ConocoPhillips
76 Broadway
Sacramento, California 95818

RECEIVED

4:49 pm, Oct 29, 2010

Alameda County
Environmental Health

October 25, 2010

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

Re: **Semi-Annual Summary Report**
Second Quarter through Third Quarter 2010
76 Station no. 3538
411 W. MacAurthur Blvd.
Oakland, 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 contact me at (916) 558-7612.

Sincerely,

Bill Borgh

Bill Borgh
Site Manager – Risk Management and Remediation

Attachment

October 25, 2010

Ms. Barbara Jakub
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Re: Semi-Annual Summary Report
Second Quarter through Third Quarter 2010
Delta Project No. C1Q3538101
Alameda County LOP Case No. R0251

DELTA

Dear Ms. Jakub,

On behalf of ConocoPhillips Company (ConocoPhillips), Delta Consultants (Delta) is submitting the subject report and forwarding a copy of TRC's *Groundwater Monitoring Report July through September 2010, for the* second and third quarters of 2010, dated October 12, 2010 for the following location:

Service Station	**Location**
ConocoPhillips Site No. 3538	411 W. MacArthur Blvd. Oakland, California

Please contact me at (916) 503-1275 if you have any questions.

Sincerely,
Delta Consultants

Jan W. Wagoner
Senior Project Manager

REGISTERED PROFESSIONAL GEOLOGIST
JAMES B. BARNARD
No. 7478
Expires: 9/12
GEOLOGY
STATE OF CALIFORNIA

James B. Barnard

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

Enclosure

cc: Mr. Bill Borgh – ConocoPhillips (electronic copy only)

a member of Inogen Environmental Alliance

11050 White Rock Road Suite 110 Rancho Cordova, California 95670 USA
Phone +1 916.638.2085 / USA Toll Free 800.477.7411
Fax +1 916.638.8385 www.deltaenv.com

SEMI-ANNUAL SUMMARY REPORT
Second Quarter through Third Quarter 2010
76 Service Station No. 3538
411 W. MacArthur Blvd.
Oakland, California

SITE DESCRIPTION

The subject site is a former Tosco (76) service station located on the southwest corner of MacArthur Boulevard and Webster Street in Oakland, California. The site is currently a used car sales lot and is entirely fenced. All petroleum storage and dispensing equipment were removed in September of 1998, during station demolition activities. Six groundwater-monitoring wells are present, four on-site wells and two off-site wells.

SITE BACKGROUND AND ACTIVITY

July 1989: One 10,000-gallon and one 12,000-gallon gasoline underground storage tanks (USTs) were removed and replaced with two new 12,000-gallon USTs. One 550-gallon waste oil UST and the associated piping for all three tanks were also removed. No holes or cracks were observed in the gasoline USTs; however, holes were observed in the waste oil UST. Groundwater was encountered in the former UST pit at a depth of approximately 10.5 feet below ground surface (bgs), which prohibited the collection of soil samples below the former fuel USTs. Confirmation soil samples from the sidewalls contained moderate maximum concentrations of total petroleum hydrocarbons as gasoline (TPH-G), and low maximum concentrations of benzene. These sample areas were subsequently over-excavated. Soil samples from the base of the waste oil UST pit did not contain detections of TPH-G or benzene, toluene, ethylbenzene, and xylenes (BTEX). (Kaprealian Engineering, INC., 1989)

September 1989: Kaprealian Engineering, INC. (KEI) installed four groundwater monitoring wells at the site to depths of approximately 30 feet bgs.

November 1992: Two additional groundwater monitoring wells were installed off-site to a depth of 30 feet bgs. (KEI, 1993)

September 1998: Two 12,000-gallon gasoline USTs and associated product piping and dispensers were removed from the site during station demolition activities. No holes or cracks were observed in the tanks. Confirmation soil samples contained low maximum concentrations of TPH-G and benzene. Methyl butyl ether (MTBE) was not detected.

October 2003: Site environmental consulting responsibilities were transferred to TRC.

March 2006: TRC conducted additional soil and groundwater assessment at the Site. The investigation involved the advancement of three onsite soil borings (SB-3, SB-4, and SB-5) and two offsite soil borings (SB-1 and SB-2) to sufficient depth to obtain representative groundwater samples (approximately 16 feet bgs).

October 2007: Site environmental consulting responsibilities were transferred to Delta.

SENSITIVE RECEPTORS

A sensitive receptor survey has been conducted for the site. According to the California Department of Water Resources (DWR) records, no water supply wells have been located within 2,000 feet of the site. The nearest well identified was a private water well located approximately 2,500 feet east-southeast of the site.

GROUNDWATER MONITORING AND SAMPLING

Currently, the two onsite monitoring wells MW-2 and MW-3 are monitored semi-annually during the first and third quarters and the remaining four wells are monitored annually during the third quarter. Groundwater samples collected and submitted are analyzed for total petroleum hydrocarbons as gasoline (TPHg) by Environmental Protection Agency (EPA) method 8015M, BTEX and MTBE by EPA method 8021B, and Ethylene-dibromide (EDB) and 1,2-DCA (EDC) by EPA method 8260B. EDB is additionally analyzed by EPA Method 504.1.

During the third quarter of 2010, the groundwater monitoring well network was monitored and sampled by TRC on September 21, 2010. During the current event, all six wells were monitored and sampled. The groundwater flow direction beneath the site was reported south at a gradient of 0.02 feet per feet (ft/ft) south. This is consistent with the previous calculated gradient of 0.02 ft/ft south (03/23/10).

Dissolved groundwater concentrations are reported as follows.

TPHg was reported above the laboratory's indicated reporting limits in groundwater samples collected from two of the six sampled wells during the current sampling event at concentrations of 69 µg/L in both groundwater monitoring wells MW-2 and MW-3. During the previous sampling event (3/23/10) TPHg was below the laboratory's indicated reporting limits in all groundwater samples collected.

Benzene was reported above the laboratory's indicated reporting limits in ground water samples collected from one of the six sampled wells sampled with a concentration of 1.6 µg/L in MW-2. During the previous sampling event, benzene was reported in the same well at 0.68 µg/L.

MTBE was reported above the laboratory's indicated reporting limits in groundwater samples collected from two of the six wells sampled with a concentration of 1.6 µg/L in MW-2, and a concentration of 48 µg/L in MW-3 During the previous sampling event, MTBE was reported only in MW-3 only, at 22 µg/L. Historically, MTBE has been reported above the laboratory's indicated reporting limits fairly consistently in on-site wells MW-3 and to a lesser extent in MW-2.

A copy of TRC's *Groundwater Monitoring Report July through September 2010* is included as Attachment A.

REMEDIATION STATUS

October 1998: A total of 516.44 tons (approximately 380 cubic yards) of soil generated during station demolition was transported from the site to Forward Landfill in Manteca, California for disposal.

Active soil and groundwater remediation is not currently being conducted at the site.

CONCLUSIONS AND RECOMMENDATIONS

Reported petroleum hydrocarbon concentrations in the Site's monitoring wells continue to decline. In Delta's Site Conceptual Model dated November 21, 2008, Delta proposed collecting a grab-groundwater sample no more than 30 feet south of the site to assess the southern extent of the hydrocarbon and fuel oxygenate plume.

Delta did not receive agency response to the SCM or the recommendations proposed within the November 21, 2008 SCM. Delta then submitted a *Work Plan for Additional Assessment* dated June 3, 2009 detailing the scope initially proposed in the November 2008 SCM. To date, Delta has not received a response from the agency regarding the November 2008 SCM or the June 2009 work plan. In anticipation of approval of this work plan, Delta and ConocoPhillips have been moving forward with private property access procurement. Although several letters have been issued to the property owner, no response has been received.

RECENT CORRESPONDENCE

A letter from Alameda County Environmental Health (ACEH) to Nghiep Hua, the owner of 3701 Webster Street, requests assistance in allowing access to this property to perform additional assessment activities.

A letter from ACEH to ConocoPhillips dated October 5, 2010 requesting vertical assessment downgradient of the source area and confirmation soil samples in the vicinity of MW-3 and SB-3 to verify previously reported benzene concentrations in soil. Delta and ConocoPhillips are currently reviewing the ACEH request for additional assessment.

SECOND AND THIRD QUARTER 2010 ACTIVITIES

- TRC performed groundwater monitoring and sampling activities on September 21, 2010, and prepared their results in *Groundwater Monitoring Report*- July through September 2010 dated October 12, 2010, covering the second and third quarters (April through September 2010).

FOURTH QUARTER 2010 AND FIRST QUARTER 2011 PLANNED ACTIVITIES

- Groundwater monitoring and sampling will be performed during the first quarter 2011 with results submitted in a groundwater monitoring report.

- Delta prepared *Semi-Annual Summary Report – Second and Third Quarters 2010.*

- Delta will continue to attempt to obtain access to the private property, south of the site. Delta will also evaluate the potential to relocate the borings into the public right of way, if access cannot be obtained.

- Delta will prepare a response to ACEH letter of October 5, 2010.

- Pending access arrangements, Delta will then prepare to conduct field activities as proposed in the *Work Plan for Additional Assessment* (June 3, 2009).

REMARKS

The descriptions, conclusions, and recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Delta, the data from those reports is used "as is" and is assumed to be accurate. Delta does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were conducted. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

CONSULTANT: Delta Consultants

******

Attachment A – *Groundwater Monitoring Report – July through September 2010*

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: October 12, 2010

TO: Delta Consultants
11050 White Rock Road, Suite 110
Rancho Cordova, CA 95670

ATTN: MR. JAN WAGONER

SITE: FORMER 76 STATION 3538
411 WEST MACARTHUR BLVD.
OAKLAND, CALIFORNIA

RE: GROUNDWATER MONITORING REPORT
JULY THROUGH SEPTEMBER 2010

This Groundwater Monitoring Report for Former 76 Station 3538 is being sent to you for your review and comment. If no comments are received by **October 19, 2010**, copies of this report will be sent to you for distribution.

Please send all comments to me at dlee@trcsolutions.com. If you have any questions regarding this report, please call me at (949) 727-7382

Sincerely,

TRC

Daniel Lee
Technical Writer

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: October 12, 2010

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. BILL BORGH

SITE: FORMER 76 STATION 3538
411 WEST MACARTHUR BLVD.
OAKLAND, CALIFORNIA

RE: GROUNDWATER MONITORING REPORT
JULY THROUGH SEPTEMBER 2010

Dear Mr. Borgh:

Please find enclosed our Groundwater Monitoring Report for Former 76 Station 3538, located at 411 West MacArthur Blvd, Oakland, 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. Jan Wagoner, Delta Consultants (2 copies)

Enclosures
20-0400/3538R14.QMS

GROUNDWATER MONITORING REPORT
JULY THROUGH SEPTEMBER 2010

FORMER 76 STATION 3538
411 West MacArthur Blvd.
Oakland, California

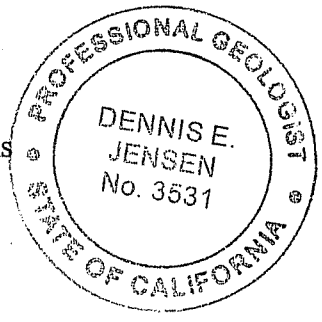
Prepared For:

Mr. Bill Borgh
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations

Date: 10/12/10



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: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results Table 2c: Additional Historic Analytical Results Table 2d: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 9/21/10 Groundwater Sampling Field Notes – 9/21/10
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
July through September 2010
Former 76 Station 3538
411 West MacArthur Blvd.
Oakland, CA

Project Coordinator: **Bill Borgh**
Telephone: **916-558-7612**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **9/21/2010**

Sample Points

Groundwater wells: **4** onsite, **2** offsite Points gauged: **6** Points sampled: **6**
Purging method: **Submersible pump/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: **15.62 feet** Maximum: **18.74 feet**
Average groundwater elevation (relative to available local datum): **53.61 feet**
Average change in groundwater elevation since previous event: **-0.77 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.02 ft/ft, south**
Previous event: **0.02 ft/ft, south (3/23/2010)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **1** Sample Points above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **1.6 µg/l (MW-2)**

Sample Points with **TPH-G** **2** Maximum: **69 µg/l (MW-3, MW-2)**
Sample Points with **MTBE 8021B** **2** Maximum: **48 µg/l (MW-3)**

Notes:

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
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

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-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Prior to the 1st quarter 2010, the word "monitor" was used in table comments interchangeably with the word "gauge". Starting in the 1st quarter 2010, the word "monitor" is used to include both "gauge" and "sample".

