
Castro Valley, CA

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

September 23, 2009

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

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

DELTA

Dear Ms. Jakub:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting the third quarter 2009 Summary Report and forwarding a copy of TRC's *Quarterly Monitoring Report, July through September 2009,* dated September 15, *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
Third 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 onsite 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 second quarter 2009, monitoring and sampling events on wells MW-2, MW-5, MW-6, and MW-7 will occur annually, during the first quarter, while MW-4A and MW-4B will be sampled quarterly. 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-July through September 2009*, dated July 6, 2009, has been forwarded with this report.

THIRD QUARTER 2009 MONITORING AND SAMPLING RESULTS

The 2009 quarterly monitoring and sampling event was performed on August 19, 2009 by TRC. The event included the sampling of two monitoring wells (MW-4A and MW-4B). MW-4A was reported as dry so only MW-4B was sampled. Depth to groundwater in MW-4B was 10.25 feet below top of casing (TOC). The groundwater flow direction and gradient could not be determined as only one well was sampled. Historic groundwater flow has been predominantly toward the southwest. A rose diagram presenting historic groundwater flow directions is presented as Attachment A.

Contaminants of Concern:

- **TPHg** was below laboratory indicated reporting limit in well MW-4B during the current sampling event.
- **Benzene** was below laboratory indicated reporting limit in well MW-4B during the current sampling event.
- **MTBE** was below laboratory indicated reporting limit in well MW-4B during the current sampling event.

  Toluene, Ethylbenzene, and Total Xylenes were all below laboratory indicated reporting limits in MW-4B during the current sampling event.

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

July 24, 2009: Alameda County Environmental Health Services Agency letter (Subject: *Fuel Leak Case No. R00000352 and Geotracker Global ID T0600101453, UNOCAL #5484, 18950 Lake Chabot Rd., Castro Valley, CA 94546*) changing all quarterly sampling to semi-annual or greater.

THIRD QUARTER 2009 ACTIVITIES

1. TRC performed the quarterly groundwater monitoring and sampling on August 19, 2009.
2. TRC prepared the *Quarterly Monitoring Report-July through September 2009,* dated September 15, 2009.

FIRST QUARTER 2010 ACTIVITIES

1. TRC to perform quarterly monitoring and sampling on MW-4A and MW-4B and annual monitoring and sampling on MW-2, MW-5, MW-6, MW-7.

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

3. Delta will prepare a request for closure and a workplan to destroy all wells in the network.

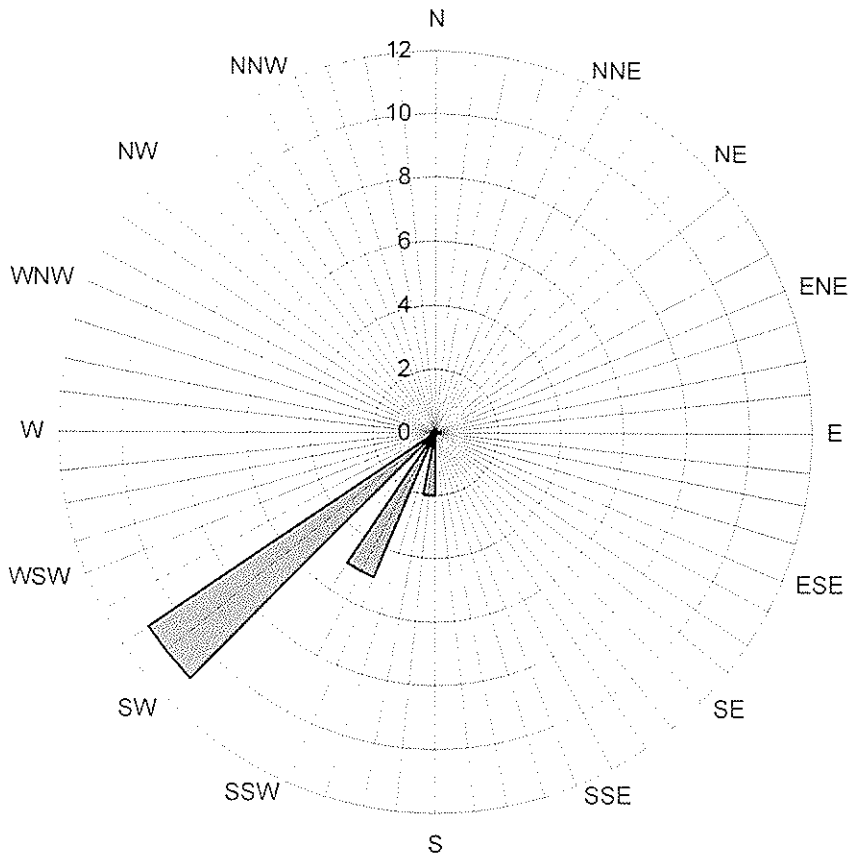
CONSULTANT: Delta Consultants

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



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: September 15, 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
JULY THROUGH SEPTEMBER 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
20-0400/5484R09.QMS

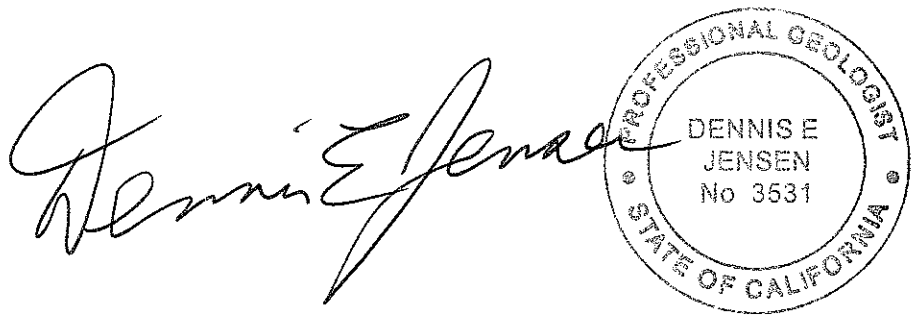
QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2009

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: 9/14/09

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a-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 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 – 8/19/09 Groundwater Sampling Field Notes – 8/19/09 Statement of Non-Completion of Job – 8/19/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Disposal Documents	Disposal/Treatment Manifest – Current (Pending)
Statements	Limitations

Summary of Gauging and Sampling Activities
July 2009 through September 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: **08/19/09**

Sample Points

Groundwater wells: **3** onsite, **3** offsite Points gauged: **2** Points sampled: **1**
Purging method: **Bailer**
Purge water disposal: **Crosby and Overton treatment facility**
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: **10.25 feet** Maximum: **10.25 feet**
Average groundwater elevation (relative to available local datum): **222.66 feet**
Average change in groundwater elevation since previous event: **-0.21 feet**
Interpreted groundwater gradient and flow direction:
Current event: **n/a**
Previous event: **0.09 ft/ft, southwest (06/12/09)**

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

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

August 19, 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														
08/19/09	231.66	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-4A														
08/19/09	232.55	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
MW-4B														
08/19/09	232.91	10.25	0.00	222.66	-0.21	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
MW-5														
08/19/09	227.90	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-6														
08/19/09	241.74	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-7														
08/19/09	234.13	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Q1 only

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												
08/19/09	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

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												
08/19/09	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

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												
08/19/09	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												
08/19/09	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												
08/19/09	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0

Table 1 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												
08/19/09	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												
08/19/09	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

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												
08/19/09	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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through August 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														
05/23/91	229.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/20/91	229.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/19/91	229.47	--	--	--	--	140	--	0.66	ND	0.64	1.2	--	--	
03/20/92	229.47	--	--	--	--	120	--	ND	ND	ND	ND	--	--	
06/18/92	229.47	--	--	--	--	140	--	ND	ND	ND	ND	--	--	
09/10/92	229.47	--	--	--	--	61	--	ND	ND	ND	ND	110	--	
12/10/92	229.47	--	--	--	--	100	--	ND	ND	ND	ND	170	--	
03/10/93	229.47	4.69	0.00	224.78	--	110	--	ND	ND	ND	ND	350	--	
06/09/93	229.47	5.85	0.00	223.62	-1.16	120	--	ND	ND	ND	ND	300	--	
09/09/93	228.88	6.59	0.00	222.29	-1.33	210	--	ND	ND	ND	ND	--	--	
12/09/93	228.88	6.94	0.00	221.94	-0.35	96	--	ND	ND	ND	ND	--	--	
03/03/94	228.88	4.91	0.00	223.97	2.03	240	--	ND	ND	ND	ND	--	--	
06/03/94	228.88	5.71	0.00	223.17	-0.80	190	--	ND	ND	ND	ND	--	--	
09/02/94	228.88	7.05	0.00	221.83	-1.34	720	--	ND	ND	ND	4.6	--	--	
12/01/94	228.88	6.98	0.00	221.90	0.07	200	--	0.70	ND	0.58	ND	--	--	
03/01/95	228.88	4.60	0.00	224.28	2.38	ND	--	ND	ND	ND	ND	--	--	
06/01/95	228.88	4.65	0.00	224.23	-0.05	420	--	ND	ND	ND	ND	--	--	
09/05/95	228.88	5.66	0.00	223.22	-1.01	ND	--	ND	0.80	ND	0.74	--	--	
12/05/95	228.88	6.32	0.00	222.56	-0.66	ND	--	ND	ND	ND	ND	390	--	
04/11/96	228.88	4.22	0.00	224.66	2.10	--	--	--	--	--	--	--	--	Not Sampled
03/13/97	228.88	6.58	0.00	222.30	-2.36	--	--	--	--	--	--	--	--	
03/02/98	228.88	5.18	0.00	223.70	1.40	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through August 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														
03/25/99	228.88	4.84	0.00	224.04	0.34	--	--	--	--	--	--	--	--	
03/07/00	228.88	4.92	0.00	223.96	-0.08	--	--	--	--	--	--	--	--	
03/28/01	228.88	4.37	0.00	224.51	0.55	--	--	--	--	--	--	--	--	
03/09/02	228.88	4.29	0.00	224.59	0.08	--	--	--	--	--	--	--	--	
03/24/03	228.88	4.24	0.00	224.64	0.05	--	--	--	--	--	--	--	--	
03/26/04	228.88	4.66	0.00	224.22	-0.42	--	--	--	--	--	--	--	--	Monitored only
03/17/05	228.88	4.08	0.00	224.80	0.58	--	--	--	--	--	--	--	--	Monitored only
03/31/06	228.88	4.06	0.00	224.82	0.02	--	--	--	--	--	--	--	--	Monitored only
02/16/07	228.88	4.87	0.00	224.01	-0.81	--	--	--	--	--	--	--	--	Monitored Only
01/21/08	228.88	4.83	0.00	224.05	0.04	--	--	--	--	--	--	--	--	Monitored Only
02/25/09	231.66	4.32	0.00	227.34	3.29	260	--	0.64	ND<0.30	6.9	ND<0.60	220	270	
06/12/09	231.66	5.00	0.00	226.66	-0.68	--	--	--	--	--	--	--	--	Sampled Q1 only
08/19/09	231.66	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-4														
05/23/91	228.08	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/20/91	228.08	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
12/19/91	228.08	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/20/92	228.08	--	--	--	--	--	--	--	--	--	--	--	--	
06/18/92	228.08	--	--	--	--	ND	--	0.41	0.84	ND	0.55	--	--	
09/10/92	228.08	--	--	--	--	--	--	--	--	--	--	--	--	
12/10/92	228.08	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/10/93	228.08	7.24	0.00	220.84	--	ND	--	ND	ND	ND	ND	--	--	
06/09/93	228.08	8.79	0.00	219.29	-1.55	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through August 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														
09/09/93	227.77	9.91	0.00	217.86	-1.43	ND	--	ND	ND	ND	ND	--	--	
12/09/93	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/03/94	227.77	6.98	0.00	220.79	--	ND	--	ND	ND	ND	ND	--	--	
06/03/94	227.77	8.26	0.00	219.51	-1.28	ND	--	ND	ND	ND	ND	--	--	
09/02/94	227.77	10.08	0.00	217.69	-1.82	ND	--	ND	ND	ND	ND	--	--	
12/01/94	227.77	10.01	0.00	217.76	0.07	ND	--	ND	ND	ND	ND	--	--	
03/01/95	227.77	7.29	0.00	220.48	2.72	ND	--	ND	1.1	ND	0.75	--	--	
06/01/95	227.77	7.65	0.00	220.12	-0.36	ND	--	ND	0.78	ND	1.7	--	--	
09/05/95	227.77	9.27	0.00	218.50	-1.62	ND	--	ND	0.70	ND	0.71	--	--	
12/05/95	227.77	9.92	0.00	217.85	-0.65	ND	--	ND	ND	ND	ND	0.68	--	
04/11/96	227.77	7.55	0.00	220.22	2.37	ND	--	ND	ND	ND	ND	ND	--	
03/13/97	227.77	9.84	0.00	217.93	-2.29	ND	--	ND	ND	ND	ND	ND	--	
03/02/98	227.77	8.84	0.00	218.93	1.00	ND	--	ND	ND	ND	ND	ND	--	
03/25/99	227.77	7.46	0.00	220.31	1.38	ND	--	ND	ND	ND	ND	7.6	--	
03/07/00	227.77	7.58	0.00	220.19	-0.12	ND	--	ND	1.11	ND	ND	ND	--	
03/28/01	227.77	7.62	0.00	220.15	-0.04	ND	--	ND	ND	ND	ND	ND	--	
03/09/02	227.77	6.64	0.00	221.13	0.98	270	--	3.1	ND<1.0	5.0	ND<1.0	1200	--	
03/24/03	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/26/04	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/17/05	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/31/06	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
02/16/07	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
01/21/08	227.77	--	--	--	--	--	--	--	--	--	--	--	--	Paved over

