November 6, 2008

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

Re: Semi-Annual Status Report – First and Third Quarter 2008
76 Service Station No. 3538
411 W. MacArthur Boulevard
Oakland, California

DELTA

Dear Ms. Jakub,

On behalf of ConocoPhillips Company (ConocoPhillips), Delta Consultants (Delta) is submitting the subject report and forwarding copies of TRC's *Semi-Annual Monitoring Report October 2007 through March 2008,* dated April 15, 2008, and TRC's *Semi-Annual Monitoring Report April through September 2008,* dated October 16, 2008 for the above site. TRC has uploaded copies of their reports to the California State Water Resources Control Board GeoTracker database.

Please contact me at (408) 826-1873 if you have any questions.

Sincerely,
Delta Consultants

PROFESSIONAL GEOLOGIST
DEBORAH BRYAN
NO. 7745
STATE OF CALIFORNIA

Debbie Bryan
P.G. 7745
Project Manager
California Registered Professional Geologist

Enclosure

cc: Mr. Terry Grayson – ConocoPhillips (electronic copy only)
Mr. Arthur Yu and Mr. Kevin Ma – Property Owners

a member of: Inogen Environmental Alliance

312 Piercy Road San Jose, California 95138 USA
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SEMI-ANNUAL STATUS REPORT
First and Third Quarters - 2008

76 Service Station No. 3538
411 W. Mac Arthur Boulevard
Oakland, California

County: Alameda

SITE DESCRIPTION

The subject site is a former Tosco (76) service station located on the southwest corner of Mac Arthur 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 were non-detect for TPH-G and benzene, toluene, ethylbenzene, and xylenes (BTEX.)

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.

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. During the first quarter 2008, the groundwater flow direction beneath the site was reported south at a gradient of 0.02 feet per feet (ft/ft). This is consistent with the current calculated gradient of 0.02 ft/ft south during the third quarter 2008 sampling event.

Dissolved groundwater concentrations are reported as follows.

TPH-G Reported above the laboratory reporting limit at a concentration of 56 ug/l in on-site well MW-3 during third quarter 2008. TPH-G was not detected in well MW-3 during the first quarter 2008 event, and has not been detected in well MW-3, or any site area well, since first quarter 2007

Benzene Continues to be detected in well MW-2 at a concentration of 1.8 ug/l (first quarter 2008), and at 1.6 ug/l (third quarter 2008). Benzene was not reported above laboratory reporting limits in any other sampled well.

MTBE MTBE was detected by EPA Method 8021B in wells MW-2 and MW-3 in both first and third quarter 2008. MTBE was also detected in well MW-6 during the third quarter 2008. Concentrations ranged from 1.3 ug/l to 43 ug/l. Historically, MTBE has been detected fairly consistently in on-site wells MW-2 and MW-3, but MTBE has only been detected in off-site well MW-6 three times since 1996.

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.

CHARACTERIZATION STATUS

The site is monitored and sampled semi-annually. The next monitoring and sampling event is scheduled for the First Quarter 2009.

RECENT CORRESPONDENCE

A letter from the Alameda County Health Care Services Agency (ACHCSA), dated September 3, 2008, was received during the third quarter 2008. The letter commented upon TRC's March 8, 2007 *Off-site Groundwater Investigation Work Plan*, and requested that a *Site Conceptual Model* Report be prepared and submitted by December 31, 2008.

FIRST AND THIRD QUARTER 2008 ACTIVITIES

- Monitoring and sampling of the groundwater monitoring well network was conducted by TRC on March 27, 2008 and on September 17, 2008.

NEXT QUARTER ACTIVITIES (Fourth Quarter 2008)

- TRC prepared the *Semi-Annual Monitoring Report, April through September 2008,* dated October 16, 2008.
- Delta prepared and submitted the *Quarterly Status Report, First and Third Quarters – 2008*, dated November 6, 2008.
- Delta to prepare and submit a *Site Conceptual Model Report* by December 31, 2008.