REFERENCE

TRC began groundwater monitoring and sampling for Former 76 Station 3538 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2
Site: Former 76 Station 3538

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8015	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	
Table 1a	Well/ Date	Ethylene-dibromide (EDB)	EDB (504)	1,2-DCA (EDC)									

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8015	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	
Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	EDB (504)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Bromo-dichloro-methane	Bromo-form
Table 2b	Well/ Date	Bromo-methane	Carbon Tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA
Table 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	Methylene chloride	1,1,2,2-Tetrachloro-ethane	Tetrachloro-ethene (PCE)	Trichloro-trifluoro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane
Table 2d	Well/ Date	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride									

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 21, 2010

Former 76 Station 3538

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)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1													
9/21/2010	72.12	18.74	0.00	53.38	-1.40	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
MW-2													
9/21/2010	71.34	18.41	0.00	52.93	-0.94	69	1.6	ND<0.30	ND<0.30	ND<0.60	1.6	--	
MW-3													
9/21/2010	71.40	18.28	0.00	53.12	-0.95	69	ND<0.30	ND<0.30	ND<0.30	ND<0.60	48	--	
MW-4													
9/21/2010	71.54	18.31	0.00	53.23	-1.06	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
MW-5													
9/21/2010	71.16	17.92	0.00	53.24	-0.08	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
MW-6													
9/21/2010	71.37	15.62	0.00	55.75	-0.20	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)
MW-1			
9/21/2010	ND<0.50	ND<0.010	ND<0.50
MW-2			
9/21/2010	ND<0.50	ND<0.010	ND<0.50
MW-3			
9/21/2010	ND<0.50	ND<0.010	ND<0.50
MW-4			
9/21/2010	ND<0.50	--	ND<0.50
MW-5			
9/21/2010	ND<0.50	--	ND<0.50
MW-6			
9/21/2010	ND<0.50	--	ND<0.50

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2010

Former 76 Station 3538

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)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1													
9/15/1989	--	--	--	--	--	ND	ND	0.61	ND	ND	--	--	
1/23/1990	--	--	--	--	--	ND	1.5	2.3	ND	4.3	--	--	
4/19/1990	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
7/17/1990	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
10/16/1990	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
1/15/1991	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
4/12/1991	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
7/15/1991	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
7/14/1992	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
4/13/1993	72.43	17.70	0.00	54.73	--	--	--	--	--	--	--	--	Sampled Q3 only
7/14/1993	72.43	18.49	0.00	53.94	-0.79	ND	2.2	2.1	1.1	6.2	--	--	
10/14/1993	72.10	18.32	0.00	53.78	-0.16	--	--	--	--	--	--	--	Sampled Q3 only
1/12/1994	72.10	18.18	0.00	53.92	0.14	--	--	--	--	--	--	--	Sampled Q3 only
4/11/1994	72.10	17.80	0.00	54.30	0.38	--	--	--	--	--	--	--	Sampled Q3 only
7/7/1994	72.10	18.28	0.00	53.82	-0.48	ND	ND	ND	ND	ND	--	--	
10/5/1994	72.10	18.55	0.00	53.55	-0.27	--	--	--	--	--	--	--	Sampled Q3 only
1/9/1995	72.10	17.90	0.00	54.20	0.65	--	--	--	--	--	--	--	Sampled Q3 only
4/17/1995	72.10	17.22	0.00	54.88	0.68	--	--	--	--	--	--	--	Sampled Q3 only
7/19/1995	72.10	18.03	0.00	54.07	-0.81	ND	ND	ND	ND	ND	--	--	
10/26/1995	72.10	18.67	0.00	53.43	-0.64	--	--	--	--	--	--	--	Sampled Q3 only
1/16/1996	72.10	17.20	0.00	54.90	1.47	--	--	--	--	--	--	--	Sampled Q3 only
4/15/1996	72.10	17.40	0.00	54.70	-0.20	--	--	--	--	--	--	--	Sampled Q3 only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued													
7/11/1996	72.10	18.03	0.00	54.07	-0.63	ND	ND	ND	ND	ND	ND	--	
1/17/1997	72.10	16.54	0.00	55.56	1.49	--	--	--	--	--	--	--	Sampled Q3 only
7/21/1997	72.10	18.16	0.00	53.94	-1.62	ND	ND	ND	ND	ND	ND	--	
1/14/1998	72.10	16.05	0.00	56.05	2.11	--	--	--	--	--	--	--	Sampled Q3 only
7/6/1998	72.10	16.46	0.00	55.64	-0.41	ND	ND	ND	ND	ND	ND	--	
1/13/1999	72.10	17.37	0.00	54.73	-0.91	--	--	--	--	--	--	--	Sampled Q3 only
8/31/1999	72.12	17.00	0.00	55.12	0.39	ND	ND	ND	ND	ND	ND	--	
1/21/2000	72.12	17.04	0.00	55.08	-0.04	--	--	--	--	--	--	--	Sampled Q3 only
7/10/2000	72.12	18.10	0.00	54.02	-1.06	ND	ND	ND	ND	ND	ND	--	
1/4/2001	72.12	17.95	0.00	54.17	0.15	--	--	--	--	--	--	--	Sampled Q3 only
7/16/2001	72.12	18.03	0.00	54.09	-0.08	ND	ND	ND	ND	ND	ND	--	
1/28/2002	72.12	17.31	0.00	54.81	0.72	--	--	--	--	--	--	--	Sampled Q3 only
7/12/2002	72.12	18.15	0.00	53.97	-0.84	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
1/14/2003	72.12	17.66	0.00	54.46	0.49	--	--	--	--	--	--	--	Sampled Q3 only
7/10/2003	72.12	17.86	0.00	54.26	-0.20	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
2/4/2004	72.12	17.43	0.00	54.69	0.43	--	--	--	--	--	--	--	Sampled Q3 only
7/29/2004	72.12	18.12	0.00	54.00	-0.69	ND<50	ND<0.3	0.38	ND<0.3	ND<0.6	ND<1	ND<0.5	
3/2/2005	72.12	16.15	0.00	55.97	1.97	--	--	--	--	--	--	--	Sampled Q3 only
9/30/2005	72.12	18.04	0.00	54.08	-1.89	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
3/23/2006	72.12	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to gate; Sampled Q3 only
9/26/2006	72.12	17.90	0.00	54.22	--	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
3/15/2007	72.12	17.22	0.00	54.90	0.68	--	--	--	--	--	--	--	Sampled Q3 only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued													
9/27/2007	72.12	18.49	0.00	53.63	-1.27	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
3/27/2008	72.12	17.57	0.00	54.55	0.92	--	--	--	--	--	--	--	Sampled Q3 only
9/17/2008	72.12	18.20	0.00	53.92	-0.63	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	ND<0.50	
3/27/2009	72.12	16.75	0.00	55.37	1.45	--	--	--	--	--	--	--	Sampled Q3 only
9/17/2009	72.12	18.18	0.00	53.94	-1.43	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/23/2010	72.12	17.34	0.00	54.78	0.84	--	--	--	--	--	--	--	Sampled Q3 only
9/21/2010	72.12	18.74	0.00	53.38	-1.40	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
MW-2													
9/15/1989	--	--	--	--	--	290	ND	12	ND	ND	--	--	
1/23/1990	--	--	--	--	--	400	73	36	10	40	--	--	
4/19/1990	--	--	--	--	--	3900	550	5.1	91	390	--	--	
7/17/1990	--	--	--	--	--	490	76	0.59	11	46	--	--	
10/16/1990	--	--	--	--	--	1400	430	2.0	48	240	--	--	
1/15/1991	--	--	--	--	--	680	170	0.7	19	81	--	--	
4/12/1991	--	--	--	--	--	2200	160	4.3	23	62	--	--	
7/15/1991	--	--	--	--	--	2200	770	12	72	370	--	--	
10/15/1991	--	--	--	--	--	140	44	0.56	1.5	12	--	--	
1/15/1992	--	--	--	--	--	220	37	0.52	1.1	7	--	--	
4/14/1992	--	--	--	--	--	150	6.2	ND	ND	1.4	--	--	
7/14/1992	--	--	--	--	--	130	3.7	ND	ND	ND	--	--	
10/12/1992	--	--	--	--	--	370	3.4	0.56	ND	11	--	--	
1/8/1993	--	--	--	--	--	510	ND	ND	ND	ND	--	--	
4/13/1993	71.63	17.86	0.00	53.77	--	410	42	7.7	6.4	28	200	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	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													
7/14/1993	71.63	18.38	0.00	53.25	-0.52	110	6.5	ND	ND	1.1	250	--	
10/14/1993	71.38	18.20	0.00	53.18	-0.07	230	5.3	ND	ND	2.1	--	--	
1/12/1994	71.38	18.08	0.00	53.30	0.12	300	7.8	3.8	1.8	10	--	--	
4/9/1994	71.38	17.97	0.00	53.41	0.11	120	10	0.88	1.1	4.9	--	--	
4/11/1994	71.38	17.88	0.00	53.50	0.09	--	--	--	--	--	--	--	
7/7/1994	71.38	17.81	0.00	53.57	0.07	110	4.4	ND	ND	ND	--	--	
10/5/1994	71.38	18.33	0.00	53.05	-0.52	720	20	ND	ND	3.1	--	--	
1/9/1995	71.38	17.40	0.00	53.98	0.93	ND	ND	ND	ND	ND	--	--	
4/17/1995	71.38	17.50	0.00	53.88	-0.10	93	5.6	0.62	1.7	5.5	--	--	
7/19/1995	71.38	18.01	0.00	53.37	-0.51	77	32	0.58	1.7	4.1	--	--	
10/26/1995	71.38	18.21	0.00	53.17	-0.20	54	13	ND	ND	0.72	220	--	
1/16/1996	71.38	16.58	0.00	54.80	1.63	120	23	ND	ND	0.99	--	--	
4/15/1996	71.38	17.61	0.00	53.77	-1.03	340	21	ND	2.2	3.7	45	--	
7/11/1996	71.38	17.98	0.00	53.40	-0.37	540	34	ND	4.3	12	150	--	
1/17/1997	71.38	17.08	0.00	54.30	0.90	320	63	2.4	9.4	26	260	--	
7/21/1997	71.38	18.06	0.00	53.32	-0.98	160	13	ND	1.3	1.6	180	--	
1/14/1998	71.38	16.52	0.00	54.86	1.54	66	6.3	ND	ND	0.98	100	--	
7/6/1998	71.38	16.87	0.00	54.51	-0.35	ND	2.3	ND	ND	ND	11	--	
1/13/1999	71.38	17.88	0.00	53.50	-1.01	53	24	ND	0.52	0.98	120	--	
8/31/1999	71.34	18.45	0.00	52.89	-0.61	86	14	ND	0.63	ND	21	--	
1/21/2000	71.34	17.73	0.00	53.61	0.72	ND	1.94	ND	ND	ND	10.1	--	
7/10/2000	71.34	18.14	0.00	53.20	-0.41	ND	ND	ND	ND	ND	46.6	--	
1/4/2001	71.34	18.02	0.00	53.32	0.12	ND	0.925	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	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													
7/16/2001	71.34	18.02	0.00	53.32	0.00	ND	ND	ND	ND	ND	ND	--	
1/28/2002	71.34	17.57	0.00	53.77	0.45	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
7/12/2002	71.34	18.05	0.00	53.29	-0.48	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
1/14/2003	71.34	17.44	0.00	53.90	0.61	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
7/10/2003	71.34	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
2/4/2004	71.34	17.22	0.00	54.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
7/29/2004	71.34	--	--	--	--	--	--	--	--	--	--	--	Sampled Q3 only
3/2/2005	71.34	16.63	0.00	54.71	--	99	26	ND<0.50	3.5	2.8	ND<5.0	--	
9/30/2005	71.34	17.94	0.00	53.40	-1.31	ND<50	1.2	ND<0.30	ND<0.30	ND<0.60	1.6	--	
3/23/2006	71.34	16.74	0.00	54.60	1.20	ND<50	3.6	ND<0.30	0.35	ND<0.60	2.5	--	
9/26/2006	71.34	17.91	0.00	53.43	-1.17	ND<50	1.2	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/15/2007	71.34	17.45	0.00	53.89	0.46	110	6.5	ND<0.30	0.70	ND<0.60	1.7	--	
9/27/2007	71.34	18.23	0.00	53.11	-0.78	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/27/2008	71.34	17.77	0.00	53.57	0.46	ND<50	1.8	ND<0.30	ND<0.30	ND<0.60	1.3	--	
9/17/2008	71.34	18.06	0.00	53.28	-0.29	ND<50	1.6	ND<0.30	ND<0.30	ND<0.60	3.1	--	
3/27/2009	71.34	17.43	0.00	53.91	0.63	ND<50	3.5	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
9/17/2009	71.34	18.01	0.00	53.33	-0.58	ND<50	2.7	ND<0.30	ND<0.30	ND<0.60	1.1	--	
3/23/2010	71.34	17.47	0.00	53.87	0.54	ND<50	0.68	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
9/21/2010	71.34	18.41	0.00	52.93	-0.94	69	1.6	ND<0.30	ND<0.30	ND<0.60	1.6	--	
MW-3													
9/15/1989	--	--	--	--	--	32	ND	ND	ND	ND	--	--	
1/23/1990	--	--	--	--	--	450	110	1.2	4.4	11	--	--	
4/19/1990	--	--	--	--	--	3100	600	27	54	220	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued													
7/17/1990	--	--	--	--	--	4000	270	48	130	250	--	--	
10/16/1990	--	--	--	--	--	740	210	1.4	2.5	82	--	--	
1/15/1991	--	--	--	--	--	3200	460	1.5	120	270	--	--	
4/12/1991	--	--	--	--	--	880	170	1.1	34	110	--	--	
7/15/1991	--	--	--	--	--	9200	1300	230	490	1900	--	--	
10/15/1991	--	--	--	--	--	3100	390	34	150	390	--	--	
1/15/1992	--	--	--	--	--	3000	590	14	310	750	--	--	
4/14/1992	--	--	--	--	--	14000	660	48	560	2000	--	--	
7/14/1992	--	--	--	--	--	21000	890	200	1200	4300	--	--	
10/12/1992	--	--	--	--	--	3200	160	10	230	540	--	--	
1/8/1993	--	--	--	--	--	1100	48	0.99	0.9	93	--	--	
4/13/1993	72.06	17.96	0.00	54.10	--	12000	290	38	760	2300	1400	--	
7/14/1993	72.06	18.54	0.00	53.52	-0.58	6300	190	ND	430	1000	860	--	
10/14/1993	71.86	18.45	0.00	53.41	-0.11	2500	52	ND	110	250	--	--	
1/12/1994	71.86	18.34	0.00	53.52	0.11	3800	78	ND	180	390	--	--	
4/9/1994	71.86	18.19	0.00	53.67	0.15	1800	22	ND	140	280	--	--	
4/11/1994	71.86	18.12	0.00	53.74	0.07	--	--	--	--	--	--	--	
7/7/1994	71.86	18.21	0.00	53.65	-0.09	110	4.5	ND	ND	ND	--	--	
10/5/1994	71.86	18.58	0.00	53.28	-0.37	ND	ND	ND	ND	ND	--	--	
1/9/1995	71.86	17.69	0.00	54.17	0.89	ND	0.68	ND	ND	ND	--	--	
4/17/1995	71.86	17.68	0.00	54.18	0.01	3700	80	10	270	510	--	--	
7/19/1995	71.86	18.20	0.00	53.66	-0.52	15000	330	27	990	2400	--	--	
10/26/1995	71.86	18.32	0.00	53.54	-0.12	14000	420	180	750	1600	4800	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued													
1/16/1996	71.86	17.95	0.00	53.91	0.37	920	38	ND	30	57	--	--	
4/15/1996	71.86	17.78	0.00	54.08	0.17	9700	240	ND	570	860	3200	--	
7/11/1996	71.86	18.19	0.00	53.67	-0.41	13000	69	5.5	430	900	740	--	
1/17/1997	71.86	17.23	0.00	54.63	0.96	4400	25	ND	270	580	1600	--	
7/21/1997	71.86	18.29	0.00	53.57	-1.06	9000	36	ND	450	800	950	--	
1/14/1998	71.86	16.71	0.00	55.15	1.58	7100	40	ND	380	360	930	--	
7/6/1998	71.86	17.03	0.00	54.83	-0.32	6800	39	ND	320	360	370	--	
1/13/1999	71.86	18.00	0.00	53.86	-0.97	1800	9.4	ND	58	36	180	--	
8/31/1999	71.40	--	0.00	--	--	--	--	--	--	--	--	--	Well obstructed at 0.5 feet.
1/21/2000	71.40	17.58	0.00	53.82	--	ND	ND	ND	ND	ND	21.4	--	
7/10/2000	71.40	18.05	0.00	53.35	-0.47	ND	ND	ND	ND	ND	162	--	
8/25/2000	71.40	17.82	0.00	53.58	0.23	--	--	--	--	--	--	180	
1/4/2001	71.40	18.16	0.00	53.24	-0.34	ND	ND	ND	ND	ND	193	--	
7/16/2001	71.40	17.98	0.00	53.42	0.18	ND	ND	ND	ND	ND	660	--	
1/28/2002	71.40	17.84	0.00	53.56	0.14	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	34	--	
7/12/2002	71.40	17.87	0.00	53.53	-0.03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11	19	
1/14/2003	71.40	17.28	0.00	54.12	0.59	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	12	--	
7/10/2003	71.40	17.64	0.00	53.76	-0.36	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	23	--	
2/4/2004	71.40	17.05	0.00	54.35	0.59	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	26	--	
7/29/2004	71.40	17.82	0.00	53.58	-0.77	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	--	
3/2/2005	71.40	16.47	0.00	54.93	1.35	93	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	--	
9/30/2005	71.40	17.79	0.00	53.61	-1.32	65	ND<0.30	ND<0.30	ND<0.30	ND<0.60	61	--	
3/23/2006	71.40	16.61	0.00	54.79	1.18	54	ND<0.30	0.41	ND<0.30	0.98	63	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued													
9/26/2006	71.40	17.77	0.00	53.63	-1.16	51	ND<0.30	ND<0.30	ND<0.30	ND<0.60	41	--	
3/15/2007	71.40	17.27	0.00	54.13	0.50	140	ND<0.30	ND<0.30	ND<0.30	ND<0.60	110	--	
9/27/2007	71.40	18.48	0.00	52.92	-1.21	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	20	--	
3/27/2008	71.40	17.67	0.00	53.73	0.81	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	19	--	
9/17/2008	71.40	17.91	0.00	53.49	-0.24	56	ND<0.30	ND<0.30	ND<0.30	ND<0.60	43	--	
3/27/2009	71.40	17.34	0.00	54.06	0.57	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	15	--	
9/17/2009	71.40	17.88	0.00	53.52	-0.54	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	30	--	
3/23/2010	71.40	17.33	0.00	54.07	0.55	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	22	--	
9/21/2010	71.40	18.28	0.00	53.12	-0.95	69	ND<0.30	ND<0.30	ND<0.30	ND<0.60	48	--	
MW-4													
9/15/1989	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
1/23/1990	--	--	--	--	--	ND	ND	0.4	ND	ND	--	--	
4/19/1990	--	--	--	--	--	ND	ND	0.48	ND	ND	--	--	
7/17/1990	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
10/16/1990	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
1/15/1991	--	--	--	--	--	ND	ND	ND	--	ND	--	--	
4/12/1991	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
7/15/1991	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
7/14/1992	--	--	--	--	--	ND	1.3	2.5	ND	1.0	--	--	
4/13/1993	71.98	17.67	0.00	54.31	--	--	--	--	--	--	--	--	Sampled Q3 only
7/14/1993	71.98	18.31	0.00	53.67	-0.64	ND	ND	ND	ND	ND	--	--	
10/14/1993	71.64	18.08	0.00	53.56	-0.11	--	--	--	--	--	--	--	Sampled Q3 only
1/12/1994	71.64	17.97	0.00	53.67	0.11	--	--	--	--	--	--	--	Sampled Q3 only