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through August 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														
02/25/09	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	
06/12/09	232.55	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
08/19/09	232.55	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
MW-4B														
02/25/09	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	
06/12/09	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	
08/19/09	232.91	10.25	0.00	222.66	-0.21	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
MW-5														
05/23/91	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/20/91	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/10/91	225.42	--	--	--	--	--	--	--	--	--	--	--	--	
12/19/91	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/20/92	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/18/92	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/10/92	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/10/92	225.42	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/10/93	225.42	7.67	0.00	217.75	--	ND	--	ND	ND	ND	ND	--	--	
06/09/93	225.42	8.57	0.00	216.85	-0.90	ND	--	ND	ND	ND	ND	--	--	
09/09/93	225.11	9.12	0.00	215.99	-0.86	ND	--	ND	ND	ND	ND	--	--	
12/09/93	225.11	9.97	0.00	215.14	-0.85	ND	--	ND	ND	ND	ND	--	--	
03/03/94	225.11	7.87	0.00	217.24	2.10	ND	--	ND	ND	0.71	1.7	ND	--	
06/03/94	225.11	9.01	0.00	216.10	-1.14	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through August 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														
09/02/94	225.11	9.23	0.00	215.88	-0.22	ND	--	ND	ND	ND	ND	--	--	
12/01/94	225.11	9.18	0.00	215.93	0.05	ND	--	ND	ND	ND	ND	--	--	
03/01/95	225.11	7.98	0.00	217.13	1.20	ND	--	ND	ND	ND	ND	--	--	
06/01/95	225.11	8.21	0.00	216.90	-0.23	ND	--	ND	ND	ND	ND	--	--	
09/05/95	225.11	9.57	0.00	215.54	-1.36	ND	--	ND	0.95	ND	0.87	--	--	
12/05/95	225.11	9.60	0.00	215.51	-0.03	ND	--	ND	ND	ND	ND	27	--	
04/11/96	225.11	7.48	0.00	217.63	2.12	ND	--	ND	ND	ND	ND	56	--	
03/13/97	225.11	9.56	0.00	215.55	-2.08	ND	--	ND	ND	ND	ND	ND	--	
03/02/98	225.11	8.96	0.00	216.15	0.60	ND	--	ND	ND	ND	ND	ND	--	
03/25/99	225.11	7.53	0.00	217.58	1.43	ND	--	ND	ND	ND	ND	3.9	--	
03/07/00	225.11	7.49	0.00	217.62	0.04	ND	--	ND	1.13	ND	ND	ND	--	
03/28/01	225.11	6.83	0.00	218.28	0.66	ND	--	ND	ND	ND	ND	ND	--	
03/09/02	225.11	5.85	0.00	219.26	0.98	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/24/03	225.11	5.90	0.00	219.21	-0.05	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/26/04	225.11	6.93	0.00	218.18	-1.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/17/05	225.11	6.08	0.00	219.03	0.85	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/31/06	225.11	5.51	0.00	219.60	0.57	--	ND<50	ND<0.50	ND<0.50	1.7	ND<1.0	--	2.9	
02/16/07	225.11	6.05	0.00	219.06	-0.54	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	1.5	2.6	
01/21/08	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	
02/25/09	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	
06/12/09	227.90	7.88	0.00	220.02	-1.57	--	--	--	--	--	--	--	--	Sampled Q1 only
08/19/09	227.90	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Q1 only

MW-6

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through August 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														
05/23/91	239.38	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/20/91	239.38	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
12/19/91	239.38	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/18/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/10/92	239.38	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/10/93	239.38	5.32	0.00	234.06	--	--	--	--	--	--	--	--	--	
06/09/93	239.38	5.94	0.00	233.44	-0.62	ND	--	ND	ND	ND	ND	--	--	
09/09/93	239.04	6.82	0.00	232.22	-1.22	--	--	--	--	--	--	--	--	
12/09/93	239.04	7.43	0.00	231.61	-0.61	150	--	ND	ND	ND	1.7	--	--	
03/03/94	239.04	6.45	0.00	232.59	0.98	--	--	--	--	--	--	--	--	
06/03/94	239.04	5.81	0.00	233.23	0.64	ND	--	ND	ND	ND	ND	--	--	
09/02/94	239.04	6.98	0.00	232.06	-1.17	--	--	--	--	--	--	--	--	
12/01/94	239.04	6.92	0.00	232.12	0.06	ND	--	ND	ND	ND	ND	--	--	
03/01/95	239.04	5.17	0.00	233.87	1.75	--	--	--	--	--	--	--	--	
06/01/95	239.04	4.76	0.00	234.28	0.41	ND	--	ND	0.70	ND	1.7	--	--	
09/05/95	239.04	5.69	0.00	233.35	-0.93	--	--	--	--	--	--	--	--	
12/05/95	239.04	6.75	0.00	232.29	-1.06	ND	--	ND	ND	ND	ND	1.4	--	
04/11/96	239.04	4.28	0.00	234.76	2.47	--	--	--	--	--	--	--	--	Not Sampled
03/13/97	239.04	7.05	0.00	231.99	-2.77	--	--	--	--	--	--	--	--	
03/02/98	239.04	5.14	0.00	233.90	1.91	--	--	--	--	--	--	--	--	
03/25/99	239.04	5.05	0.00	233.99	0.09	--	--	--	--	--	--	--	--	
03/07/00	239.04	5.15	0.00	233.89	-0.10	--	--	--	--	--	--	--	--	
03/28/01	239.04	5.17	0.00	233.87	-0.02	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through August 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														
03/09/02	239.04	5.13	0.00	233.91	0.04	--	--	--	--	--	--	--	--	
03/24/03	239.04	5.13	0.00	233.91	0.00	--	--	--	--	--	--	--	--	
03/26/04	239.04	5.10	0.00	233.94	0.03	--	--	--	--	--	--	--	--	Monitored only
03/17/05	239.04	4.09	0.00	234.95	1.01	--	--	--	--	--	--	--	--	Monitored only
03/31/06	239.04	2.99	0.00	236.05	1.10	--	--	--	--	--	--	--	--	Monitored only
02/16/07	239.04	4.07	0.00	234.97	-1.08	--	--	--	--	--	--	--	--	Monitored Only
01/21/08	239.04	4.47	0.00	234.57	-0.40	--	--	--	--	--	--	--	--	Monitored Only
02/25/09	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	
06/12/09	241.74	5.25	0.00	236.49	-1.52	--	--	--	--	--	--	--	--	Sampled Q1 only
08/19/09	241.74	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-7														
05/23/91	231.66	--	--	--	--	3000	--	160	1.2	25	120	--	--	
09/20/91	231.66	--	--	--	--	1400	--	160	0.75	89	130	--	--	
12/19/91	231.66	--	--	--	--	3900	--	240	2.4	280	270	--	--	
03/20/92	231.66	--	--	--	--	11000	--	980	ND	990	1600	--	--	
06/18/92	231.66	--	--	--	--	5500	--	340	4.2	380	410	--	--	
09/10/92	231.66	--	--	--	--	2100	--	160	1.9	140	150	--	--	
12/10/92	231.66	--	--	--	--	1200	--	28	ND	37	13	--	--	
03/10/93	231.66	7.69	0.00	223.97	--	4400	--	310	ND	300	330	--	--	
06/09/93	231.66	8.59	0.00	223.07	-0.90	4600	--	430	ND	510	430	--	--	
09/09/93	231.39	10.11	0.00	221.28	-1.79	2600	--	160	19	250	120	--	--	
12/09/93	231.39	10.65	0.00	220.74	-0.54	980	--	54	4.6	71	5.6	--	--	
03/03/94	231.39	8.17	0.00	223.22	2.48	9300	--	290	ND	590	400	1.7	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through August 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														
06/03/94	231.39	8.73	0.00	222.66	-0.56	9400	--	380	5	820	240	--	--	
09/02/94	231.39	11.00	0.00	220.39	-2.27	3800	--	77	ND	180	42	--	--	
12/01/94	231.39	10.95	0.00	220.44	0.05	3100	--	80	ND	250	190	--	--	
03/01/95	231.39	8.03	0.00	223.36	2.92	3300	--	200	3.9	300	350	--	--	
06/01/95	231.39	7.92	0.00	223.47	0.11	3900	--	170	ND	400	430	--	--	
09/05/95	231.39	8.61	0.00	222.78	-0.69	710	--	32	ND	85	33	--	--	
12/05/95	231.39	9.69	0.00	221.70	-1.08	400	--	23	ND	34	16	1600	--	
12/08/95	231.39	9.59	0.00	221.80	0.10	--	--	--	--	--	--	--	--	
04/11/96	231.39	7.31	0.00	224.08	2.28	1500	--	52	ND	160	130	1500	--	
03/13/97	231.39	9.48	0.00	221.91	-2.17	460	--	13	ND	31	4.0	430	--	
03/02/98	231.39	7.93	0.00	223.46	1.55	1800	--	63	ND	240	60	790	--	
03/25/99	231.39	7.25	0.00	224.14	0.68	380	--	6.4	ND	10	4.9	1200	--	
03/07/00	231.39	7.12	0.00	224.27	0.13	199	--	3.51	ND	3.30	0.697	1250	--	
03/28/01	231.39	6.92	0.00	224.47	0.20	734	--	19.6	0.514	23.3	6.13	1070	1260	
03/09/02	231.39	6.48	0.00	224.91	0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/24/03	231.39	6.42	0.00	224.97	0.06	--	--	ND<10	ND<10	ND<10	ND<20	--	1600	
03/26/04	231.39	7.25	0.00	224.14	-0.83	2800	--	34	ND<25	120	33	1200	--	
03/17/05	231.39	7.02	0.00	224.37	0.23	2700	--	ND<5.0	ND<5.0	160	15	940	--	
03/31/06	231.39	6.74	0.00	224.65	0.28	--	450	8.7	ND<2.5	33	ND<5.0	--	260	
02/16/07	231.39	6.95	0.00	224.44	-0.21	1600	--	11	ND<0.30	61	4.2	350	410	
01/21/08	231.39	7.21	0.00	224.18	-0.26	1300	--	11	ND<0.60	45	ND<1.2	250	240	
02/25/09	234.13	6.61	0.00	227.52	3.34	1000	--	15	0.70	70	ND<0.60	130	170	
06/12/09	234.13	7.51	0.00	226.62	-0.90	--	--	--	--	--	--	--	--	Sampled Q1 only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through August 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														
08/19/09	234.13	--	--	--	--	--	--	--	--	--	--	--	--	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												
02/25/09	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
MW-4												
04/11/96	--	--	--	ND	--	--	--	--	--	--	--	--
03/13/97	--	--	--	ND	--	--	--	--	--	--	--	--
03/02/98	--	--	--	ND	--	--	--	--	--	--	--	--
03/25/99	--	--	--	ND	--	--	--	--	--	--	--	--
03/07/00	--	--	--	ND	--	--	--	--	--	ND	--	--
03/28/01	--	--	--	ND	--	--	--	--	--	ND	--	--
03/09/02	--	--	--	ND<2.5	--	--	--	--	--	ND<2.5	--	--
03/24/03	--	--	--		--	--	--	--	--	--	--	--
MW-4A												
02/25/09	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
MW-4B												
02/25/09	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
06/12/09	--	ND<10	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
08/19/09	--	ND<10	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
MW-5												
09/20/91	450	--	--	--	--	--	--	--	--	--	--	--
10/10/91	ND	--	--	--	--	--	--	--	--	--	--	--
03/20/92	170	--	--	--	--	--	--	--	--	--	--	--
06/18/92	ND	--	--	--	--	--	--	--	--	--	--	--
09/10/92	110	--	--	--	--	--	--	--	--	--	--	--
12/10/92	83	--	--	--	--	--	--	--	--	--	--	--
03/10/93	69	--	--	ND	--	--	--	--	--	--	--	--

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												
06/09/93	64	--	--	ND	--	--	--	--	--	--	--	--
09/09/93	58	--	--	ND	--	--	--	--	--	--	--	--
12/09/93	87	--	--	ND	--	--	--	--	--	--	--	--
03/03/94	ND	--	--	ND	--	--	--	--	--	--	--	--
06/03/94	80	--	--	ND	--	--	--	--	--	--	--	--
09/02/94	130	--	--	ND	--	--	--	--	--	--	--	--
12/01/94	79	--	--	ND	--	--	--	--	--	--	--	--
03/01/95	ND	--	--	ND	--	--	--	--	--	--	--	--
06/01/95	57	--	--	ND	--	--	--	--	--	--	--	--
09/05/95	210	--	--	ND	--	--	--	--	--	--	--	--
12/05/95	170	--	--	ND	--	--	--	--	--	--	--	--
04/11/96	--	--	--	ND	--	--	--	--	--	--	--	--
03/13/97	--	--	--	ND	--	--	--	--	--	--	--	--
03/02/98	--	--	--	ND	--	--	--	--	--	--	--	--
03/25/99	--	--	--	ND	--	--	--	--	--	--	--	--
03/07/00	--	--	--	ND	--	--	--	--	--	7.16	--	--
03/28/01	--	--	--	ND	--	--	--	--	--	ND	--	--
03/09/02	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	--	--
03/24/03	--	--	--	ND<0.50	--	--	--	--	--		--	--
03/26/04	--	--	--	ND<0.50	--	--	--	--	ND<2.0	ND<0.50	ND<2.0	ND<1.0
03/17/05	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
03/31/06	--	--	ND<0.50	ND<0.50	--	--	--	--	--	ND<0.50	ND<1.0	ND<1.0
02/16/07	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/21/08	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
02/25/09	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0