Table 2
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September 1989 Through September 2010
Former 76 Station 3538

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)	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													
4/11/1994	71.64	17.70	0.00	53.94	0.27	--	--	--	--	--	--	--	Sampled Q3 only
7/7/1994	71.64	17.80	0.00	53.84	-0.10	ND	ND	ND	ND	ND	--	--	
10/5/1994	71.64	18.28	0.00	53.36	-0.48	--	--	--	--	--	--	--	Sampled Q3 only
1/9/1995	71.64	17.38	0.00	54.26	0.90	--	--	--	--	--	--	--	Sampled Q3 only
4/17/1995	71.64	17.21	0.00	54.43	0.17	--	--	--	--	--	--	--	Sampled Q3 only
7/19/1995	71.64	17.82	0.00	53.82	-0.61	ND	ND	ND	ND	ND	--	--	
10/26/1995	71.64	18.17	0.00	53.47	-0.35	--	--	--	--	--	--	--	Sampled Q3 only
1/16/1996	71.64	16.45	0.00	55.19	1.72	--	--	--	--	--	--	--	Sampled Q3 only
4/15/1996	71.64	17.35	0.00	54.29	-0.90	--	--	--	--	--	--	--	Sampled Q3 only
7/11/1996	71.64	17.81	0.00	53.83	-0.46	ND	ND	ND	ND	ND	ND	--	
1/17/1997	71.64	16.73	0.00	54.91	1.08	--	--	--	--	--	--	--	Sampled Q3 only
7/21/1997	71.64	17.91	0.00	53.73	-1.18	ND	ND	ND	ND	ND	ND	--	
1/14/1998	71.64	16.18	0.00	55.46	1.73	--	--	--	--	--	--	--	Sampled Q3 only
7/6/1998	71.64	16.49	0.00	55.15	-0.31	ND	ND	ND	ND	ND	ND	--	
1/13/1999	71.64	17.29	0.00	54.35	-0.80	--	--	--	--	--	--	--	Sampled Q3 only
8/31/1999	71.54	--	0.00	--	--	--	--	--	--	--	--	--	Well obstructed at 10.4 feet.
1/21/2000	71.54	17.51	0.00	54.03	--	--	--	--	--	--	--	--	Sampled Q3 only
7/10/2000	71.54	17.93	0.00	53.61	-0.42	ND	ND	ND	ND	ND	ND	--	
1/4/2001	71.54	18.10	0.00	53.44	-0.17	--	--	--	--	--	--	--	Sampled Q3 only
7/16/2001	71.54	17.76	0.00	53.78	0.34	ND	ND	ND	ND	ND	ND	--	
1/28/2002	71.54	17.20	0.00	54.34	0.56	--	--	--	--	--	--	--	Sampled Q3 only
7/12/2002	71.54	17.81	0.00	53.73	-0.61	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
1/14/2003	71.54	17.30	0.00	54.24	0.51	--	--	--	--	--	--	--	Sampled Q3 only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	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													
7/10/2003	71.54	17.58	0.00	53.96	-0.28	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
2/4/2004	71.54	17.07	0.00	54.47	0.51	--	--	--	--	--	--	--	Sampled Q3 only
7/29/2004	71.54	17.81	0.00	53.73	-0.74	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	--	
3/2/2005	71.54	16.25	0.00	55.29	1.56	--	--	--	--	--	--	--	Sampled Q3 only
9/30/2005	71.54	17.74	0.00	53.80	-1.49	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/23/2006	71.54	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to gate; Sampled Q3 only
9/26/2006	71.54	17.71	0.00	53.83	--	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/15/2007	71.54	17.56	0.00	53.98	0.15	--	--	--	--	--	--	--	Sampled Q3 only
9/27/2007	71.54	18.16	0.00	53.38	-0.60	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/27/2008	71.54	17.58	0.00	53.96	0.58	--	--	--	--	--	--	--	Sampled Q3 only
9/17/2008	71.54	17.87	0.00	53.67	-0.29	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/27/2009	71.54	17.17	0.00	54.37	0.70	--	--	--	--	--	--	--	Sampled Q3 only
9/17/2009	71.54	17.86	0.00	53.68	-0.69	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/23/2010	71.54	17.25	0.00	54.29	0.61	--	--	--	--	--	--	--	Sampled Q3 only
9/21/2010	71.54	18.31	0.00	53.23	-1.06	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
MW-5													
11/30/1992	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
1/8/1993	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
4/13/1993	71.51	17.49	0.00	54.02	--	ND	ND	ND	ND	ND	--	--	
7/14/1993	71.51	18.02	0.00	53.49	-0.53	ND	ND	0.57	ND	ND	--	--	
10/14/1993	71.23	17.82	0.00	53.41	-0.08	ND	ND	ND	ND	ND	--	--	
1/12/1994	71.23	17.74	0.00	53.49	0.08	ND	ND	0.84	ND	1.6	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	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													
4/11/1994	71.23	17.56	0.00	53.67	0.18	--	--	--	--	--	--	--	Sampled Q3 only
7/7/1994	71.23	17.50	0.00	53.73	0.06	ND	ND	ND	ND	ND	--	--	
10/5/1994	71.23	17.98	0.00	53.25	-0.48	--	--	--	--	--	--	--	Sampled Q3 only
1/9/1995	71.23	17.13	0.00	54.10	0.85	--	--	--	--	--	--	--	Sampled Q3 only
4/17/1995	71.23	17.05	0.00	54.18	0.08	--	--	--	--	--	--	--	Sampled Q3 only
7/19/1995	71.23	17.59	0.00	53.64	-0.54	ND	ND	ND	ND	ND	--	--	
10/26/1995	71.23	18.10	0.00	53.13	-0.51	--	--	--	--	--	--	--	Sampled Q3 only
1/16/1996	71.23	17.11	0.00	54.12	0.99	--	--	--	--	--	--	--	Sampled Q3 only
4/15/1996	71.23	17.22	0.00	54.01	-0.11	--	--	--	--	--	--	--	Sampled Q3 only
7/11/1996	71.23	17.59	0.00	53.64	-0.37	ND	ND	ND	ND	ND	ND	--	
1/17/1997	71.23	16.75	0.00	54.48	0.84	--	--	--	--	--	--	--	Sampled Q3 only
7/21/1997	71.23	17.59	0.00	53.64	-0.84	ND	ND	ND	ND	ND	ND	--	
1/14/1998	71.23	16.16	0.00	55.07	1.43	--	--	--	--	--	--	--	Sampled Q3 only
7/6/1998	71.23	16.52	0.00	54.71	-0.36	ND	ND	ND	ND	ND	ND	--	
1/13/1999	71.23	17.62	0.00	53.61	-1.10	--	--	--	--	--	--	--	Sampled Q3 only
8/31/1999	71.16	17.76	0.00	53.40	-0.21	ND	ND	ND	ND	ND	ND	--	
1/21/2000	71.16	16.83	0.00	54.33	0.93	--	--	--	--	--	--	--	Sampled Q3 only
7/10/2000	71.16	17.46	0.00	53.70	-0.63	ND	ND	ND	ND	ND	ND	--	
1/4/2001	71.16	17.51	0.00	53.65	-0.05	--	--	--	--	--	--	--	Sampled Q3 only
7/16/2001	71.16	17.32	0.00	53.84	0.19	ND	ND	ND	ND	ND	ND	--	
1/28/2002	71.16	17.12	0.00	54.04	0.20	--	--	--	--	--	--	--	Sampled Q3 only
7/12/2002	71.16	17.12	0.00	54.04	0.00	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
1/14/2003	71.16	16.67	0.00	54.49	0.45	--	--	--	--	--	--	--	Sampled Q3 only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	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													
7/10/2003	71.16	17.39	0.00	53.77	-0.72	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
2/4/2004	71.16	16.23	0.00	54.93	1.16	--	--	--	--	--	--	--	Sampled Q3 only
7/29/2004	71.16	16.02	0.00	55.14	0.21	ND<50	ND<0.3	0.64	ND<0.3	0.79	ND<1	--	
3/2/2005	71.16	16.43	0.00	54.73	-0.41	--	--	--	--	--	--	--	Sampled Q3 only
9/30/2005	71.16	17.41	0.00	53.75	-0.98	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/23/2006	71.16	16.37	0.00	54.79	1.04	--	--	--	--	--	--	--	Sampled Q3 only
9/26/2006	71.16	15.54	0.00	55.62	0.83	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/15/2007	71.16	17.20	0.00	53.96	-1.66	--	--	--	--	--	--	--	Sampled Q3 only
9/27/2007	71.16	18.01	0.00	53.15	-0.81	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/27/2008	71.16	17.57	0.00	53.59	0.44	--	--	--	--	--	--	--	Sampled Q3 only
9/17/2008	71.16	17.68	0.00	53.48	-0.11	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/27/2009	71.16	17.14	0.00	54.02	0.54	--	--	--	--	--	--	--	Sampled Q3 only
9/17/2009	71.16	17.60	0.00	53.56	-0.46	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/23/2010	71.16	17.84	0.00	53.32	-0.24	--	--	--	--	--	--	--	Sampled Q3 only
9/21/2010	71.16	17.92	0.00	53.24	-0.08	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
MW-6													
11/30/1992	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
1/8/1993	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
4/13/1993	71.79	11.94	0.00	59.85	--	ND	ND	ND	ND	ND	--	--	
7/14/1993	71.79	17.20	0.00	54.59	-5.26	ND	0.99	2.4	ND	1.9	--	--	
10/14/1993	71.44	17.21	0.00	54.23	-0.36	ND	ND	0.64	ND	ND	--	--	
1/12/1994	71.44	17.44	0.00	54.00	-0.23	ND	ND	1.2	ND	2.9	--	--	
4/11/1994	71.44	13.66	0.00	57.78	3.78	--	--	--	--	--	--	--	Sampled Q3 only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	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													
7/7/1994	71.44	14.05	0.00	57.39	-0.39	ND	ND	ND	ND	ND	--	--	
10/5/1994	71.44	14.16	0.00	57.28	-0.11	--	--	--	--	--	--	--	Sampled Q3 only
1/9/1995	71.44	13.73	0.00	57.71	0.43	--	--	--	--	--	--	--	Sampled Q3 only
4/17/1995	71.44	11.30	0.00	60.14	2.43	--	--	--	--	--	--	--	Sampled Q3 only
7/19/1995	71.44	12.32	0.00	59.12	-1.02	ND	ND	ND	ND	ND	--	--	
10/26/1995	71.44	17.88	0.00	53.56	-5.56	--	--	--	--	--	--	--	Sampled Q3 only
1/16/1996	71.44	16.38	0.00	55.06	1.50	--	--	--	--	--	--	--	Sampled Q3 only
4/15/1996	71.44	14.00	0.00	57.44	2.38	--	--	--	--	--	--	--	Sampled Q3 only
7/11/1996	71.44	13.58	0.00	57.86	0.42	ND	ND	ND	ND	ND	ND	--	
1/17/1997	71.44	15.42	0.00	56.02	-1.84	--	--	--	--	--	--	--	Sampled Q3 only
7/21/1997	71.44	13.78	0.00	57.66	1.64	ND	ND	ND	ND	ND	ND	--	
1/14/1998	71.44	13.65	0.00	57.79	0.13	--	--	--	--	--	--	--	Sampled Q3 only
7/6/1998	71.44	13.90	0.00	57.54	-0.25	ND	ND	ND	ND	ND	ND	--	
1/13/1999	71.44	14.93	0.00	56.51	-1.03	--	--	--	--	--	--	--	Sampled Q3 only
8/31/1999	71.37	15.81	0.00	55.56	-0.95	ND	ND	ND	ND	ND	ND	--	
1/21/2000	71.37	16.13	0.00	55.24	-0.32	--	--	--	--	--	--	--	Sampled Q3 only
7/10/2000	71.37	16.95	0.00	54.42	-0.82	ND	ND	ND	ND	ND	ND	--	
1/4/2001	71.37	17.09	0.00	54.28	-0.14	--	--	--	--	--	--	--	Sampled Q3 only
7/16/2001	71.37	16.83	0.00	54.54	0.26	ND	ND	ND	ND	ND	ND	--	
1/28/2002	71.37	14.58	0.00	56.79	2.25	--	--	--	--	--	--	--	Sampled Q3 only
7/12/2002	71.37	16.76	0.00	54.61	-2.18	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
1/14/2003	71.37	16.25	0.00	55.12	0.51	--	--	--	--	--	--	--	Sampled Q3 only
7/10/2003	71.37	12.97	0.00	58.40	3.28	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1989 Through September 2010
Former 76 Station 3538