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												
02/25/09	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
MW-7												
05/23/91	540	--	--	3.4	--	--	--	ND	--	--	--	--
09/20/91	580	--	--	ND	--	--	--	ND	--	--	--	--
12/19/91	770	--	--	3.1	--	--	--	ND	--	--	--	--
03/20/92	3200	--	--	ND	--	--	--	ND	--	--	--	--
06/18/92	990	--	--	ND	--	--	--	ND	--	--	--	--
09/10/92	290	--	--	2.3	--	--	--	--	--	--	--	--
12/10/92	200	--	--	2.0	--	--	--	--	--	--	--	--
03/10/93	1100	--	--	1.3	--	--	--	--	--	--	--	--
06/09/93	830	--	--	1.3	--	--	--	--	--	--	--	--
09/09/93	550	--	--	1.5	--	--	--	--	--	--	--	--
12/09/93	250	--	--	1.5	--	--	--	--	--	--	--	--
03/03/94	1400	--	--	1.7	--	--	--	--	--	--	--	--
06/03/94	2000	--	--	1.4	--	--	--	--	--	--	--	--
09/02/94	490	--	--	1.1	--	--	--	--	--	--	--	--
12/01/94	260	--	--	1.0	--	--	--	--	--	--	--	--
03/01/95	1900	--	--	1.6	--	--	--	--	--	--	--	--
06/01/95	1600	--	--	1.4	--	--	--	--	--	--	--	--
09/05/95	ND	--	--	1.8	--	--	--	--	--	--	--	--
12/05/95	110	--	--	ND	--	--	--	--	--	--	--	--
04/11/96	--	--	--	0.75	--	--	--	--	--	--	--	--
03/13/97	--	--	--	ND	--	--	--	--	--	--	--	--
03/02/98	--	--	--	0.92	--	--	--	--	--	--	--	--
03/25/99	--	--	--	ND	--	--	--	--	--	--	--	--

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												
03/07/00	--	--	--	ND	--	--	--	--	--	ND	--	--
03/28/01	--	ND	ND	ND	ND	ND	ND	--	--	ND	--	--
03/09/02	--	--	--	ND<0.50	--	--	--	--	--	ND<0.50	--	--
03/24/03	--	--	--	0.98	--	--	--	--	--	ND<0.50	--	--
03/26/04	--	--	--	ND<10	--	--	--	--	ND<2.0	ND<10	ND<40	ND<20
03/17/05	--	--	--	ND<10	--	--	--	--	--	ND<10	ND<40	ND<20
03/31/06	--	--	ND<2.5	ND<2.5	--	--	--	--	--	ND<2.5	ND<5.0	ND<5.0
02/16/07	--	--	--	0.66	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/21/08	--	--	--	0.77	--	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
02/25/09	--	--	--	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												
02/25/09	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												
03/07/00	--	--	--	--	87.1	--	--	--	--	--	--	--
03/28/01	--	--	--	--	ND	--	--	--	--	--	--	--
MW-4A												
02/25/09	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												
02/25/09	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
06/12/09	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
08/19/09	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												
03/07/00	--	--	--	--	69.7	--	--	--	--	--	--	--
03/28/01	--	--	--	--	ND	--	--	--	--	--	--	--
03/09/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/24/03	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/17/05	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
03/31/06	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
02/16/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/21/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/25/09	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												
02/25/09	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2 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												
03/07/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/28/01	--	--	--	--	ND	--	--	--	--	--	--	--
03/09/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/24/03	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/26/04	ND<10	ND<10	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10
03/17/05	ND<10	ND<10	ND<20	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<20	ND<10
03/31/06	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
02/16/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/21/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
02/25/09	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

Date Sampled	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												
02/25/09	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												
04/11/96	--	--	--	--	--	--	--	--	ND	--	--	--
03/13/97	--	--	--	--	--	--	--	--	ND	--	--	--
03/25/99	--	--	--	--	--	--	--	--	ND	--	--	--
03/07/00	--	--	--	--	--	--	--	--	ND	--	--	--
03/28/01	--	--	--	--	--	--	--	--	ND	--	--	--
03/09/02	--	--	--	--	--	--	--	--	ND<5.0	--	--	--
MW-4A												
02/25/09	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												
02/25/09	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
06/12/09	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
08/19/09	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												
03/10/93	--	--	--	--	--	--	--	--	ND	--	--	--
04/11/96	--	--	--	--	--	--	--	--	ND	--	--	--
03/13/97	--	--	--	--	--	--	--	--	ND	--	--	--
03/25/99	--	--	--	--	--	--	--	--	ND	--	--	--
03/07/00	--	--	--	--	--	--	--	--	ND	--	--	--
03/28/01	--	--	--	--	--	--	--	--	ND	--	--	--
03/09/02	--	--	--	--	--	--	--	--	ND<5.0	--	--	--
03/24/03	--	--	--	--	--	--	--	--	ND<2.0	--	--	--
03/26/04	ND<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

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												
03/17/05	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
03/31/06	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
02/16/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	--	ND<0.50	ND<0.50	ND<0.50
01/21/08	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
02/25/09	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												
02/25/09	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												
03/10/93	--	--	--	--	--	--	--	--	83	--	--	--
06/09/93	--	--	--	--	--	--	--	--	83	--	--	--
09/09/93	--	--	--	--	--	--	--	--	48	--	--	--
12/09/93	--	--	--	--	--	--	--	--	15	--	--	--
03/03/94	--	--	--	--	--	--	--	--	130	--	--	--
06/03/94	--	--	--	--	--	--	--	--	61	--	--	--
09/02/94	--	--	--	--	--	--	--	--	ND	--	--	--
12/01/94	--	--	--	--	--	--	--	--	2.5	--	--	--
03/01/95	--	--	--	--	--	--	--	--	120	--	--	--
06/01/95	--	--	--	--	--	--	--	--	83	--	--	--
09/05/95	--	--	--	--	--	--	--	--	7.0	--	--	--
12/08/95	--	--	--	--	--	--	--	--	14	--	--	--
04/11/96	--	--	--	--	--	--	--	--	42	--	--	--
03/13/97	--	--	--	--	--	--	--	--	9.0	--	--	--
03/25/99	--	--	--	--	--	--	--	--	ND	--	--	--
03/07/00	--	--	--	--	--	--	--	--	ND	--	--	--
03/28/01	--	--	--	--	--	--	--	--	7.7	--	--	--

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												
03/09/02	--	--	--	--	--	--	--	--	ND<5.0	--	--	--
03/26/04	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2.0	ND<100	17	ND<10	ND<10	ND<10
03/17/05	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND<100	--	ND<10	ND<10	ND<10
03/31/06	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
02/16/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<1.0	--	ND<0.50	ND<0.50	ND<0.50
01/21/08	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
02/25/09	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

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												
02/25/09	--	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												
02/25/09	--	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												
02/25/09	--	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
06/12/09	--	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
08/19/09	--	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												
03/26/04	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
03/17/05	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	--	--	--	--	--	--
03/31/06	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
02/16/07	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
01/21/08	--	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
02/25/09	--	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												
02/25/09	--	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												
03/26/04	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
03/17/05	--	ND<10	ND<10	ND<10	ND<20	ND<10	--	--	--	--	--	--
03/31/06	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
02/16/07	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
01/21/08	--	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
02/25/09	--	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

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												
02/25/09	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												
04/11/96	--	--	--	--	--	--	--	ND	--	--	--	--
03/13/97	--	--	--	--	--	--	--	ND	--	--	--	--
03/25/99	--	--	--	--	--	--	--	ND	--	--	--	--
03/07/00	--	--	--	--	--	--	--	ND	--	--	--	--
03/28/01	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/02	--	--	--	--	--	--	--	ND<10	--	--	--	--
MW-4A												
02/25/09	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												
02/25/09	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
06/12/09	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
08/19/09	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												
03/10/93	--	--	--	--	--	--	--	ND	--	--	--	--
04/11/96	--	--	--	--	--	--	--	ND	--	--	--	--
03/13/97	--	--	--	--	--	--	--	740	--	--	--	--
03/25/99	--	--	--	--	--	--	--	ND	--	--	--	--
03/07/00	--	--	--	--	--	--	--	ND	--	--	--	--
03/28/01	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/02	--	--	--	--	--	--	--	ND<10	--	--	--	--
03/24/03	--	--	--	--	--	--	--	ND<10	--	--	--	--
03/26/04	ND<2.0	ND<2.0	--	--	--	--	--	ND<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-5 continued												
03/31/06	ND<2.1	ND<2.1	ND<10	ND<5.2	ND<5.2	--	ND<2.1	ND<10	ND<5.2	ND<5.2	ND<5.2	ND<2.1
02/16/07	ND<2.0	ND<2.0	ND<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
01/21/08	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
02/25/09	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												
02/25/09	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												
03/10/93	--	--	--	--	--	--	--	13	--	--	--	--
06/09/93	--	--	--	--	--	--	--	13	--	--	--	--
09/09/93	--	--	--	--	--	--	--	ND	--	--	--	--
12/09/93	--	--	--	--	--	--	--	ND	--	--	--	--
03/03/94	--	--	--	--	--	--	--	ND	--	--	--	--
06/03/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/02/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/01/94	--	--	--	--	--	--	--	ND	--	--	--	--
03/01/95	--	--	--	--	--	--	--	ND	--	--	--	--
06/01/95	--	--	--	--	--	--	--	ND	--	--	--	--
09/05/95	--	--	--	--	--	--	--	ND	--	--	--	--
12/08/95	--	--	--	--	--	--	--	ND	--	--	--	--
04/11/96	--	--	--	--	--	--	--	ND	--	--	--	--
03/13/97	--	--	--	--	--	--	--	120	--	--	--	--
03/25/99	--	--	--	--	--	--	--	ND	--	--	--	--
03/07/00	--	--	--	--	--	--	--	ND	--	--	--	--
03/28/01	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/02	--	--	--	--	--	--	--	ND<10	--	--	--	--

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												
03/24/03	--	--	--	--	--	--	--	ND<10	--	--	--	--
03/26/04	ND<2.0	ND<2.0	--	--	--	--	--	ND<10	--	--	--	--
03/31/06	ND<2.1	ND<2.1	ND<10	ND<5.2	ND<5.2	--	ND<2.1	ND<10	ND<5.2	ND<5.2	ND<5.2	ND<2.1
02/16/07	ND<2.0	ND<2.0	ND<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
01/21/08	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
02/25/09	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												
02/25/09	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												
02/25/09	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												
02/25/09	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
06/12/09	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
08/19/09	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												
03/26/04	--	--	--	ND<2.0	ND<2.0	--	--	--	--	--	--	--
03/31/06	ND<2.1	ND<2.1	ND<5.2	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<5.2	ND<2.1	ND<5.2
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0
01/21/08	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
02/25/09	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												
02/25/09	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												
03/26/04	--	--	--	ND<2.0	ND<2.0	--	--	--	--	--	--	--
03/31/06	ND<2.1	ND<2.1	ND<5.2	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<2.1	ND<5.2	ND<2.1	ND<5.2
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<3.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0
01/21/08	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
02/25/09	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

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												
02/25/09	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												
02/25/09	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												
02/25/09	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
06/12/09	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
08/19/09	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												
03/26/04	--	--	--	--	--	--	--	ND<2.0	ND<2.0	--	--	--
03/31/06	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
02/16/07	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
01/21/08	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
02/25/09	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												
02/25/09	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												
03/26/04	--	--	--	--	--	--	--	ND<2.0	ND<2.0	--	--	--
03/31/06	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
02/16/07	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
01/21/08	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
02/25/09	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

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												
02/25/09	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												
04/11/96	--	--	--	--	ND	--	--	--	--	--	--	--
03/13/97	--	--	--	--	ND	--	--	--	--	--	--	--
03/25/99	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/28/01	--	--	--	--	ND	--	--	--	--	--	--	--
03/09/02	--	--	--	--	ND<5.0	--	--	--	--	--	--	--
MW-4A												
02/25/09	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												
02/25/09	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
06/12/09	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
08/19/09	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												
03/10/93	--	--	--	--	ND	--	--	--	--	--	--	--
04/11/96	--	--	--	--	ND	--	--	--	--	--	--	--
03/13/97	--	--	--	--	ND	--	--	--	--	--	--	--
03/25/99	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/28/01	--	--	--	--	ND	--	--	--	--	--	--	--
03/09/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/24/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--
03/26/04	--	ND<2.0	--	--	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--

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												
03/31/06	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
02/16/07	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
01/21/08	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
02/25/09	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												
02/25/09	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												
03/10/93	--	--	--	--	19	--	--	--	--	--	--	--
06/09/93	--	--	--	--	19	--	--	--	--	--	--	--
09/09/93	--	--	--	--	11	--	--	--	--	--	--	--
12/09/93	--	--	--	--	ND	--	--	--	--	--	--	--
03/03/94	--	--	--	--	34	--	--	--	--	--	--	--
06/03/94	--	--	--	--	18	--	--	--	--	--	--	--
09/02/94	--	--	--	--	ND	--	--	--	--	--	--	--
12/01/94	--	--	--	--	ND	--	--	--	--	--	--	--
03/01/95	--	--	--	--	40	--	--	--	--	--	--	--
06/01/95	--	--	--	--	13	--	--	--	--	--	--	--
09/05/95	--	--	--	--	ND	--	--	--	--	--	--	--
12/08/95	--	--	--	--	ND	--	--	--	--	--	--	--
04/11/96	--	--	--	--	7.6	--	--	--	--	--	--	--
03/13/97	--	--	--	--	ND	--	--	--	--	--	--	--
03/25/99	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/28/01	--	--	--	--	ND	--	--	--	--	--	--	--
03/09/02	--	--	--	--	ND<5.0	--	--	--	--	--	--	--

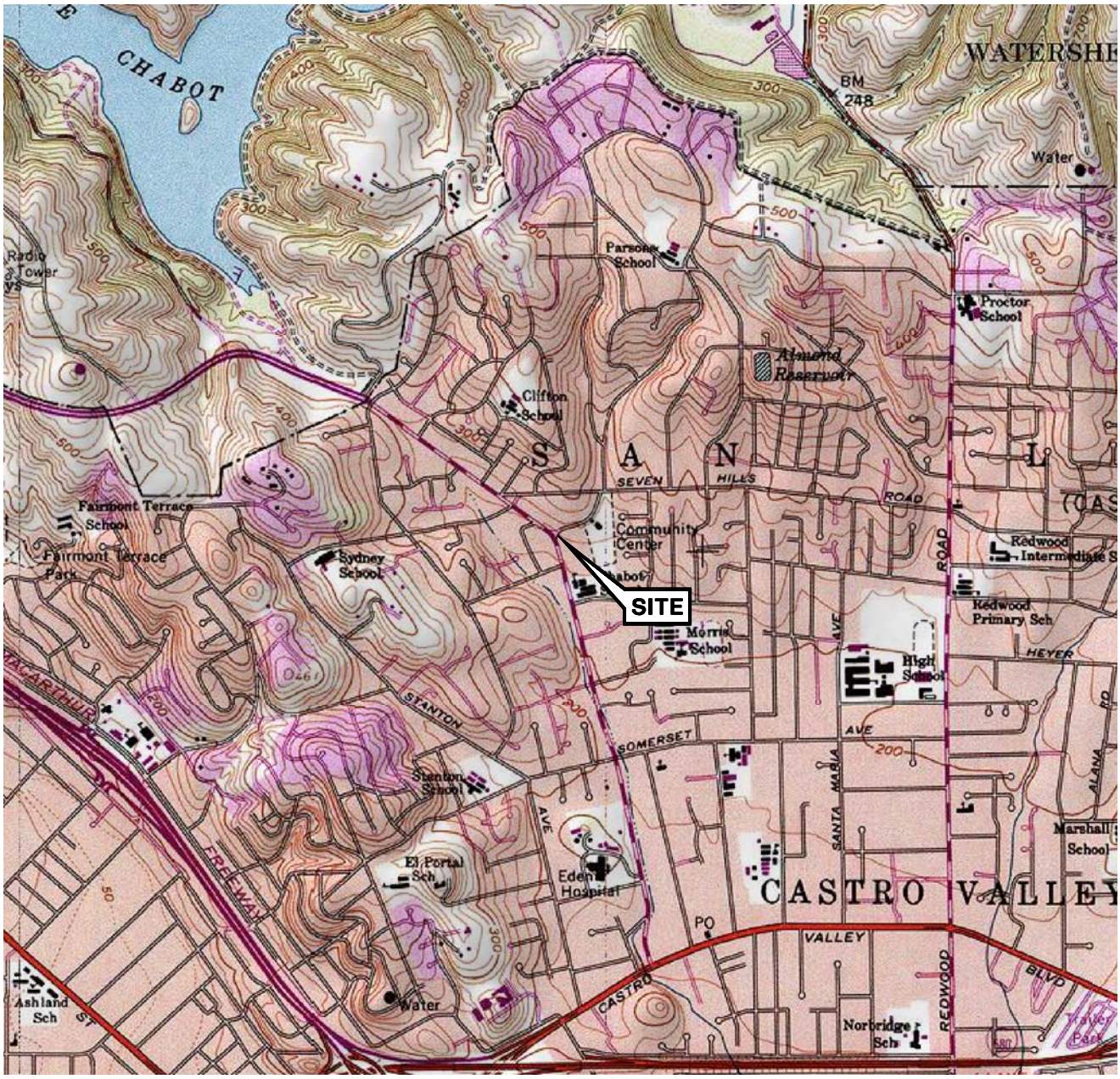
Table 2 h
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5484

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												
03/24/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--
03/26/04	--	ND<2.0	--	--	23	ND<2.0	ND<2.0	--	--	--	--	--
03/31/06	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
02/16/07	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
01/21/08	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
02/25/09	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												
02/25/09	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												
02/25/09	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												
02/25/09	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
06/12/09	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
08/19/09	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												
03/26/04	--	--	--	--	--	--	ND<2.0	--	ND<2.0	--	--	--
03/31/06	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
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<5.0
01/21/08	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
02/25/09	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												
02/25/09	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												
03/26/04	--	--	--	--	--	--	ND<2.0	--	ND<2.0	--	--	--
03/31/06	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
02/16/07	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<5.0	ND<5.0
01/21/08	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
02/25/09	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

FIGURES



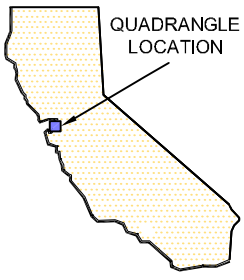
N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Hayward Quadrangle

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

SCALE 1: 24,000



TRC

FACILITY:

76 STATION 5484
18950 LAKE CHABOT ROAD
CASTRO VALLEY, CALIFORNIA

VICINITY MAP

FIGURE 1

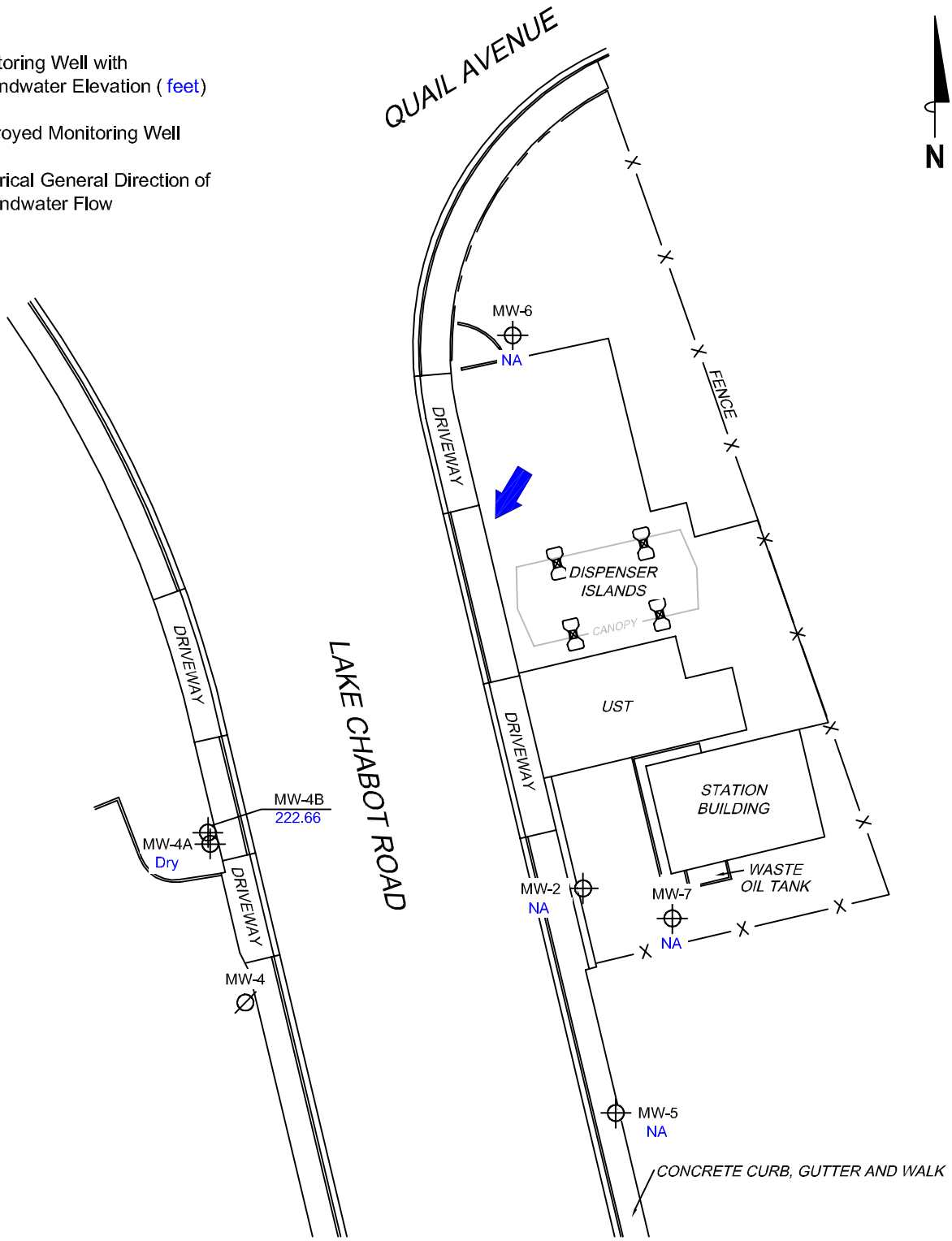
PS=1:1 L:\QMS VICINITY MAPS\5484vm.dwg Aug 12, 2009 - 9:28am aakers

LEGEND

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

MW-4 ∅ Destroyed Monitoring Well

Historical General Direction of Groundwater Flow



NOTES:

Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected.
UST = underground storage tank.

SCALE (FEET)

0 40

TRC

PROJECT: 165521

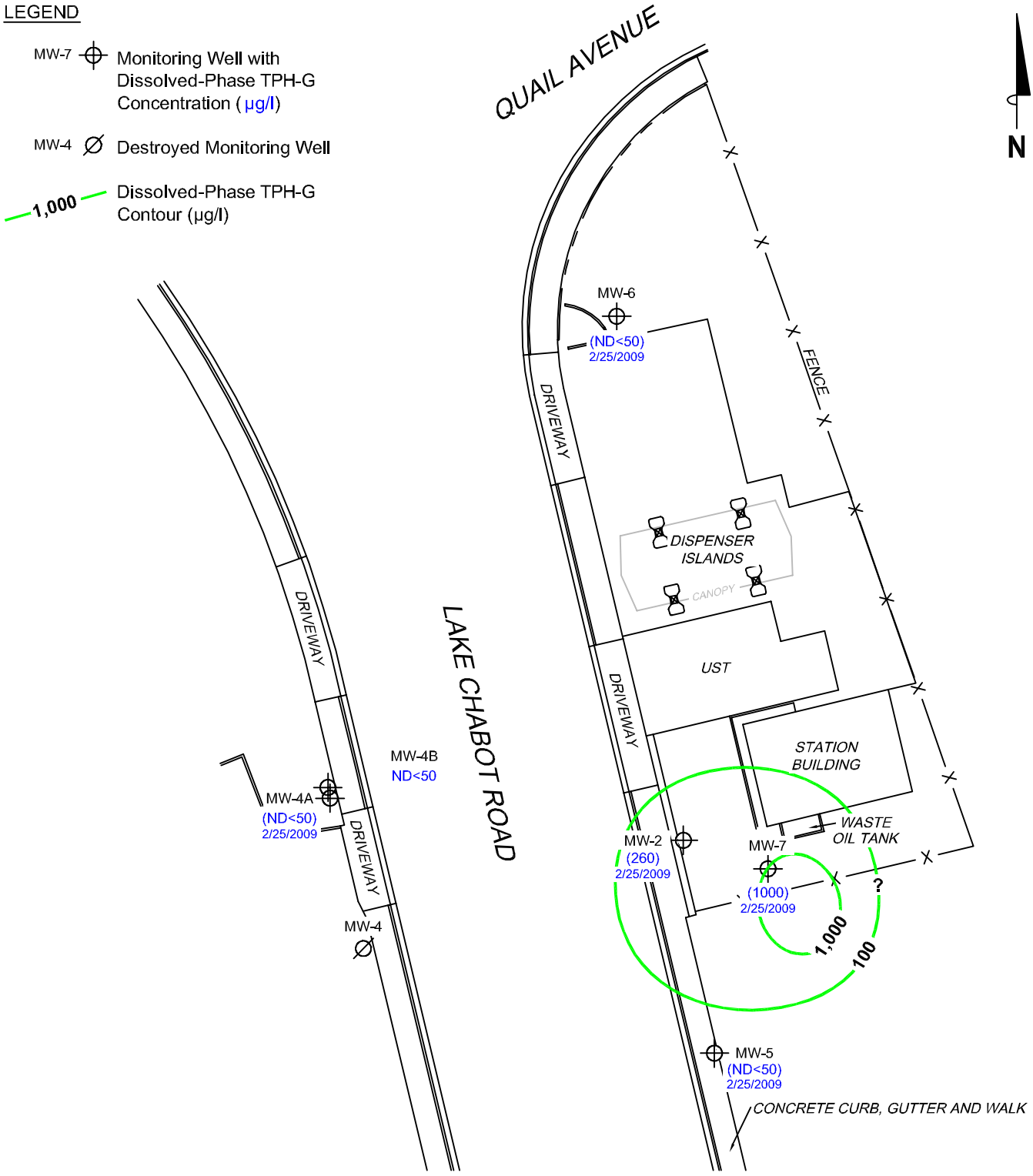
FACILITY:
76 STATION 5484
18950 LAKE CHABOT ROAD
CASTRO VALLEY, CALIFORNIA

GROUNDWATER ELEVATION MAP
August 19, 2009

FIGURE 2

L:\Graphics\QMS NORTH-SOUTH\x-5000\5484+\5484-QMS.dwg Sep 15, 2009 - 8:22am aakers