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)	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													
2/4/2004	71.37	16.20	0.00	55.17	-3.23	--	--	--	--	--	--	--	Sampled Q3 only
7/29/2004	71.37	14.98	0.00	56.39	1.22	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.6	1.3	--	
3/2/2005	71.37	14.51	0.00	56.86	0.47	--	--	--	--	--	--	--	Sampled Q3 only
9/30/2005	71.37	14.45	0.00	56.92	0.06	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	1.7	--	
3/23/2006	71.37	16.55	0.00	54.82	-2.10	--	--	--	--	--	--	--	Sampled Q3 only
9/26/2006	71.37	17.58	0.00	53.79	-1.03	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/15/2007	71.37	13.72	0.00	57.65	3.86	--	--	--	--	--	--	--	Sampled Q3 only
9/27/2007	71.37	14.18	0.00	57.19	-0.46	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/27/2008	71.37	14.83	0.00	56.54	-0.65	--	--	--	--	--	--	--	Sampled Q3 only
9/17/2008	71.37	14.70	0.00	56.67	0.13	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	2.8	--	
3/27/2009	71.37	15.66	0.00	55.71	-0.96	--	--	--	--	--	--	--	Sampled Q3 only
9/17/2009	71.37	15.31	0.00	56.06	0.35	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	
3/23/2010	71.37	15.42	0.00	55.95	-0.11	--	--	--	--	--	--	--	Sampled Q3 only
9/21/2010	71.37	15.62	0.00	55.75	-0.20	ND<50	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<1.0	--	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)
MW-1												
9/15/1989	ND	--	--	--	--	--	--	--	--	ND	--	--
1/23/1990	ND	--	--	--	--	--	--	--	--	1.5	--	--
4/19/1990	ND	--	--	--	--	--	--	--	--	ND	--	--
7/17/1990	ND	--	--	--	--	--	--	--	--	ND	--	--
10/16/1990	ND	--	--	--	--	--	--	--	--	ND	--	--
1/15/1991	ND	--	--	--	--	--	--	--	--	ND	--	--
4/12/1991	ND	--	--	--	--	--	--	--	--	ND	--	--
7/15/1991	ND	--	--	--	--	--	--	--	--	ND	--	--
7/16/2001	--	--	--	--	--	--	--	--	--	--	1.7	--
7/29/2004	--	--	--	--	--	ND<0.5	--	--	--	--	ND<0.5	ND<0.5
9/30/2005	--	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50
9/26/2006	--	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50
9/27/2007	--	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50
9/17/2008	--	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50
9/21/2010	--	--	--	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--	--
MW-2												
9/21/2010	--	--	--	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--	--
MW-3												
8/25/2000	--	ND	--	ND	--	ND	ND	ND	ND	--	--	--
7/12/2002	--	ND<20	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
9/21/2010	--	--	--	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--	--
MW-4												
9/21/2010	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--
MW-5												

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)
MW-5 continued												
9/21/2010	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--
MW-6												
9/21/2010	--	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	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)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
MW-1												
7/11/1996	--	--	--	--	0.96	--	--	--	--	--	--	--
7/21/1997	--	--	--	--	1.0	--	--	--	--	--	--	--
7/16/2001	--	--	--	--	45	--	--	--	--	--	--	--
7/29/2004	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
9/30/2005	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/26/2006	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/27/2007	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
9/17/2008	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

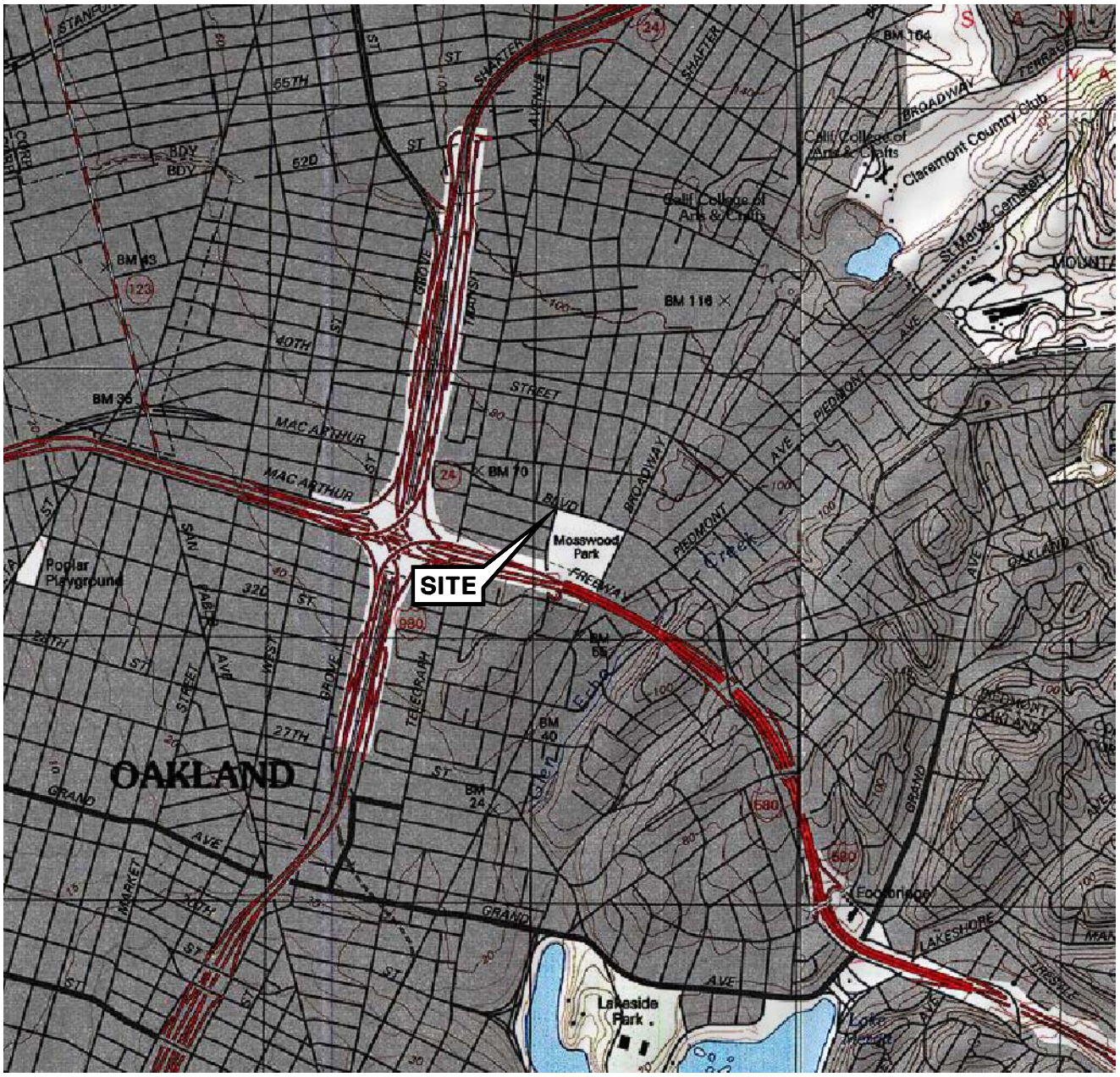
Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)
MW-1												
9/15/1989	--	--	--	--	--	--	--	--	2.7	--	--	--
1/23/1990	--	--	--	--	--	--	--	--	2.1	--	--	--
4/19/1990	--	--	--	--	--	--	--	--	2.2	--	--	--
7/17/1990	--	--	--	--	--	--	--	--	1.7	--	--	--
10/16/1990	--	--	--	--	--	--	--	--	2.0	--	--	--
1/15/1991	--	--	--	--	--	--	--	--	2.1	--	--	--
4/12/1991	--	--	--	--	--	--	--	--	2.0	--	--	--
7/15/1991	--	--	--	--	--	--	--	--	1.8	--	--	--
7/14/1992	--	--	--	--	--	--	--	--	1.4	--	--	--
7/14/1993	--	--	--	--	--	--	--	--	0.95	--	--	--
7/7/1994	--	--	--	--	--	--	--	--	0.83	--	--	--
7/19/1995	--	--	--	--	--	--	--	--	0.52	--	--	--
7/11/1996	--	--	--	--	--	--	--	--	0.73	--	--	--
7/21/1997	--	--	--	--	--	--	--	--	0.70	--	--	--
8/31/1999	--	--	--	--	--	--	--	--	ND	--	--	--
7/16/2001	--	--	--	--	--	--	--	--	ND	--	--	--
7/12/2002	1.8	--	--	--	--	--	--	--	ND<0.60	--	--	--
7/10/2003	0.89	--	--	--	--	--	--	--	ND<0.50	--	--	--
7/29/2004	1.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	13	ND<0.5	ND<0.5
9/30/2005	0.52	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	9.1	ND<0.50	ND<0.50
9/26/2006	0.60	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	7.0	ND<0.50	ND<0.50
9/27/2007	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	4.3	ND<0.50	ND<0.50
9/17/2008	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	5.4	ND<0.50	ND<0.50

Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	Vinyl chloride (µg/l)
MW-1			
7/29/2004	ND<0.5	ND<0.5	ND<0.5
9/30/2005	ND<0.50	ND<0.50	ND<0.50
9/26/2006	ND<0.50	ND<0.50	ND<0.50
9/27/2007	ND<0.50	ND<0.50	ND<0.50
9/17/2008	ND<0.50	ND<0.50	ND<0.50

FIGURES



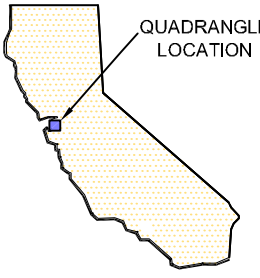
N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Oakland East & Oakland West
Quadrangle

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

SCALE 1: 24,000



TRC

FORMER 76 STATION 3538
411 WEST MACARTHUR BLVD.
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

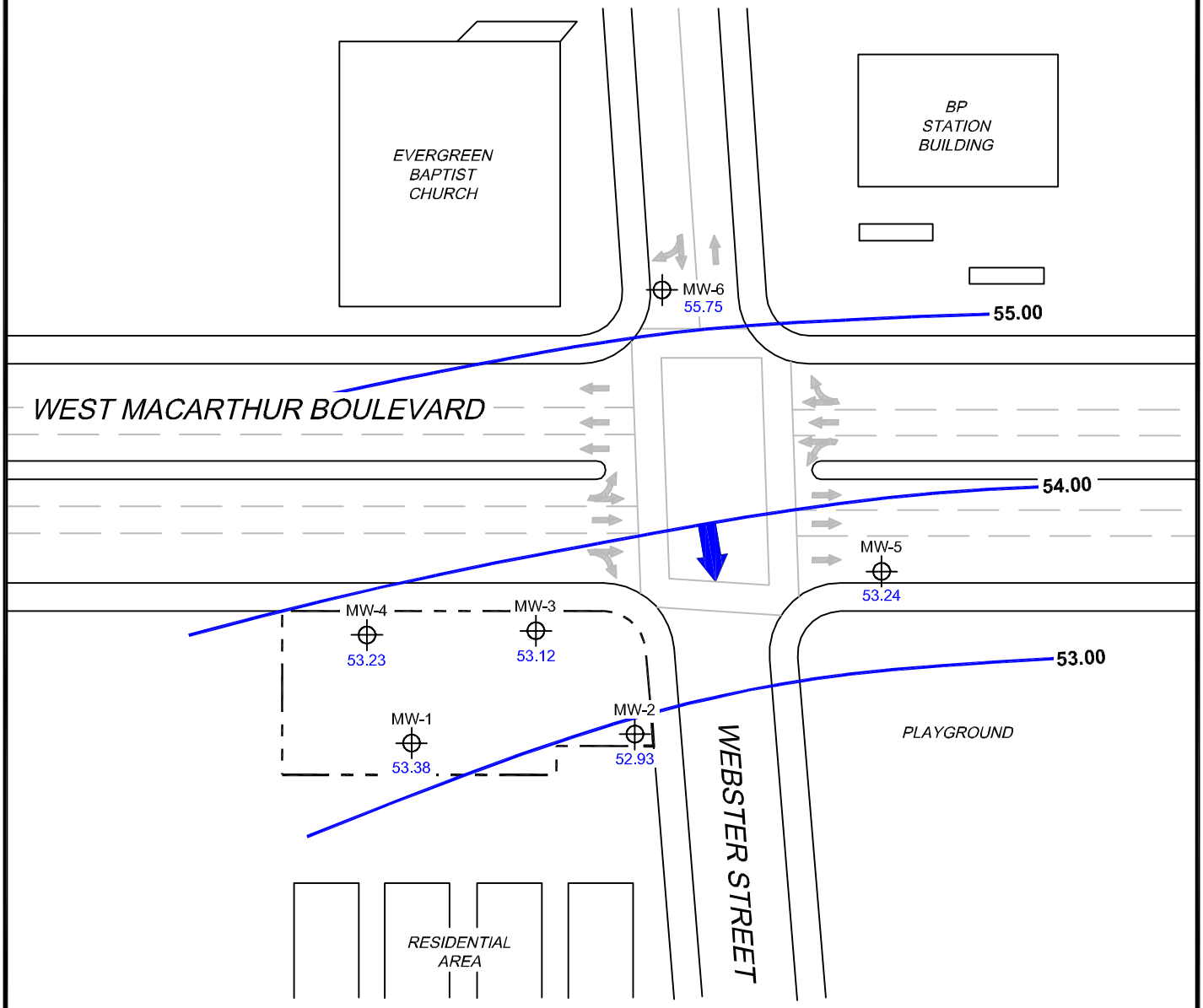
PS=1:1 L:\QMS VICINITY MAPS\3538vm.dwg Apr 06, 2010 - 1:46pm bschmidt

LEGEND

MW-6 ⊕ Monitoring Well with Groundwater Elevation (feet)

55.00 — Groundwater Elevation Contour

General Direction of Groundwater Flow



NOTES:

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

SCALE (FEET)

0 60

TRC

PROJECT: 173845

FACILITY:
FORMER 76 STATION 3538
411 WEST MACARTHUR BLVD.
OAKLAND, CALIFORNIA

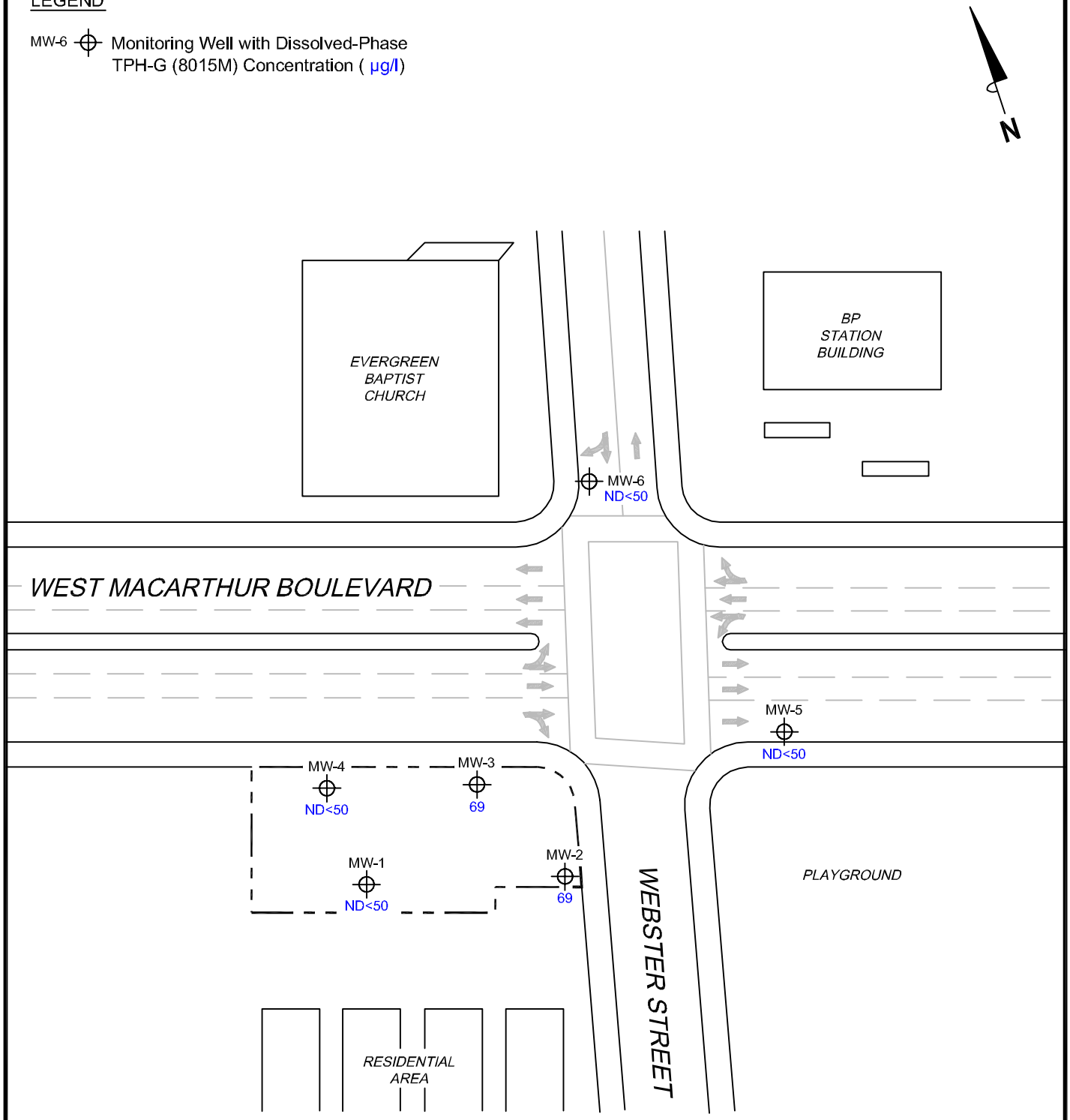
GROUNDWATER ELEVATION CONTOUR MAP
September 21, 2010

FIGURE 2

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTH\x-3000\3538+\3538-QMS-(NEW).dwg Oct 12, 2010 - 1:07pm bschmidt

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase TPH-G (8015M) Concentration (µg/l)



NOTES:

TPH-G (8015M) = total petroleum hydrocarbons as gasoline; results obtained using EPA Method 8015M. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.

SCALE (FEET)

0 60

TRC

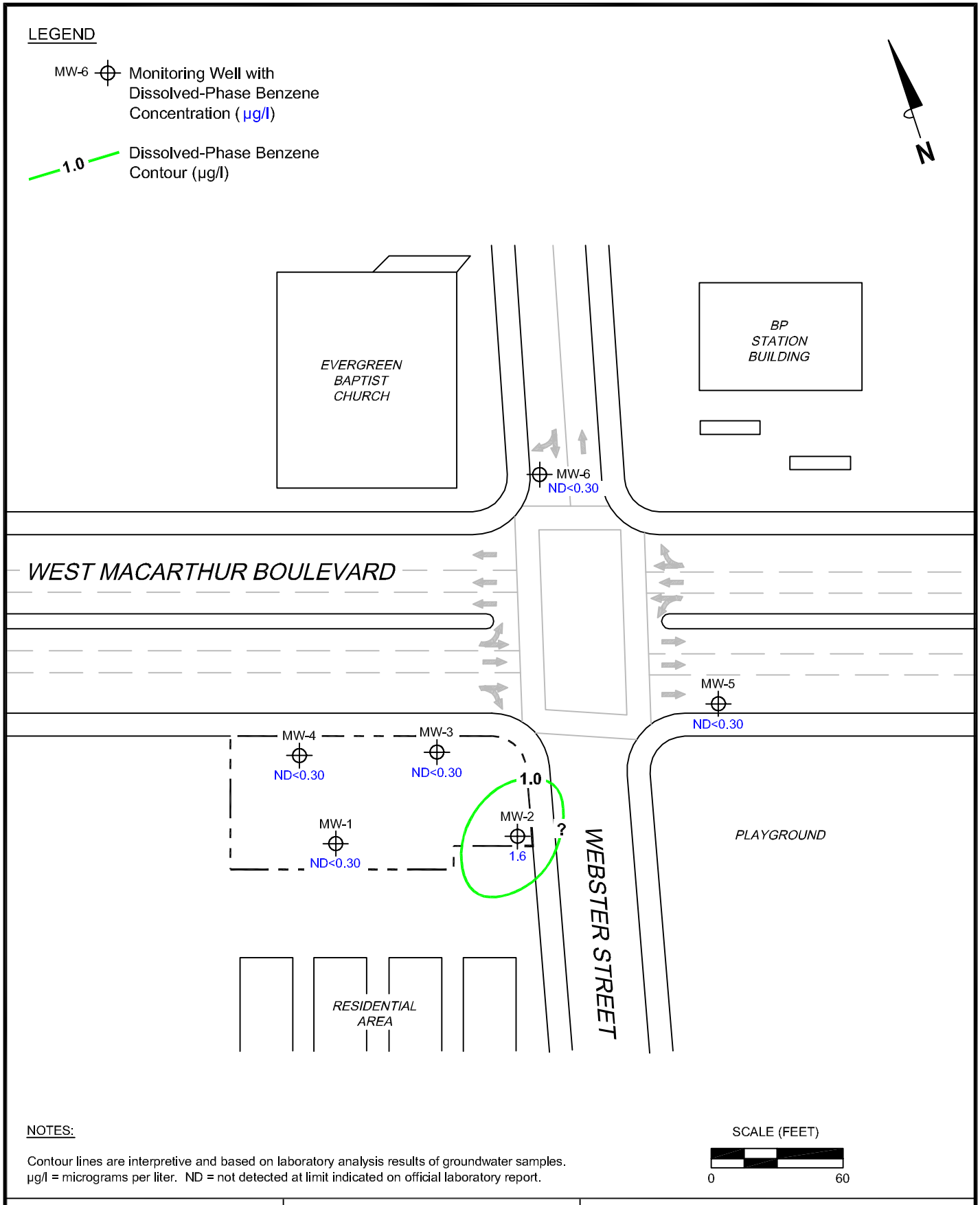
PROJECT: 173845

FACILITY:
FORMER 76 STATION 3538
411 WEST MACARTHUR BLVD.
OAKLAND, CALIFORNIA

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
September 21, 2010

FIGURE 3

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTH\x-3000\3538+\3538-QMS-(NEW).dwg Oct 12, 2010 - 1:08pm bschmidt



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.

SCALE (FEET)

0 60

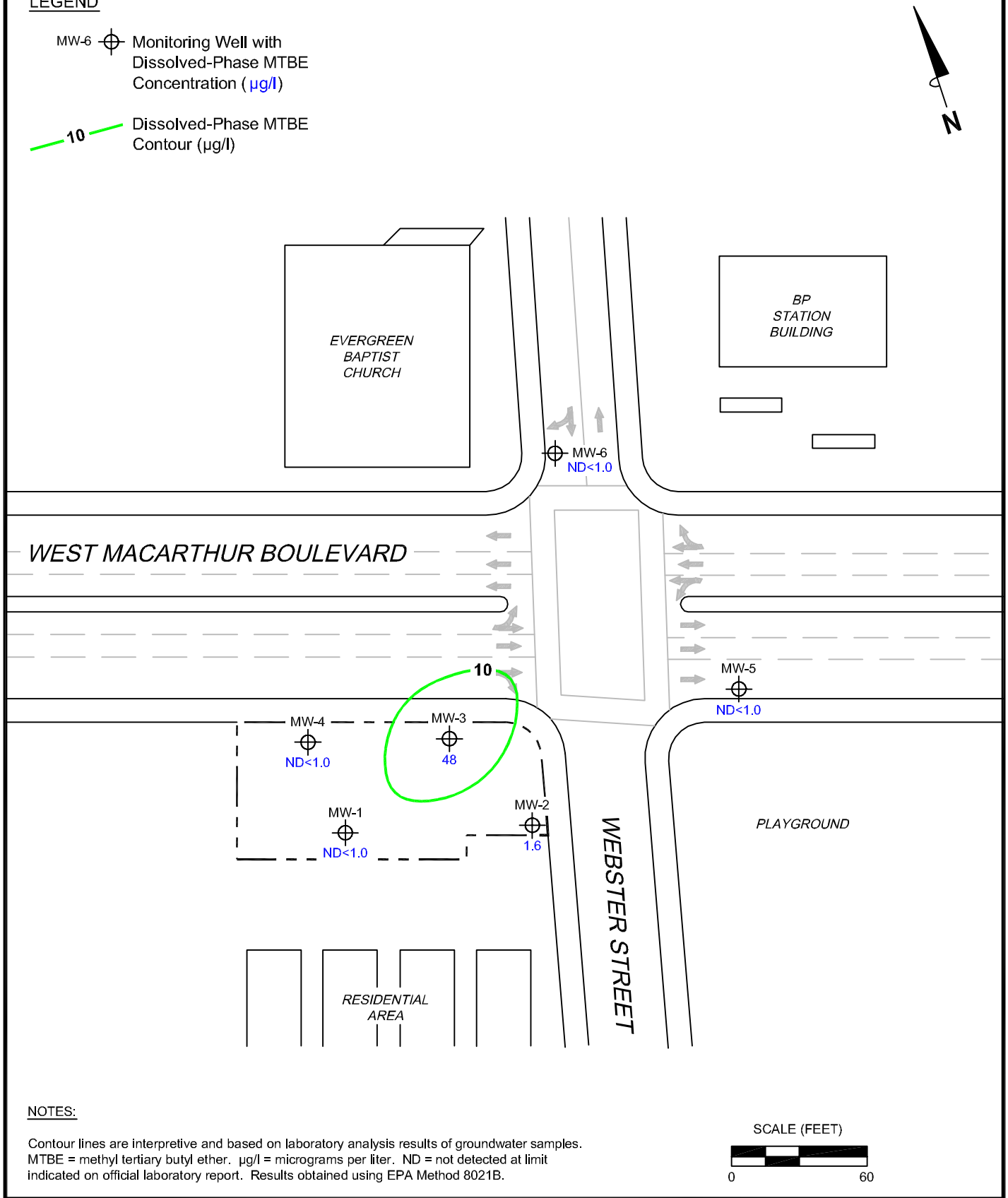
TRC	PROJECT: 173845 FACILITY: FORMER 76 STATION 3538 411 WEST MACARTHUR BLVD. OAKLAND, CALIFORNIA	**DISSOLVED-PHASE BENZENE CONCENTRATION MAP** **September 21, 2010** **FIGURE 4**

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTH\x-3000\3538+\3538-QMS-(NEW).dwg Oct 12, 2010 - 1:08pm bschmidt

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

10 Dissolved-Phase MTBE Contour (µg/l)



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. Results obtained using EPA Method 8021B.

SCALE (FEET)

0 60

TRC

PROJECT: 173845

FACILITY:
FORMER 76 STATION 3538
411 WEST MACARTHUR BLVD.
OAKLAND, CALIFORNIA

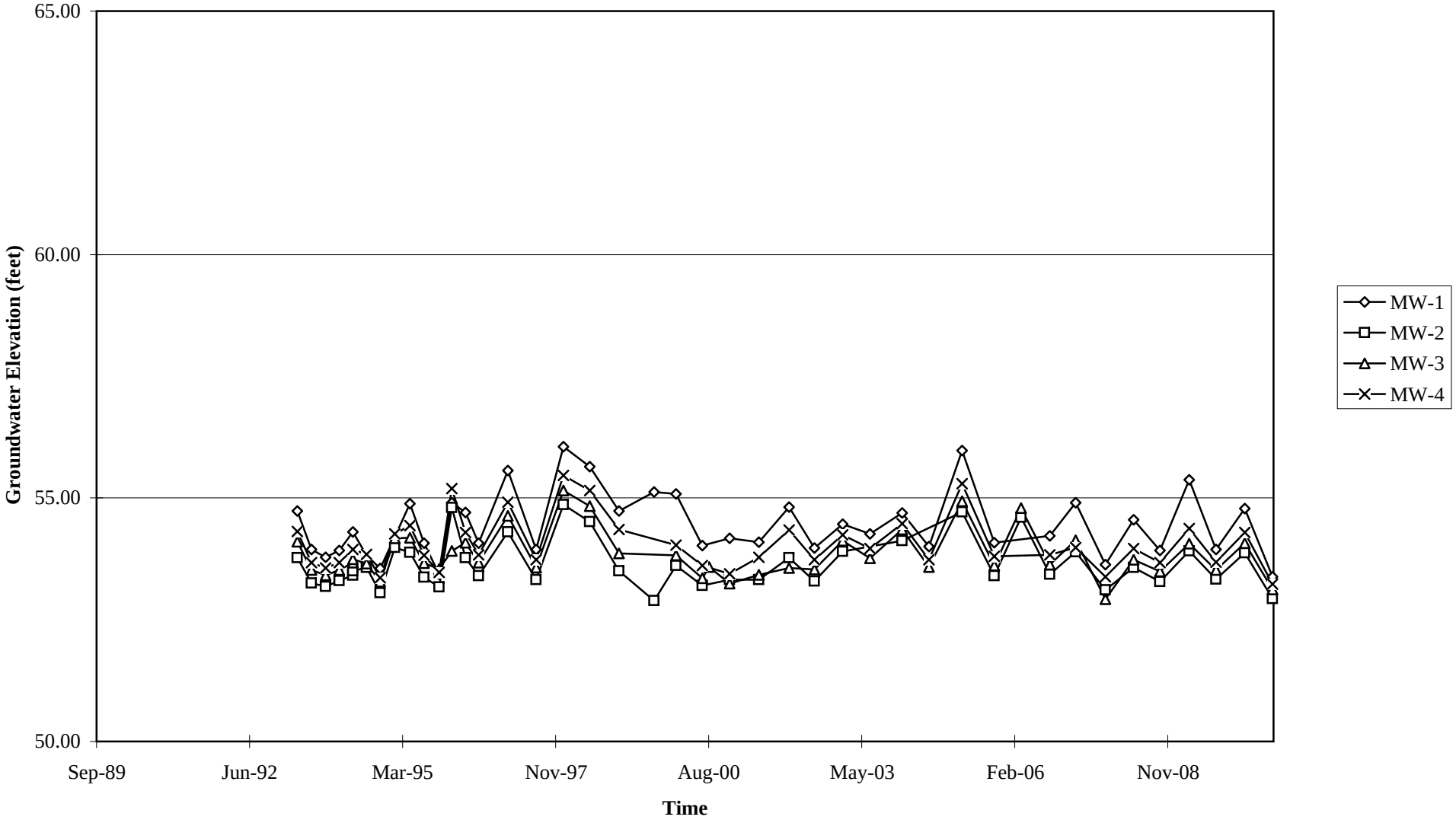
DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 21, 2010

FIGURE 5

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTH\x-3000\3538+\3538-QMS-(NEW).dwg Oct 12, 2010 - 1:09pm bschmidt

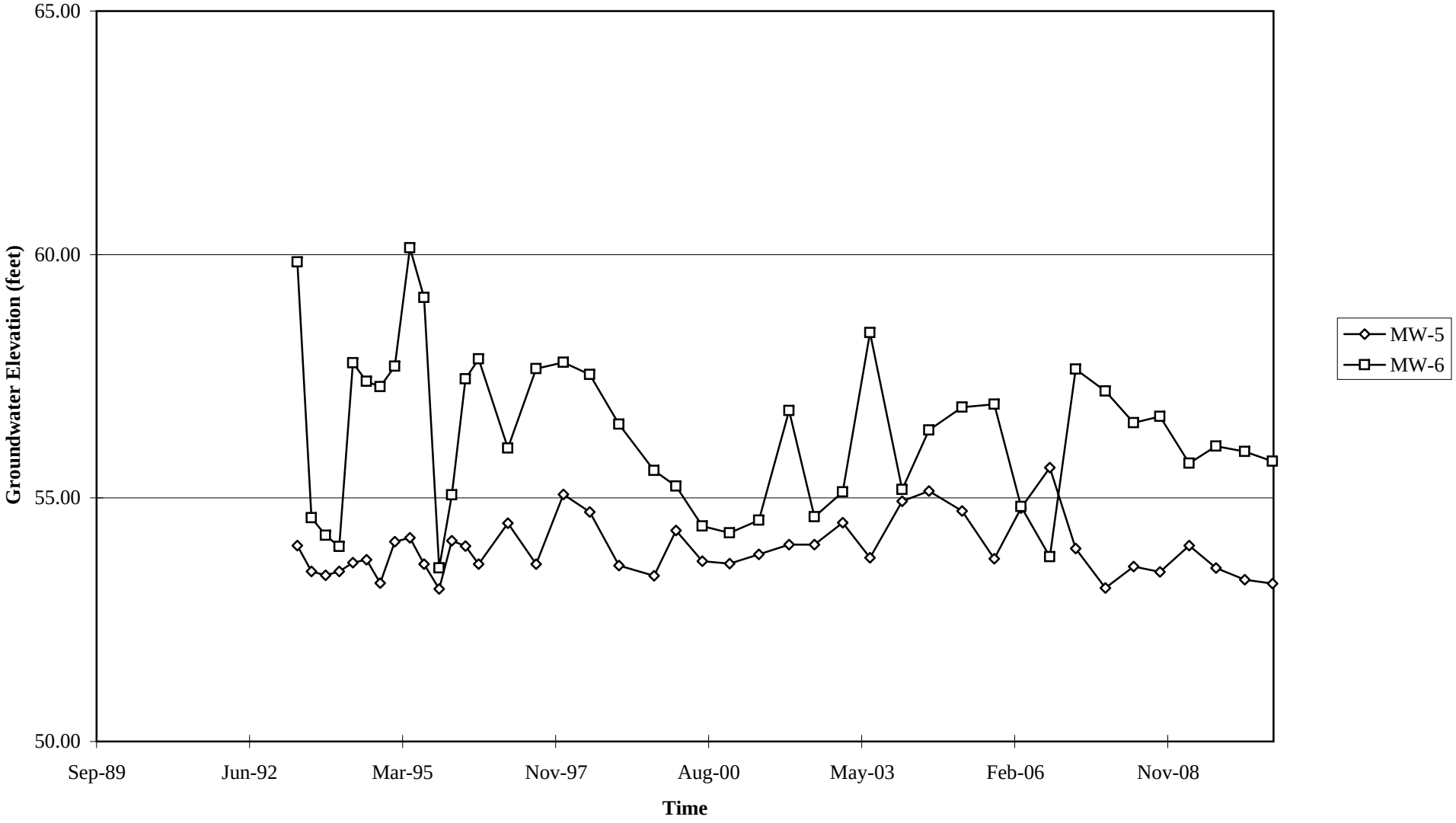
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 3538



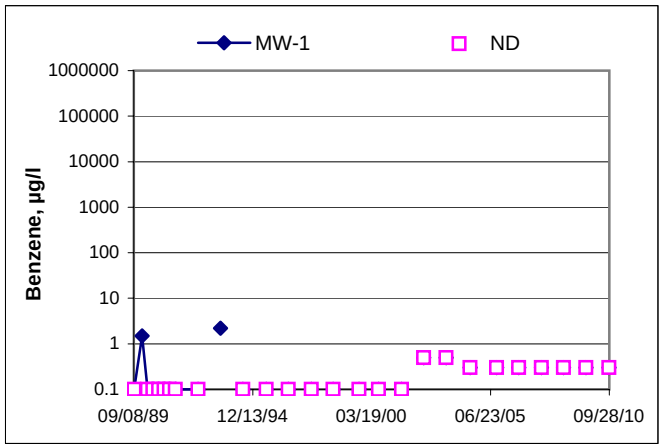
Elevations may have been corrected for apparent changes due to resurvey