MS=1:1 5484-003



NOTES:

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

SCALE (FEET)

0 40

TRC

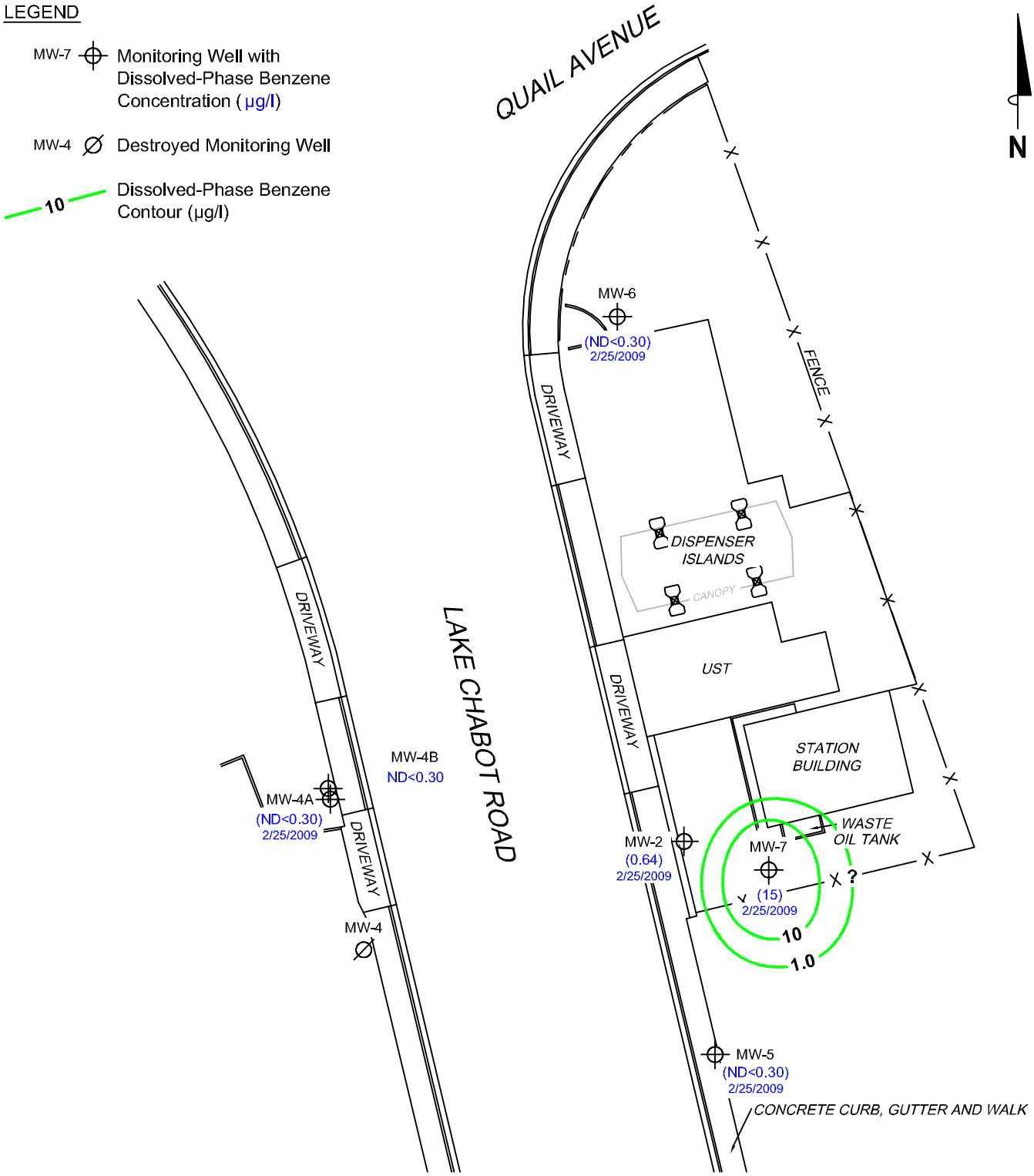
PROJECT: 165521

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

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
August 19, 2009

FIGURE 3

MS=1:1 5484-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5484+\5484-QMS.dwg Sep 15, 2009 - 8:23am aakers



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
( ) = representative historical value. UST = underground storage tank.

SCALE (FEET)
0 40

TRC

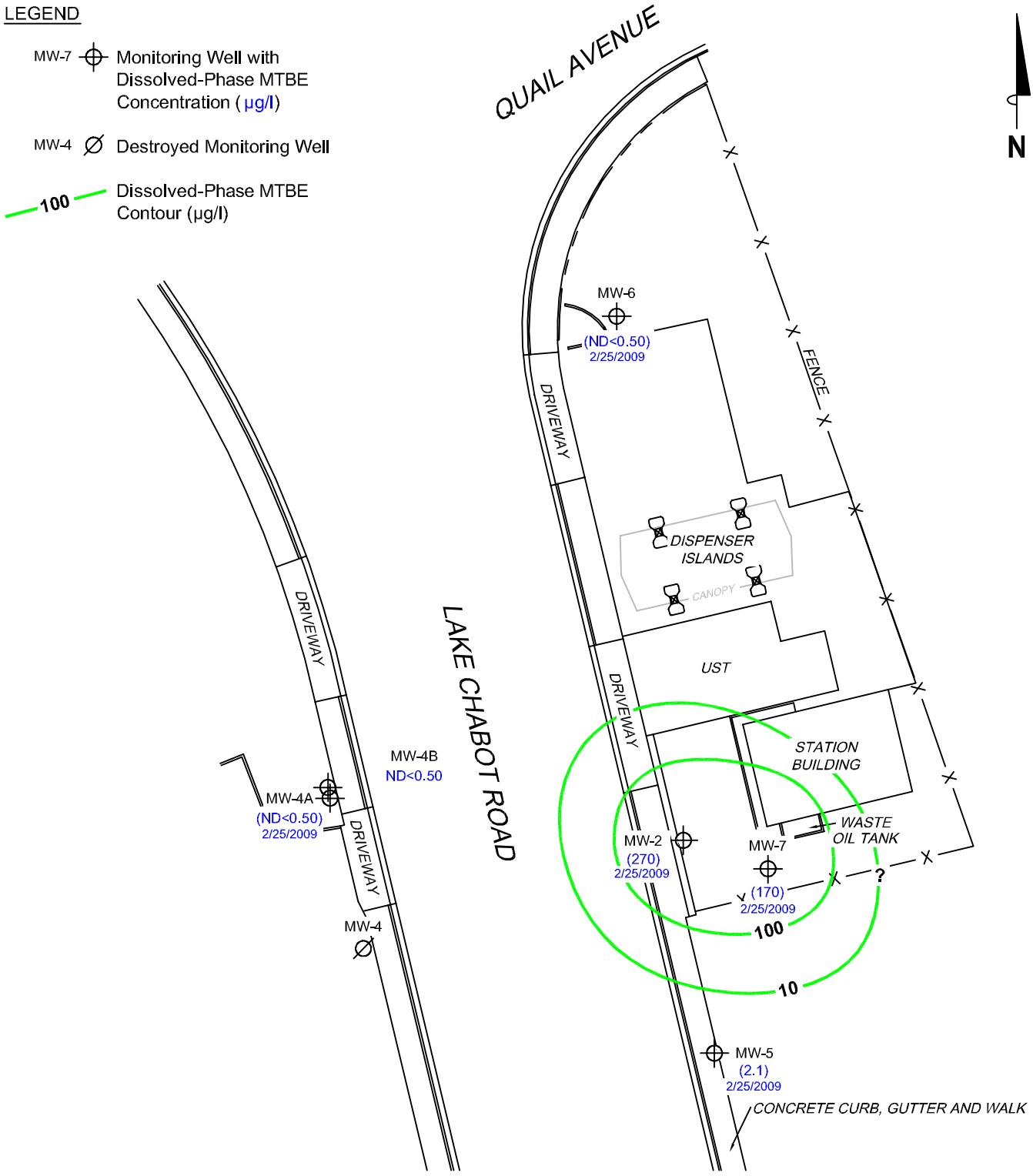
PROJECT: 165521

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
August 19, 2009

FIGURE 4

MS=1:1 5484-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5484+\5484-QMS.dwg Sep 15, 2009 - 8:23am aakers



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. 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

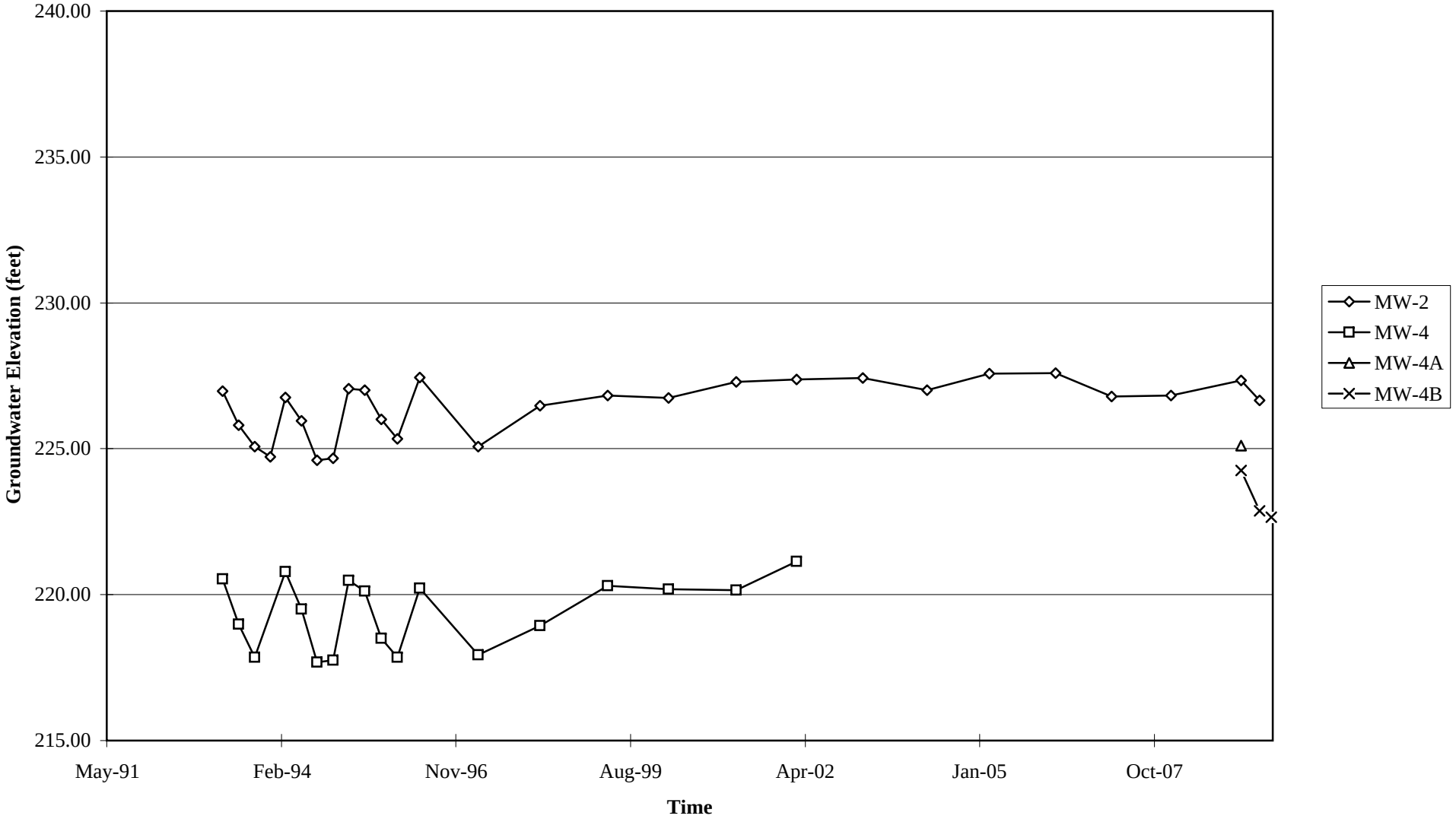
DISSOLVED-PHASE MTBE CONCENTRATION MAP
August 19, 2009