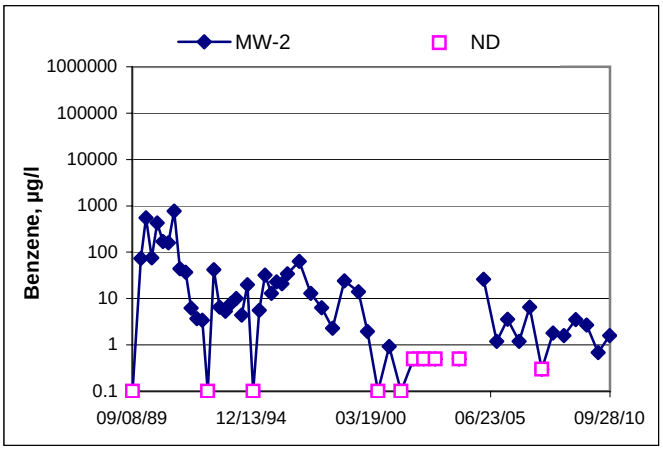
Groundwater Elevations vs. Time
Former 76 Station 3538

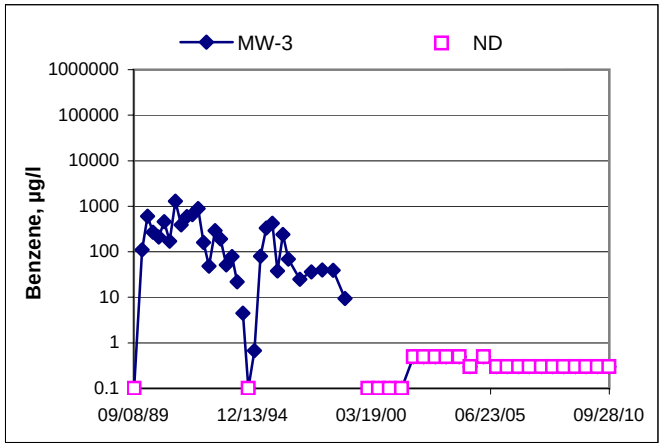


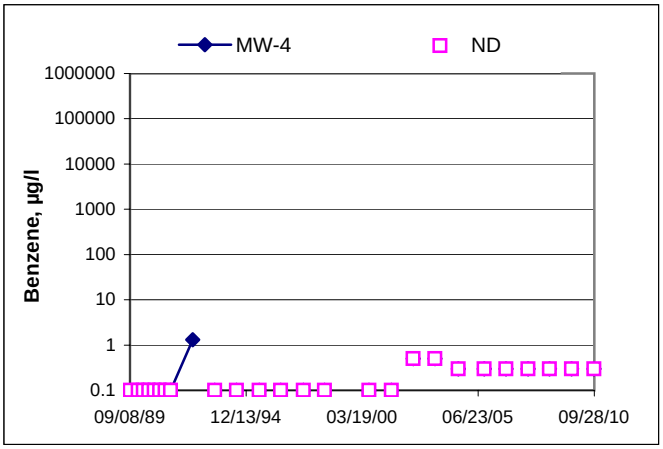
Elevations may have been corrected for apparent changes due to resurvey

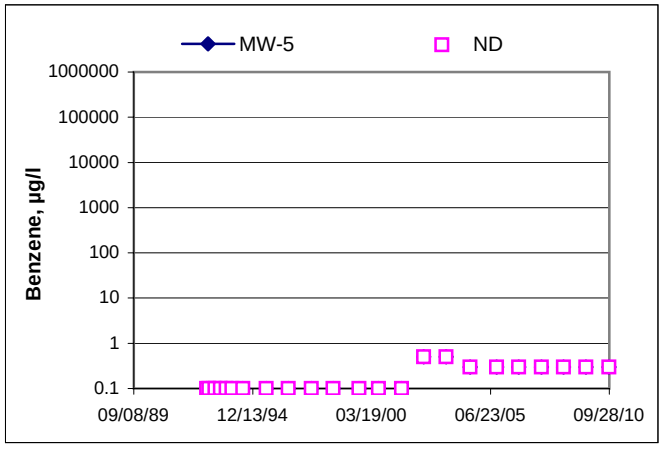
Benzene Concentrations vs Time
Former 76 Station 3538

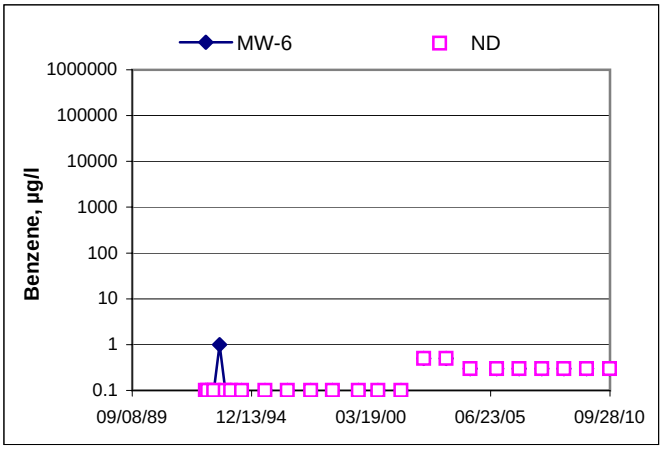












GENERAL FIELD PROCEDURES

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: A. Vidners Job #/Task #: 173845/FA20 Date: 09/21/10

Site # 3538 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-6	✓	0701	30.08	15.62	—	—	1005	2"
MW-5	✓	0709	30.15	17.92	—	—	0950	2"
MW-4	✓	0717	24.73	18.31	—	—	0830	2"
MW-1	✓	0721	23.96	18.74	—	—	0850	2"
MW-3	✓	0725	27.17	18.28	—	—	0909	2"
MW-2	✓	0730	24.58	18.41	—	—	0930	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 3538 Project No.: 173845 Date: 09/21/10

Well No. MW-6 Purge Method: Sub

Depth to Water (feet): 15.62 Depth to Product (feet): —

Total Depth (feet) 30.08 LPH & Water Recovered (gallons): —

Water Column (feet): 14.46 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 18.51 1 Well Volume (gallons): 3

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									
0747			3	577.9	18.9	7.08			
			6	776.5	19.1	6.89			
			9	835.5	19.1	6.83			
	0753		12	838.5	19.1	6.78			

Static at Time Sampled	Total Gallons Purged	Sample Time
15.88	12	1005

Comments:

Well No. MW-5 Purge Method: Sub

Depth to Water (feet): 17.92 Depth to Product (feet): —

Total Depth (feet) 30.15 LPH & Water Recovered (gallons): —

Water Column (feet): 12.23 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 20.37 1 Well Volume (gallons): 3

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									
0807			3	1142	19.2	6.46			
			6	1133	19.4	6.34			
	0812		9	1136	19.4	6.29			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.48	9	0950

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vickers

Site: 3538 Project No.: 173845 Date: 09/21/10

Well No. MW-4 Purge Method: Sub

Depth to Water (feet): 18.31 Depth to Product (feet): —

Total Depth (feet) 24.73 LPH & Water Recovered (gallons): —

Water Column (feet): 6.42 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 19.59 1 Well Volume (gallons): 2

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									
0822			2	963.2	18.6	6.50			
			4	903.6	18.9	6.46			
	0826		6	885.2	19.0	6.41			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.92	6	0830

Comments:

Well No. MW-1 Purge Method: HB

Depth to Water (feet): 18.74 Depth to Product (feet): —

Total Depth (feet) 23.96 LPH & Water Recovered (gallons): —

Water Column (feet): 5.22 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 19.79 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0837			1	583.0	17.5	6.68			
			2	572.4	17.5	6.53			
	0842		3	572.8	17.5	6.47			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.07	3	0850

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: A. Vidvers

Site: 3538 Project No.: 173845 Date: 09/21/10

Well No. MW-3 Purge Method: Sub

Depth to Water (feet): 18.28 Depth to Product (feet): —

Total Depth (feet) 27.17 LPH & Water Recovered (gallons): —

Water Column (feet): 8.89 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 20.06 1 Well Volume (gallons): 2

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									
0900			2	821.3	18.5	6.45			
			4	855.1	19.0	6.39			
	0904		6	865.5	19.1	6.36			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.31	6	0909

Comments:

Well No. MW-2 Purge Method: Sub

Depth to Water (feet): 18.41 Depth to Product (feet): —

Total Depth (feet) 24.58 LPH & Water Recovered (gallons): —

Water Column (feet): 6.17 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 19.64 1 Well Volume (gallons): 2

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									
0919			2	814.2	19.1	6.34			
			4	823.2	19.2	6.32			
	0923		6	827.4	19.1	6.31			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.43	6	0930

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 10/07/2010

Anju Farfan

TRC
123 Technology Drive
Irvine, CA 92618

RE: 3538
BC Work Order: 1013280
Invoice ID: B087987

Enclosed are the results of analyses for samples received by the laboratory on 9/21/2010. 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

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

Table of Contents

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

10-13280

Analysis Requested

Bill to: Conoco Phillips/ TRC	Consultant Firm: TRC
Address: 411 West MacArthur Blvd	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Oakland	4-digit site#: 3538 Workorder # 0178-451298449
State: CA Zip:	Project #: 173845
Conoco Phillips Mgr: Bill Borgh	Sampler Name: A. Vidners

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	Matrix	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH –G by GC/MS	EDB/EDC by 8260B	EDB by 504		Turnaround Time Requested
	-1	MW-6	09/21/10 1005	6	X							X			STD
	-2	MW-5	↓ 0950	↓	↓							↓			↓
	-3	MW-4	0830	↓	↓							↓			↓
	-4	MW-1	0850	9	↓							↓	X		↓
	-5	MW-3	0909	↓	↓							↓	X		↓
	-6	MW-2	↓ 0930	↓	↓							↓	X		↓

CHK BY DISTRIBUTION SUB-OUT

Comments:

GLOBAL ID: T0600101472

Relinquished by: (Signature)	Received by:	Date & Time
[signature]	Ross Dickey	9/21/10 1330
Ross Dickey 9/21/10	[signature]	9/21/10 1810
[signature]	[signature]	9/21/10 2100

Chain of Custody and Cooler Receipt Form for 1013280 Page 2 of 2

SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 1 Of 1

BC LABORATORIES INC.

Submission #: 10-13280

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: 0.95 Container: QTA Thermometer ID: 123

Temperature: A 1.4 °C / C 1.4 °C

Date/Time 9-22-10 2120

Analyst Init JDW

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
7oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
P1A PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A10	A10	A10	A10	A10	A10				
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504				B3	B3	B3				
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										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: JDW Date/Time: 9/22/10 1730

A = Actual / C = Corrected

[H:\DOCS\WP\SRLAB_DOCS\FORMS\SAMREC1.WPD]

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1013280-01	**COC Number:**	---	**Receive Date:** 09/21/2010 21:00
	Project Number:	3538	**Sampling Date:** 09/21/2010 10:05
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-6	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600101472
			Location ID (FieldPoint): MW-6
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1013280-02	**COC Number:**	---	**Receive Date:** 09/21/2010 21:00
	Project Number:	3538	**Sampling Date:** 09/21/2010 09:50
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-5	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600101472
			Location ID (FieldPoint): MW-5
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1013280-03	**COC Number:**	---	**Receive Date:** 09/21/2010 21:00
	Project Number:	3538	**Sampling Date:** 09/21/2010 08:30
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-4	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600101472
			Location ID (FieldPoint): MW-4
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1013280-04	**COC Number:**	---	**Receive Date:** 09/21/2010 21:00
	Project Number:	3538	**Sampling Date:** 09/21/2010 08:50
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-1	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600101472
			Location ID (FieldPoint): MW-1
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1013280-05	**COC Number:**	---	**Receive Date:** 09/21/2010 21:00
	Project Number:	3538	**Sampling Date:** 09/21/2010 09:09
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-3	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600101472
			Location ID (FieldPoint): MW-3
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1013280-06	**COC Number:**	---	**Receive Date:** 09/21/2010 21:00
	Project Number:	3538	**Sampling Date:** 09/21/2010 09:30
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-2	**Sample Matrix:** Water
	Sampled By:	TRCI	Delivery Work Order:
			Global ID: T0600101472
			Location ID (FieldPoint): MW-2
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1013280-01 | **Client Sample Name:** 3538, MW-6, 9/21/2010 10:05:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	96.9	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	09/24/10	09/24/10 22:14	JSK	HPCHEM	1	BTI1439

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1013280-01 | **Client Sample Name:** 3538, MW-6, 9/21/2010 10:05:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.30	EPA-8021	ND		1
Toluene	ND	ug/L	0.30	EPA-8021	ND		1
Ethylbenzene	ND	ug/L	0.30	EPA-8021	ND		1
Methyl t-butyl ether	ND	ug/L	1.0	EPA-8021	ND		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	ND	ug/L	50	Luft	ND		2
a,a,a-Trifluorotoluene (PID Surrogate)	97.8	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	88.3	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	09/30/10	09/30/10 19:15	jjh	GC-V4	1	BTI1873
2	Luft	09/30/10	09/30/10 19:15	jjh	GC-V4	1	BTI1873

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1013280-02 | **Client Sample Name:** 3538, MW-5, 9/21/2010 9:50:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	96.6	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	09/24/10	09/24/10 22:34	JSK	HPCHEM	1	BTI1439

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1013280-02 | **Client Sample Name:** 3538, MW-5, 9/21/2010 9:50:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.30	EPA-8021	ND		1
Toluene	ND	ug/L	0.30	EPA-8021	ND		1
Ethylbenzene	ND	ug/L	0.30	EPA-8021	ND		1
Methyl t-butyl ether	ND	ug/L	1.0	EPA-8021	ND		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	ND	ug/L	50	Luft	ND		2
a,a,a-Trifluorotoluene (PID Surrogate)	99.9	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	88.9	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	09/30/10	09/30/10 19:36	jjh	GC-V4	1	BTI1873
2	Luft	09/30/10	09/30/10 19:36	jjh	GC-V4	1	BTI1873

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1013280-03 | **Client Sample Name:** 3538, MW-4, 9/21/2010 8:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	09/24/10	09/24/10 22:55	JSK	HPCHEM	1	BTI1439

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1013280-03 | **Client Sample Name:** 3538, MW-4, 9/21/2010 8:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.30	EPA-8021	ND		1
Toluene	ND	ug/L	0.30	EPA-8021	ND		1
Ethylbenzene	ND	ug/L	0.30	EPA-8021	ND		1
Methyl t-butyl ether	ND	ug/L	1.0	EPA-8021	ND		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	ND	ug/L	50	Luft	ND		2
a,a,a-Trifluorotoluene (PID Surrogate)	96.8	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	89.0	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	09/30/10	09/30/10 19:58	jjh	GC-V4	1	BTI1873
2	Luft	09/30/10	09/30/10 19:58	jjh	GC-V4	1	BTI1873

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

EDB/DBCP Analysis (EPA Method 504.1)

BCL Sample ID: 1013280-04 | **Client Sample Name:** 3538, MW-1, 9/21/2010 8:50:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethylene dibromide	ND	ug/L	0.010	EPA-504.1	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-504.1	10/06/10	10/07/10 03:30	VH1	GC-4	0.940	BTJ0352

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1013280-04 | **Client Sample Name:** 3538, MW-1, 9/21/2010 8:50:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	09/24/10	09/24/10 23:16	JSK	HPCHEM	1	BTI1439

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1013280-04 | **Client Sample Name:** 3538, MW-1, 9/21/2010 8:50:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.30	EPA-8021	ND		1
Toluene	ND	ug/L	0.30	EPA-8021	ND		1
Ethylbenzene	ND	ug/L	0.30	EPA-8021	ND		1
Methyl t-butyl ether	ND	ug/L	1.0	EPA-8021	ND		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	ND	ug/L	50	Luft	ND		2
a,a,a-Trifluorotoluene (PID Surrogate)	98.9	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	88.4	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	09/30/10	09/30/10 20:19	jjh	GC-V4	1	BTI1873
2	Luft	09/30/10	09/30/10 20:19	jjh	GC-V4	1	BTI1873

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

EDB/DBCP Analysis (EPA Method 504.1)

BCL Sample ID: 1013280-05 | **Client Sample Name:** 3538, MW-3, 9/21/2010 9:09:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethylene dibromide	ND	ug/L	0.010	EPA-504.1	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-504.1	10/06/10	10/07/10 03:44	VH1	GC-4	0.943	BTJ0352

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1013280-05 | **Client Sample Name:** 3538, MW-3, 9/21/2010 9:09:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	99.3	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	09/24/10	09/24/10 23:37	JSK	HPCHEM	1	BTI1439

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1013280-05 | **Client Sample Name:** 3538, MW-3, 9/21/2010 9:09:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.30	EPA-8021	ND		1
Toluene	ND	ug/L	0.30	EPA-8021	ND		1
Ethylbenzene	ND	ug/L	0.30	EPA-8021	ND		1
Methyl t-butyl ether	**48**	**ug/L**	**1.0**	**EPA-8021**	**ND**		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	**69**	**ug/L**	**50**	**Luft**	**ND**	**A91**	2
a,a,a-Trifluorotoluene (PID Surrogate)	99.3	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	90.5	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	09/30/10	09/30/10 20:40	jjh	GC-V4	1	BTI1873
2	Luft	09/30/10	09/30/10 20:40	jjh	GC-V4	1	BTI1873

TRC
123 Technology Drive
Irvine, CA 92618

Reported: 10/07/2010 14:27
Project: 3538
Project Number: 4512981449
Project Manager: Anju Farfan

EDB/DBCP Analysis (EPA Method 504.1)

BCL Sample ID: 1013280-06 | **Client Sample Name:** 3538, MW-2, 9/21/2010 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Ethylene dibromide	ND	ug/L	0.010	EPA-504.1	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-504.1	10/06/10	10/07/10 03:59	VH1	GC-4	0.952	BTJ0352

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1013280-06 | **Client Sample Name:** 3538, MW-2, 9/21/2010 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.1	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	09/24/10	09/24/10 23:57	JSK	HPCHEM	1	BTI1592

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1013280-06 | **Client Sample Name:** 3538, MW-2, 9/21/2010 9:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**1.6**	**ug/L**	**0.30**	**EPA-8021**	**ND**		1
Toluene	ND	ug/L	0.30	EPA-8021	ND		1
Ethylbenzene	ND	ug/L	0.30	EPA-8021	ND		1
Methyl t-butyl ether	**1.6**	**ug/L**	**1.0**	**EPA-8021**	**ND**		1
Total Xylenes	ND	ug/L	0.60	EPA-8021	ND		1
Gasoline Range Organics (C4 - C12)	**69**	**ug/L**	**50**	**Luft**	**ND**		2
a,a,a-Trifluorotoluene (PID Surrogate)	96.9	%	70 - 130 (LCL - UCL)	EPA-8021			1
a,a,a-Trifluorotoluene (FID Surrogate)	91.5	%	70 - 130 (LCL - UCL)	Luft			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8021	09/30/10	09/30/10 21:01	jjh	GC-V4	1	BTI1873
2	Luft	09/30/10	09/30/10 21:01	jjh	GC-V4	1	BTI1873

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EDB/DBCP Analysis (EPA Method 504.1)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BTJ0352						
Ethylene dibromide	BTJ0352-BLK1	ND	ug/L	0.010		

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EDB/DBCP Analysis (EPA Method 504.1)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BTJ0352										
Ethylene dibromide	BTJ0352-BS1	LCS	0.41920	0.35714	ug/L	117		59 - 140		

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EDB/DBCP Analysis (EPA Method 504.1)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BTJ0352	Used client sample: N										
Ethylene dibromide	MS	1013191-20	ND	0.43513	0.35714	ug/L		122		51 - 141	
	MSD	1013191-20	ND	0.44302	0.35714	ug/L	1.8	124	30	51 - 141	

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BTI1439						
1,2-Dibromoethane	BTI1439-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BTI1439-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane-d4 (Surrogate)	BTI1439-BLK1	96.3	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTI1439-BLK1	99.7	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTI1439-BLK1	93.5	%	86 - 115 (LCL - UCL)		
QC Batch ID: BTI1592						
Benzene	BTI1592-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BTI1592-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BTI1592-BLK1	ND	ug/L	0.50		
Toluene	BTI1592-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane-d4 (Surrogate)	BTI1592-BLK1	88.0	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTI1592-BLK1	99.1	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTI1592-BLK1	99.2	%	86 - 115 (LCL - UCL)		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BTI1439										
1,2-Dichloroethane-d4 (Surrogate)	BTI1439-BS1	LCS	10.410	10.000	ug/L	104		76 - 114		
Toluene-d8 (Surrogate)	BTI1439-BS1	LCS	10.110	10.000	ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BTI1439-BS1	LCS	10.420	10.000	ug/L	104		86 - 115		
QC Batch ID: BTI1592										
Benzene	BTI1592-BS1	LCS	26.000	25.000	ug/L	104		70 - 130		
Toluene	BTI1592-BS1	LCS	23.850	25.000	ug/L	95.4		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BTI1592-BS1	LCS	9.7400	10.000	ug/L	97.4		76 - 114		
Toluene-d8 (Surrogate)	BTI1592-BS1	LCS	9.9100	10.000	ug/L	99.1		88 - 110		
4-Bromofluorobenzene (Surrogate)	BTI1592-BS1	LCS	9.8800	10.000	ug/L	98.8		86 - 115		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BTI1439	Used client sample: N										
1,2-Dichloroethane-d4 (Surrogate)	MS	1013191-07	ND	9.9700	10.000	ug/L		99.7		76 - 114	
	MSD	1013191-07	ND	10.460	10.000	ug/L		105		76 - 114	
Toluene-d8 (Surrogate)	MS	1013191-07	ND	10.010	10.000	ug/L		100		88 - 110	
	MSD	1013191-07	ND	10.140	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1013191-07	ND	10.320	10.000	ug/L		103		86 - 115	
	MSD	1013191-07	ND	10.070	10.000	ug/L		101		86 - 115	
QC Batch ID: BTI1592	Used client sample: N										
Benzene	MS	1013191-10	ND	26.340	25.000	ug/L		105		70 - 130	
	MSD	1013191-10	ND	25.990	25.000	ug/L	1.3	104	20	70 - 130	
Toluene	MS	1013191-10	ND	25.120	25.000	ug/L		100		70 - 130	
	MSD	1013191-10	ND	25.170	25.000	ug/L	0.2	101	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1013191-10	ND	9.9600	10.000	ug/L		99.6		76 - 114	
	MSD	1013191-10	ND	9.6700	10.000	ug/L		96.7		76 - 114	
Toluene-d8 (Surrogate)	MS	1013191-10	ND	10.130	10.000	ug/L		101		88 - 110	
	MSD	1013191-10	ND	10.070	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	MS	1013191-10	ND	10.230	10.000	ug/L		102		86 - 115	
	MSD	1013191-10	ND	10.140	10.000	ug/L		101		86 - 115	

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BTI1873						
Benzene	BTI1873-BLK1	ND	ug/L	0.30		
Toluene	BTI1873-BLK1	ND	ug/L	0.30		
Ethylbenzene	BTI1873-BLK1	ND	ug/L	0.30		
Methyl t-butyl ether	BTI1873-BLK1	ND	ug/L	1.0		
Total Xylenes	BTI1873-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BTI1873-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BTI1873-BLK1	96.8	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BTI1873-BLK1	87.8	%	70 - 130 (LCL - UCL)		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BTI1873										
Benzene	BTI1873-BS1	LCS	36.107	40.000	ug/L	90.3		85 - 115		
Toluene	BTI1873-BS1	LCS	35.135	40.000	ug/L	87.8		85 - 115		
Ethylbenzene	BTI1873-BS1	LCS	36.011	40.000	ug/L	90.0		85 - 115		
Methyl t-butyl ether	BTI1873-BS1	LCS	35.012	40.000	ug/L	87.5		85 - 115		
Total Xylenes	BTI1873-BS1	LCS	104.95	120.00	ug/L	87.5		85 - 115		
Gasoline Range Organics (C4 - C12)	BTI1873-BS1	LCS	1036.9	1000.0	ug/L	104		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BTI1873-BS1	LCS	39.993	40.000	ug/L	100		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BTI1873-BS1	LCS	37.683	40.000	ug/L	94.2		70 - 130		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BTI1873	Used client sample: N										
Benzene	MS	1013191-02	ND	37.699	40.000	ug/L		94.2		70 - 130	
	MSD	1013191-02	ND	35.690	40.000	ug/L	5.5	89.2	20	70 - 130	
Toluene	MS	1013191-02	ND	36.768	40.000	ug/L		91.9		70 - 130	
	MSD	1013191-02	ND	34.691	40.000	ug/L	5.8	86.7	20	70 - 130	
Ethylbenzene	MS	1013191-02	ND	37.605	40.000	ug/L		94.0		70 - 130	
	MSD	1013191-02	ND	35.613	40.000	ug/L	5.4	89.0	20	70 - 130	
Methyl t-butyl ether	MS	1013191-02	ND	36.319	40.000	ug/L		90.8		70 - 130	
	MSD	1013191-02	ND	34.368	40.000	ug/L	5.5	85.9	20	70 - 130	
Total Xylenes	MS	1013191-02	ND	109.54	120.00	ug/L		91.3		70 - 130	
	MSD	1013191-02	ND	103.84	120.00	ug/L	5.3	86.5	20	70 - 130	
Gasoline Range Organics (C4 - C12)	MS	1013191-02	ND	1001.9	1000.0	ug/L		100		70 - 130	
	MSD	1013191-02	ND	1037.8	1000.0	ug/L	3.5	104	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	MS	1013191-02	ND	38.251	40.000	ug/L		95.6		70 - 130	
	MSD	1013191-02	ND	39.108	40.000	ug/L		97.8		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1013191-02	ND	37.684	40.000	ug/L		94.2		70 - 130	
	MSD	1013191-02	ND	37.603	40.000	ug/L		94.0		70 - 130	

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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
A91	TPH does not exhibit a "gasoline" pattern. TPH is entirely due to MTBE.

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring wells is accumulated at TRC's groundwater monitoring field office at Concord, California, for transportation by a licensed carrier to an authorized disposal facility. Currently, non-hazardous purge water is transported under a bulk non-hazardous waste manifest to Crosby and Overton, Inc. in Long Beach, California.

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.

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