FIGURE 5

MS=1:1 5484-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5484+\5484-QMS.dwg Sep 15, 2009 - 8:23am aakers

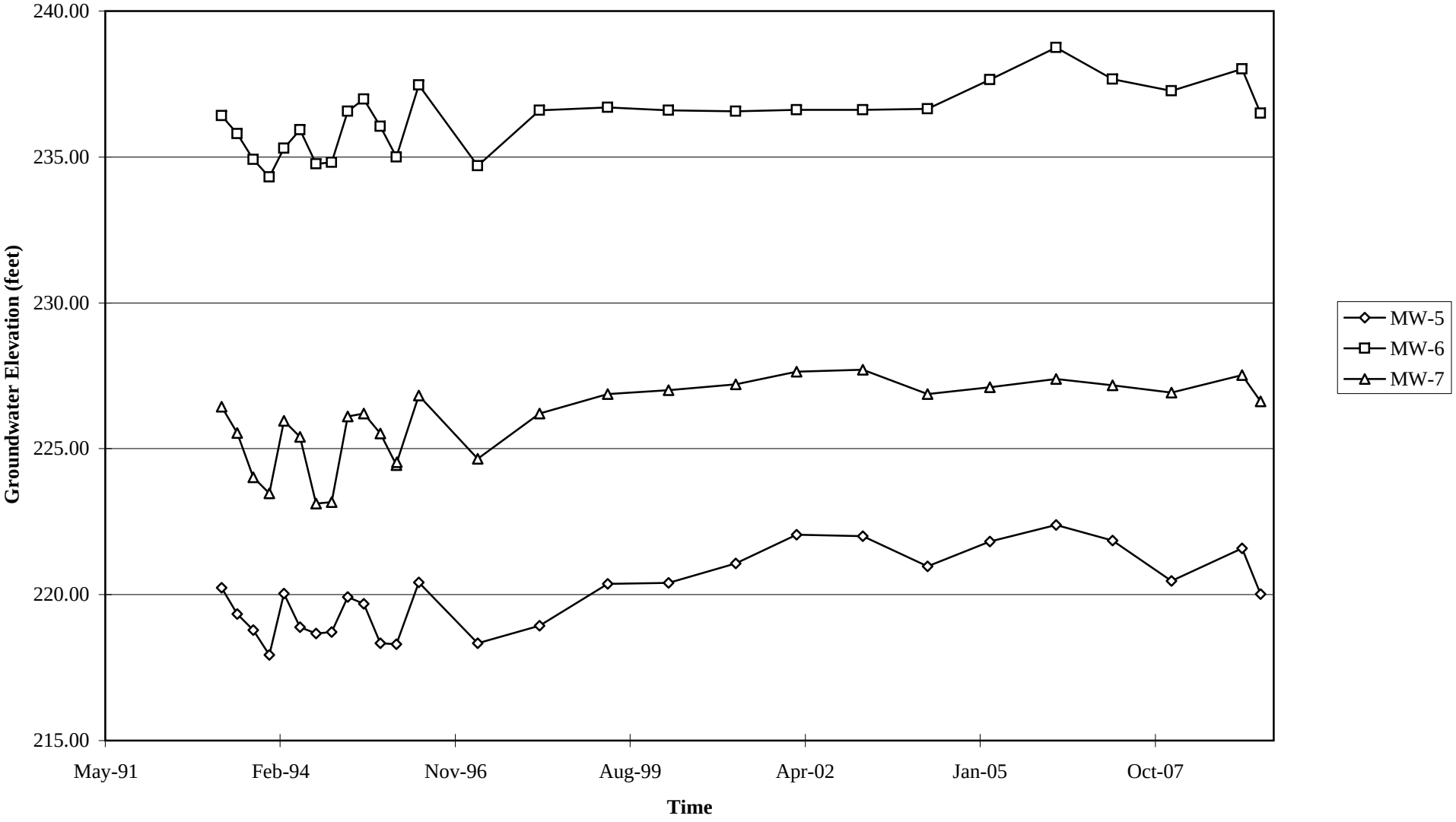
GRAPHS

Groundwater Elevations vs. Time
76 Station 5484



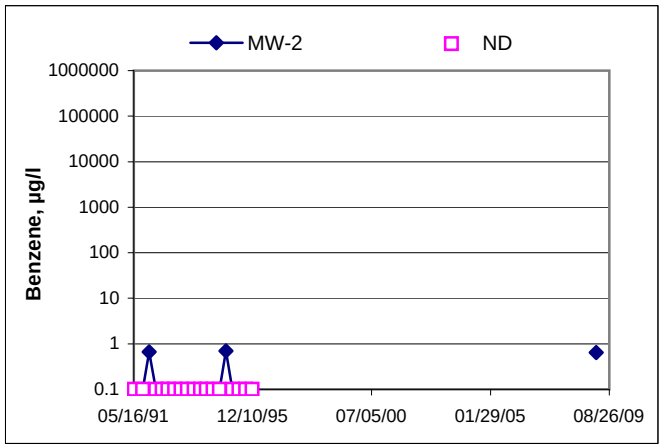
Elevations may have been corrected for apparent changes due to resurvey

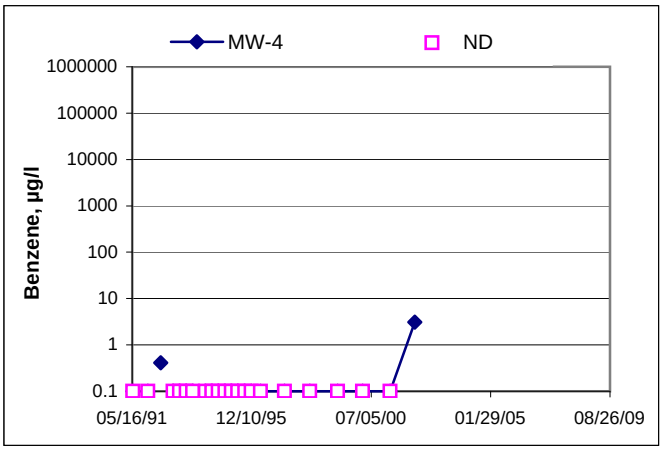
Groundwater Elevations vs. Time
76 Station 5484

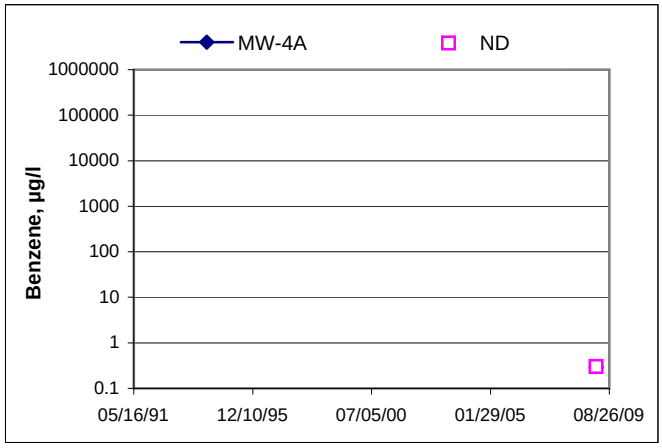


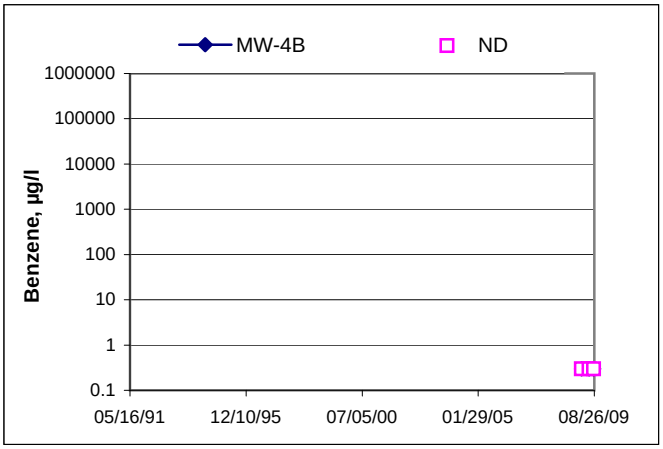
Elevations may have been corrected for apparent changes due to resurvey

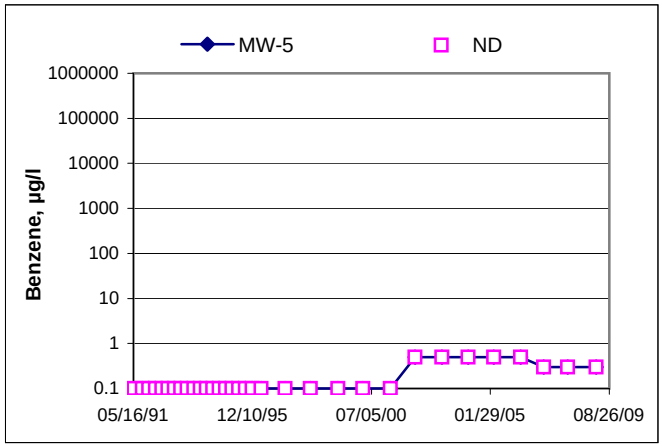
Benzene Concentrations vs Time
76 Station 5484

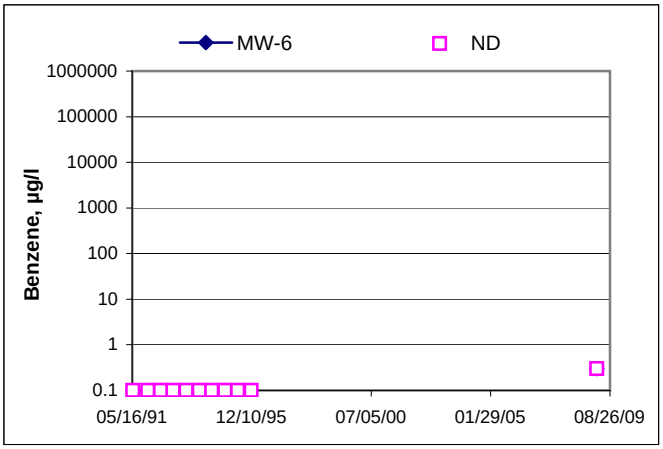


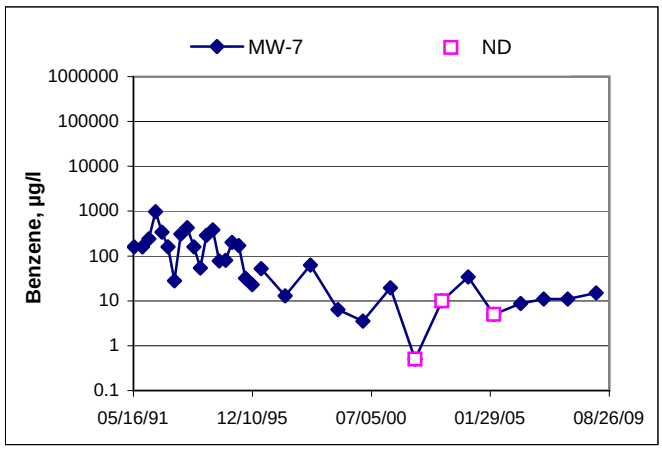












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted 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 activities. 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: Basile Job #/Task #: 165501 FA20 Date: 8-19-09

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-4A	✓	1305	9.42	—	—	—	N/S	2" Dry well
MW-4B	✓	1315	13.99	10.25	—	—	1350	2"

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

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 5484 Project No: 165581 Date: 8-19-05

Well No. MW-4B Purge Method: HS

Depth to Water (feet): 10.25 Depth to Product (feet): —

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

Water Column (feet): 3.74 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 10.99 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F ℃)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
1323			1	1605	21.7	7.20			
			2	1622	21.1	7.23			
	1327		3	1613	20.9	7.21			

Static at Time Sampled	Total Gallons Purged	Sample Time
10.99	3	1350

Comments:

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: 8-19-09 SITE ID: 5484

TECH: Basilio CALLED SUPERVISOR: YES / NO

CALLED PM: (YES) / NO NAME OF PM: Rick Rodriguez

WELL ID: MW-4A Dry Well

WELL ID:

WELL ID:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 09/03/2009

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 5484
BC Work Order: 0911048
Invoice ID: B067421

Enclosed are the results of analyses for samples received by the laboratory on 8/20/2009. 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:** 09/03/2009 8:28

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0911048-01	**COC Number:**	---	**Receive Date:**	08/20/2009 18:10	Delivery Work Order:
	Project Number:	5484	**Sampling Date:**	08/19/2009 13:50	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: 09/03/2009 8:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911048-01 | **Client Sample Name:** 5484, MW-4B, 8/19/2009 1:50:00PM

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	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Methylene chloride	ND	ug/L	1.0		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	

TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 09/03/2009 8:28

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911048-01 | **Client Sample Name:** 5484, MW-4B, 8/19/2009 1:50:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450		
4-Bromofluorobenzene (Surrogate)	99.5	%	86 - 115 (LCL - UCL)		EPA-8260	08/24/09	08/24/09 21:05	MGC	MS-V5	1	BSH1450		

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

Reported: 09/03/2009 8:28

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

BCL Sample ID: 0911048-01 | **Client Sample Name:** 5484, MW-4B, 8/19/2009 1:50:00PM

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	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Acenaphthylene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Anthracene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Benzo[a]anthracene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Benzo[b]fluoranthene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Benzo[k]fluoranthene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Benzo[a]pyrene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Benzo[g,h,i]perylene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Benzoic acid	ND	ug/L	10		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Benzyl alcohol	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Benzyl butyl phthalate	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
bis(2-Chloroethoxy)methane	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
bis(2-Chloroethyl) ether	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
bis(2-Chloroisopropyl)ether	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
bis(2-Ethylhexyl)phthalate	ND	ug/L	4.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
4-Bromophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	

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Project: 5484
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Reported: 09/03/2009 8:28

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

BCL Sample ID: 0911048-01 | **Client Sample Name:** 5484, MW-4B, 8/19/2009 1:50:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Chloroaniline	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2-Chloronaphthalene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
4-Chlorophenyl phenyl ether	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Chrysene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Dibenzo[a,h]anthracene	ND	ug/L	3.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Dibenzofuran	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
1,2-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
1,3-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
1,4-Dichlorobenzene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
3,3-Dichlorobenzidine	ND	ug/L	10		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Diethyl phthalate	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Dimethyl phthalate	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Di-n-butyl phthalate	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2,4-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2,6-Dinitrotoluene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Di-n-octyl phthalate	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	

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Project: 5484
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Reported: 09/03/2009 8:28

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

BCL Sample ID: 0911048-01 | **Client Sample Name:** 5484, MW-4B, 8/19/2009 1:50:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Fluoranthene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Fluorene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Hexachlorobenzene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Hexachlorobutadiene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Hexachlorocyclopentadiene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Hexachloroethane	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Indeno[1,2,3-cd]pyrene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Isophorone	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2-Methylnaphthalene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Naphthalene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2-Nitroaniline	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
3-Nitroaniline	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
4-Nitroaniline	ND	ug/L	5.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Nitrobenzene	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
N-Nitrosodi-N-propylamine	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
N-Nitrosodiphenylamine	ND	ug/L	2.0		EPA-8270C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	

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Project: 5484
Project Number: 4511010874
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Reported: 09/03/2009 8:28

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

BCL Sample ID: 0911048-01 | **Client Sample Name:** 5484, MW-4B, 8/19/2009 1:50:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Phenanthrene	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Pyrene	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
1,2,4-Trichlorobenzene	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
4-Chloro-3-methylphenol	ND	ug/L	5.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2-Chlorophenol	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2,4-Dichlorophenol	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2,4-Dimethylphenol	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
4,6-Dinitro-2-methylphenol	ND	ug/L	10		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2,4-Dinitrophenol	ND	ug/L	10		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2-Methylphenol	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
3- & 4-Methylphenol	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2-Nitrophenol	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
4-Nitrophenol	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Pentachlorophenol	ND	ug/L	10		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
Phenol	ND	ug/L	2.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2,4,5-Trichlorophenol	ND	ug/L	5.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	

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Project: 5484
Project Number: 4511010874
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Reported: 09/03/2009 8:28

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

BCL Sample ID: 0911048-01 | **Client Sample Name:** 5484, MW-4B, 8/19/2009 1:50:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
2,4,6-Trichlorophenol	ND	ug/L	5.0		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946	ND	
2-Fluorophenol (Surrogate)	44.9	%	17 - 115 (LCL - UCL)		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946		
Phenol-d5 (Surrogate)	36.6	%	17 - 77 (LCL - UCL)		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946		
Nitrobenzene-d5 (Surrogate)	64.9	%	60 - 136 (LCL - UCL)		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946		
2-Fluorobiphenyl (Surrogate)	59.0	%	57 - 135 (LCL - UCL)		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946		
2,4,6-Tribromophenol (Surrogate)	77.6	%	55 - 172 (LCL - UCL)		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946		
p-Terphenyl-d14 (Surrogate)	90.0	%	46 - 185 (LCL - UCL)		EPA-8270 C	08/25/09	09/02/09 01:36	SKC	MS-B1	0.960	BSH1946		

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

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0911048-01 | **Client Sample Name:** 5484, MW-4B, 8/19/2009 1:50:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	08/21/09	08/25/09 09:57	jjh	GC-V4	1	BSH1528	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/21/09	08/25/09 09:57	jjh	GC-V4	1	BSH1528	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/21/09	08/25/09 09:57	jjh	GC-V4	1	BSH1528	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	08/21/09	08/25/09 09:57	jjh	GC-V4	1	BSH1528	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/21/09	08/25/09 09:57	jjh	GC-V4	1	BSH1528	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/21/09	08/25/09 09:57	jjh	GC-V4	1	BSH1528	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	80.3	%	70 - 130 (LCL - UCL)		EPA-8021	08/21/09	08/25/09 09:57	jjh	GC-V4	1	BSH1528		
a,a,a-Trifluorotoluene (FID Surrogate)	88.7	%	70 - 130 (LCL - UCL)		Luft	08/21/09	08/25/09 09:57	jjh	GC-V4	1	BSH1528		

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Project: 5484
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Reported: 09/03/2009 8:28

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	BSH1450	Matrix Spike	0911045-01	0	32.380	25.000	ug/L		130		70 - 130	
		Matrix Spike Duplicate	0911045-01	0	31.800	25.000	ug/L	2.3	127	20	70 - 130	
Chlorobenzene	BSH1450	Matrix Spike	0911045-01	0	29.160	25.000	ug/L		117		70 - 130	
		Matrix Spike Duplicate	0911045-01	0	27.580	25.000	ug/L	6.2	110	20	70 - 130	
Chloroethane	BSH1450	Matrix Spike	0911045-01	0	29.460	25.000	ug/L		118		70 - 130	
		Matrix Spike Duplicate	0911045-01	0	27.410	25.000	ug/L	7.0	110	20	70 - 130	
1,4-Dichlorobenzene	BSH1450	Matrix Spike	0911045-01	0	29.270	25.000	ug/L		117		70 - 130	
		Matrix Spike Duplicate	0911045-01	0	27.960	25.000	ug/L	4.4	112	20	70 - 130	
1,1-Dichloroethane	BSH1450	Matrix Spike	0911045-01	1.1600	25.760	25.000	ug/L		98.4		70 - 130	
		Matrix Spike Duplicate	0911045-01	1.1600	23.710	25.000	ug/L	8.7	90.2	20	70 - 130	
1,1-Dichloroethene	BSH1450	Matrix Spike	0911045-01	2.0200	34.400	25.000	ug/L		130		70 - 130	
		Matrix Spike Duplicate	0911045-01	2.0200	31.850	25.000	ug/L	8.8	119	20	70 - 130	
Trichloroethene	BSH1450	Matrix Spike	0911045-01	2.2000	30.800	25.000	ug/L		114		70 - 130	
		Matrix Spike Duplicate	0911045-01	2.2000	29.380	25.000	ug/L	4.5	109	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSH1450	Matrix Spike	0911045-01	ND	10.960	10.000	ug/L		110		76 - 114	
		Matrix Spike Duplicate	0911045-01	ND	10.360	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BSH1450	Matrix Spike	0911045-01	ND	10.090	10.000	ug/L		101		88 - 110	
		Matrix Spike Duplicate	0911045-01	ND	10.350	10.000	ug/L		104		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSH1450	Matrix Spike	0911045-01	ND	10.350	10.000	ug/L		104		86 - 115	
		Matrix Spike Duplicate	0911045-01	ND	10.180	10.000	ug/L		102		86 - 115	

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

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Acenaphthene	BSH1946	Matrix Spike	0908002-55	0	36.956	50.000	ug/L		73.9		62 - 123	
1,4-Dichlorobenzene	BSH1946	Matrix Spike	0908002-55	0	37.591	50.000	ug/L		75.2		50 - 122	
2,4-Dinitrotoluene	BSH1946	Matrix Spike	0908002-55	0	39.011	50.000	ug/L		78.0		47 - 139	
Hexachlorobenzene	BSH1946	Matrix Spike	0908002-55	0	23.405	50.000	ug/L		46.8		62 - 134	Q03
Hexachlorobutadiene	BSH1946	Matrix Spike	0908002-55	0	31.339	50.000	ug/L		62.7		34 - 114	
Hexachloroethane	BSH1946	Matrix Spike	0908002-55	0	36.723	50.000	ug/L		73.4		33 - 128	
Nitrobenzene	BSH1946	Matrix Spike	0908002-55	0	36.077	50.000	ug/L		72.2		61 - 119	
N-Nitrosodi-N-propylamine	BSH1946	Matrix Spike	0908002-55	0	50.348	50.000	ug/L		101		47 - 131	
Pyrene	BSH1946	Matrix Spike	0908002-55	0	39.760	50.000	ug/L		79.5		49 - 156	
1,2,4-Trichlorobenzene	BSH1946	Matrix Spike	0908002-55	0	35.820	50.000	ug/L		71.6		49 - 123	
4-Chloro-3-methylphenol	BSH1946	Matrix Spike	0908002-55	0	36.609	50.000	ug/L		73.2		56 - 139	
2-Chlorophenol	BSH1946	Matrix Spike	0908002-55	0	35.873	50.000	ug/L		71.7		47 - 121	
2-Methylphenol	BSH1946	Matrix Spike	0908002-55	0	33.219	50.000	ug/L		66.4		39 - 125	
3- & 4-Methylphenol	BSH1946	Matrix Spike	0908002-55	0	54.345	100.00	ug/L		54.3		36 - 100	
4-Nitrophenol	BSH1946	Matrix Spike	0908002-55	0	13.950	50.000	ug/L		27.9		15 - 65	
Pentachlorophenol	BSH1946	Matrix Spike	0908002-55	0	30.484	50.000	ug/L		61.0		30 - 166	
Phenol	BSH1946	Matrix Spike	0908002-55	0	17.822	50.000	ug/L		35.6		21 - 66	
2,4,6-Trichlorophenol	BSH1946	Matrix Spike	0908002-55	0	36.929	50.000	ug/L		73.9		54 - 146	
2-Fluorophenol (Surrogate)	BSH1946	Matrix Spike	0908002-55	ND	49.526	80.000	ug/L		61.9		17 - 115	
Phenol-d5 (Surrogate)	BSH1946	Matrix Spike	0908002-55	ND	30.475	80.000	ug/L		38.1		17 - 77	
Nitrobenzene-d5 (Surrogate)	BSH1946	Matrix Spike	0908002-55	ND	65.911	80.000	ug/L		82.4		60 - 136	
2-Fluorobiphenyl (Surrogate)	BSH1946	Matrix Spike	0908002-55	ND	59.283	80.000	ug/L		74.1		57 - 135	
2,4,6-Tribromophenol (Surrogate)	BSH1946	Matrix Spike	0908002-55	ND	70.220	80.000	ug/L		87.8		55 - 172	

TRC	Project: 5484	**Reported:** 09/03/2009 8:28
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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
p-Terphenyl-d14 (Surrogate)	BSH1946	Matrix Spike	0908002-55	ND	34.925	40.000	ug/L		87.3		46 - 185	

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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	BSH1528	Matrix Spike	0909743-58	0	34.741	40.000	ug/L		86.9		70 - 130	
		Matrix Spike Duplicate	0909743-58	0	38.573	40.000	ug/L	10.4	96.4	20	70 - 130	
Toluene	BSH1528	Matrix Spike	0909743-58	0	34.433	40.000	ug/L		86.1		70 - 130	
		Matrix Spike Duplicate	0909743-58	0	39.000	40.000	ug/L	12.4	97.5	20	70 - 130	
Ethylbenzene	BSH1528	Matrix Spike	0909743-58	0	36.009	40.000	ug/L		90.0		70 - 130	
		Matrix Spike Duplicate	0909743-58	0	36.929	40.000	ug/L	2.5	92.3	20	70 - 130	
Methyl t-butyl ether	BSH1528	Matrix Spike	0909743-58	0	34.207	40.000	ug/L		85.5		70 - 130	
		Matrix Spike Duplicate	0909743-58	0	37.210	40.000	ug/L	8.4	93.0	20	70 - 130	
Total Xylenes	BSH1528	Matrix Spike	0909743-58	0	104.66	120.00	ug/L		87.2		70 - 130	
		Matrix Spike Duplicate	0909743-58	0	117.29	120.00	ug/L	11.4	97.7	20	70 - 130	
Gasoline Range Organics (C4 - C12)	BSH1528	Matrix Spike	0909743-58	0	934.52	1000.0	ug/L		93.5		70 - 130	
		Matrix Spike Duplicate	0909743-58	0	930.34	1000.0	ug/L	0.5	93.0	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	BSH1528	Matrix Spike	0909743-58	ND	39.482	40.000	ug/L		98.7		70 - 130	
		Matrix Spike Duplicate	0909743-58	ND	40.024	40.000	ug/L		100		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	BSH1528	Matrix Spike	0909743-58	ND	38.594	40.000	ug/L		96.5		70 - 130	
		Matrix Spike Duplicate	0909743-58	ND	38.599	40.000	ug/L		96.5		70 - 130	

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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	BSH1450	BSH1450-BS1	LCS	29.990	25.000	0.50	ug/L	120		70 - 130		
Chlorobenzene	BSH1450	BSH1450-BS1	LCS	25.360	25.000	0.50	ug/L	101		70 - 130		
Chloroethane	BSH1450	BSH1450-BS1	LCS	25.140	25.000	0.50	ug/L	101		70 - 130		
1,4-Dichlorobenzene	BSH1450	BSH1450-BS1	LCS	25.530	25.000	0.50	ug/L	102		70 - 130		
1,1-Dichloroethane	BSH1450	BSH1450-BS1	LCS	20.330	25.000	0.50	ug/L	81.3		70 - 130		
1,1-Dichloroethene	BSH1450	BSH1450-BS1	LCS	26.970	25.000	0.50	ug/L	108		70 - 130		
Trichloroethene	BSH1450	BSH1450-BS1	LCS	26.340	25.000	0.50	ug/L	105		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSH1450	BSH1450-BS1	LCS	10.040	10.000		ug/L	100		76 - 114		
Toluene-d8 (Surrogate)	BSH1450	BSH1450-BS1	LCS	10.310	10.000		ug/L	103		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSH1450	BSH1450-BS1	LCS	9.9900	10.000		ug/L	99.9		86 - 115		

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

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Acenaphthene	BSH1946	BSH1946-BS1	LCS	36.173	50.000	2.0	ug/L	72.3		61 - 127		
1,4-Dichlorobenzene	BSH1946	BSH1946-BS1	LCS	36.768	50.000	2.0	ug/L	73.5		49 - 126		
2,4-Dinitrotoluene	BSH1946	BSH1946-BS1	LCS	38.212	50.000	2.0	ug/L	76.4		48 - 139		
Hexachlorobenzene	BSH1946	BSH1946-BS1	LCS	23.757	50.000	2.0	ug/L	47.5		62 - 135		L01
Hexachlorobutadiene	BSH1946	BSH1946-BS1	LCS	30.792	50.000	2.0	ug/L	61.6		40 - 111		
Hexachloroethane	BSH1946	BSH1946-BS1	LCS	35.560	50.000	2.0	ug/L	71.1		35 - 128		
Nitrobenzene	BSH1946	BSH1946-BS1	LCS	35.393	50.000	2.0	ug/L	70.8		59 - 123		
N-Nitrosodi-N-propylamine	BSH1946	BSH1946-BS1	LCS	33.655	50.000	2.0	ug/L	67.3		36 - 139		
Pyrene	BSH1946	BSH1946-BS1	LCS	43.613	50.000	2.0	ug/L	87.2		40 - 166		
1,2,4-Trichlorobenzene	BSH1946	BSH1946-BS1	LCS	34.937	50.000	2.0	ug/L	69.9		55 - 119		
4-Chloro-3-methylphenol	BSH1946	BSH1946-BS1	LCS	34.691	50.000	5.0	ug/L	69.4		57 - 139		
2-Chlorophenol	BSH1946	BSH1946-BS1	LCS	32.962	50.000	2.0	ug/L	65.9		51 - 120		
2-Methylphenol	BSH1946	BSH1946-BS1	LCS	30.289	50.000	2.0	ug/L	60.6		38 - 130		
3- & 4-Methylphenol	BSH1946	BSH1946-BS1	LCS	50.167	100.00	2.0	ug/L	50.2		36 - 101		
4-Nitrophenol	BSH1946	BSH1946-BS1	LCS	12.815	50.000	2.0	ug/L	25.6		13 - 66		
Pentachlorophenol	BSH1946	BSH1946-BS1	LCS	27.467	50.000	10	ug/L	54.9		33 - 165		
Phenol	BSH1946	BSH1946-BS1	LCS	16.397	50.000	2.0	ug/L	32.8		19 - 67		
2,4,6-Trichlorophenol	BSH1946	BSH1946-BS1	LCS	33.913	50.000	5.0	ug/L	67.8		60 - 144		
2-Fluorophenol (Surrogate)	BSH1946	BSH1946-BS1	LCS	45.485	80.000		ug/L	56.9		17 - 115		
Phenol-d5 (Surrogate)	BSH1946	BSH1946-BS1	LCS	27.940	80.000		ug/L	34.9		17 - 77		
Nitrobenzene-d5 (Surrogate)	BSH1946	BSH1946-BS1	LCS	61.877	80.000		ug/L	77.3		60 - 136		
2-Fluorobiphenyl (Surrogate)	BSH1946	BSH1946-BS1	LCS	56.814	80.000		ug/L	71.0		57 - 135		
2,4,6-Tribromophenol (Surrogate)	BSH1946	BSH1946-BS1	LCS	66.285	80.000		ug/L	82.9		55 - 172		

TRC	Project: 5484	**Reported:** 09/03/2009 8:28
21 Technology Drive	Project Number: 4511010874	
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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
p-Terphenyl-d14 (Surrogate)	BSH1946	BSH1946-BS1	LCS	37.259	40.000		ug/L	93.1		46 - 185		

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Project: 5484
Project Number: 4511010874
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Reported: 09/03/2009 8:28

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	BSH1528	BSH1528-BS1	LCS	37.199	40.000	0.30	ug/L	93.0		85 - 115		
Toluene	BSH1528	BSH1528-BS1	LCS	37.472	40.000	0.30	ug/L	93.7		85 - 115		
Ethylbenzene	BSH1528	BSH1528-BS1	LCS	35.425	40.000	0.30	ug/L	88.6		85 - 115		
Methyl t-butyl ether	BSH1528	BSH1528-BS1	LCS	34.799	40.000	1.0	ug/L	87.0		85 - 115		
Total Xylenes	BSH1528	BSH1528-BS1	LCS	112.59	120.00	0.60	ug/L	93.8		85 - 115		
Gasoline Range Organics (C4 - C12)	BSH1528	BSH1528-BS1	LCS	918.66	1000.0	50	ug/L	91.9		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BSH1528	BSH1528-BS1	LCS	39.635	40.000		ug/L	99.1		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BSH1528	BSH1528-BS1	LCS	38.640	40.000		ug/L	96.6		70 - 130		

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

Reported: 09/03/2009 8:28

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	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Bromoform	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Bromomethane	BSH1450	BSH1450-BLK1	ND	ug/L	1.0		
Carbon tetrachloride	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Chlorobenzene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Chloroethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Chloroform	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Chloromethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Dichlorodifluoromethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,1-Dichloroethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,2-Dichloropropane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
cis-1,3-Dichloropropene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Methylene chloride	BSH1450	BSH1450-BLK1	ND	ug/L	1.0		
Methyl t-butyl ether	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		

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Project: 5484
Project Number: 4511010874
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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	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Trichloroethene	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
1,1,2-Trichloro-1,2,2-trifluoroethane	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
Vinyl chloride	BSH1450	BSH1450-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BSH1450	BSH1450-BLK1	ND	ug/L	10		
1,2-Dichloroethane-d4 (Surrogate)	BSH1450	BSH1450-BLK1	98.1	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSH1450	BSH1450-BLK1	104	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSH1450	BSH1450-BLK1	104	%	86 - 115 (LCL - UCL)		

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

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Acenaphthene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Acenaphthylene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Anthracene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Benzo[a]anthracene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Benzo[b]fluoranthene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Benzo[k]fluoranthene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Benzo[a]pyrene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Benzo[g,h,i]perylene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Benzoic acid	BSH1946	BSH1946-BLK1	ND	ug/L	10		
Benzyl alcohol	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Benzyl butyl phthalate	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
bis(2-Chloroethoxy)methane	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
bis(2-Chloroethyl) ether	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
bis(2-Chloroisopropyl)ether	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
bis(2-Ethylhexyl)phthalate	BSH1946	BSH1946-BLK1	ND	ug/L	4.0		
4-Bromophenyl phenyl ether	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
4-Chloroaniline	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
2-Chloronaphthalene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
4-Chlorophenyl phenyl ether	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Chrysene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Dibenzo[a,h]anthracene	BSH1946	BSH1946-BLK1	ND	ug/L	3.0		
Dibenzofuran	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
1,2-Dichlorobenzene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
1,3-Dichlorobenzene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		

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Project: 5484
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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
1,4-Dichlorobenzene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
3,3-Dichlorobenzidine	BSH1946	BSH1946-BLK1	ND	ug/L	10		
Diethyl phthalate	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Dimethyl phthalate	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Di-n-butyl phthalate	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
2,4-Dinitrotoluene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
2,6-Dinitrotoluene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Di-n-octyl phthalate	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Fluoranthene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Fluorene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Hexachlorobenzene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Hexachlorobutadiene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Hexachlorocyclopentadiene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Hexachloroethane	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Indeno[1,2,3-cd]pyrene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Isophorone	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
2-Methylnaphthalene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Naphthalene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
2-Nitroaniline	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
3-Nitroaniline	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
4-Nitroaniline	BSH1946	BSH1946-BLK1	ND	ug/L	5.0		
Nitrobenzene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
N-Nitrosodi-N-propylamine	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
N-Nitrosodiphenylamine	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		

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Project: 5484
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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Phenanthrene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Pyrene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
1,2,4-Trichlorobenzene	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
4-Chloro-3-methylphenol	BSH1946	BSH1946-BLK1	ND	ug/L	5.0		
2-Chlorophenol	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
2,4-Dichlorophenol	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
2,4-Dimethylphenol	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
4,6-Dinitro-2-methylphenol	BSH1946	BSH1946-BLK1	ND	ug/L	10		
2,4-Dinitrophenol	BSH1946	BSH1946-BLK1	ND	ug/L	10		
2-Methylphenol	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
3- & 4-Methylphenol	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
2-Nitrophenol	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
4-Nitrophenol	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
Pentachlorophenol	BSH1946	BSH1946-BLK1	ND	ug/L	10		
Phenol	BSH1946	BSH1946-BLK1	ND	ug/L	2.0		
2,4,5-Trichlorophenol	BSH1946	BSH1946-BLK1	ND	ug/L	5.0		
2,4,6-Trichlorophenol	BSH1946	BSH1946-BLK1	ND	ug/L	5.0		
2-Fluorophenol (Surrogate)	BSH1946	BSH1946-BLK1	51.1	%	17 - 115 (LCL - UCL)		
Phenol-d5 (Surrogate)	BSH1946	BSH1946-BLK1	33.0	%	17 - 77 (LCL - UCL)		
Nitrobenzene-d5 (Surrogate)	BSH1946	BSH1946-BLK1	73.3	%	60 - 136 (LCL - UCL)		
2-Fluorobiphenyl (Surrogate)	BSH1946	BSH1946-BLK1	67.3	%	57 - 135 (LCL - UCL)		
2,4,6-Tribromophenol (Surrogate)	BSH1946	BSH1946-BLK1	76.8	%	55 - 172 (LCL - UCL)		
p-Terphenyl-d14 (Surrogate)	BSH1946	BSH1946-BLK1	88.8	%	46 - 185 (LCL - UCL)		

TRC
21 Technology Drive
Irvine, CA 92618

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

Reported: 09/03/2009 8:28

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	BSH1528	BSH1528-BLK1	ND	ug/L	0.30		
Toluene	BSH1528	BSH1528-BLK1	ND	ug/L	0.30		
Ethylbenzene	BSH1528	BSH1528-BLK1	ND	ug/L	0.30		
Methyl t-butyl ether	BSH1528	BSH1528-BLK1	ND	ug/L	1.0		
Total Xylenes	BSH1528	BSH1528-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BSH1528	BSH1528-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BSH1528	BSH1528-BLK1	81.5	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BSH1528	BSH1528-BLK1	89.1	%	70 - 130 (LCL - UCL)		

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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
L01	The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.

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

Submission #: 09-110481

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: TH80

Temperature: A 3.4 °C / C 3.4 °C

Date/Time 8/20/09 2115

Analyst Init JW

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,B	( )	( )	( )	( )	( )	( )	( )	( )	( )
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	B,C									
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: CAM Date/Time: 8/21/09 1600

A = Actual / C = Corrected

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

09-11048

CHK'D DISTRIBUTION SUB-OUT

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 18950 Lake Chabot Road	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Castro Valley	**4-digit site#:** 5484
	Workorder # 01421-45110108744
State: CA **Zip:**	**Project #:** 165521
Conoco Phillips Mgr: Terry Grayson	**Sampler Name:** Basilio Del Real

MATRIX: (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021	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	SVOC's by 8270		Turnaround Time Requested
-1		MW-4B	8-19-09 1350	GW	X	X						X	X		STD

Comments:

GLOBAL ID: T0600101453

Relinquished by: (Signature)	Received by: Stored refrigerator	Date & Time 8-19-09 1500
Relinquished by: (Signature)	Received by:	Date & Time 8/20/09 1455
Relinquished by: (Signature) 8/20/09	Received by:	Date & Time 8-20-09 1800

R Rumus 8.20.09 2100

Receipt of Manifest
is Pending

(September 11, 2009)

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.