CONSULTANT: Delta Consultants

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: April 15, 2008

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. BILL BORGH

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

RE: SEMI-ANNUAL MONITORING REPORT
OCTOBER 2007 THROUGH MARCH 2008

Dear Mr. Borgh:

Please find enclosed our Semi-Annual 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. Daniel Davis, Delta Consultants (2 copies)

Enclosures
20-0400/3538R09.QMS

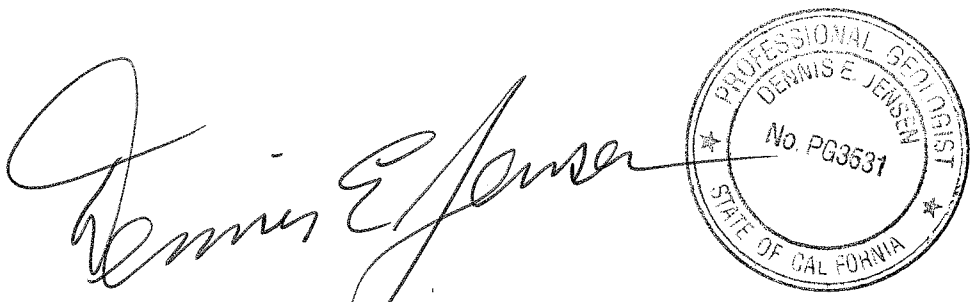
SEMI-ANNUAL MONITORING REPORT
OCTOBER 2007 THROUGH MARCH 2008

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: 4/15/08

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 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
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 – 03/27/08 Groundwater Sampling Field Notes – 03/27/08
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2007 through March 2008
Former 76 Station 3538
411 West MacArthur Blvd.
Oakland, CA

Project Coordinator: **Bill Borgh**
Telephone: **916-558-7612**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **03/27/08**

Sample Points

Groundwater wells: **4** onsite, **2** offsite Points gauged: **6** Points sampled: **2**
Purging method: **Bailer**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **14.83 feet** Maximum: **17.77 feet**
Average groundwater elevation (relative to available local datum): **54.32 feet**
Average change in groundwater elevation since previous event: **0.43 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.02 ft/ft, south**
Previous event: **0.03 ft/ft, south (09/27/07)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **1** Sample Points above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **1.8 µg/l (MW-2)**

Sample Points with **TPH-G** **0**
Sample Points with **MTBE 8260B** **0**

Notes:

MW-1=Sampled Q3 only, MW-4=Sampled Q3 only, MW-5=Sampled Q3 only, MW-6=Sampled Q3 only,

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling 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 (8015M)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)			Comments	

Historic Data

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

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 27, 2008

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 (8015M) (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													
03/27/08	72.12	17.57	0.00	54.55	0.92	--	--	--	--	--	--	--	Sampled Q3 only
MW-2													
03/27/08	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	--	
MW-3													
03/27/08	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	--	
MW-4													
03/27/08	71.54	17.58	0.00	53.96	0.58	--	--	--	--	--	--	--	Sampled Q3 only
MW-5													
03/27/08	71.16	17.57	0.00	53.59	0.44	--	--	--	--	--	--	--	Sampled Q3 only
MW-6													
03/27/08	71.37	14.83	0.00	56.54	-0.65	--	--	--	--	--	--	--	Sampled Q3 only

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
09/15/89	--	--	--	--	--	ND	ND	0.61	ND	ND	--	--	
01/23/90	--	--	--	--	--	ND	1.5	2.3	ND	4.3	--	--	
04/19/90	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
07/17/90	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
10/16/90	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
01/15/91	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
04/12/91	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
07/15/91	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
07/14/92	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
04/13/93	72.43	17.70	0.00	54.73	--	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/14/93	72.43	18.49	0.00	53.94	-0.79	ND	2.2	2.1	1.1	6.2	--	--	
10/14/93	72.10	18.32	0.00	53.78	-0.16	--	--	--	--	--	--	--	
01/12/94	72.10	18.18	0.00	53.92	0.14	--	--	--	--	--	--	--	
04/11/94	72.10	17.80	0.00	54.30	0.38	--	--	--	--	--	--	--	
07/07/94	72.10	18.28	0.00	53.82	-0.48	ND	ND	ND	ND	ND	--	--	
10/05/94	72.10	18.55	0.00	53.55	-0.27	--	--	--	--	--	--	--	
01/09/95	72.10	17.90	0.00	54.20	0.65	--	--	--	--	--	--	--	
04/17/95	72.10	17.22	0.00	54.88	0.68	--	--	--	--	--	--	--	
07/19/95	72.10	18.03	0.00	54.07	-0.81	ND	ND	ND	ND	ND	--	--	
10/26/95	72.10	18.67	0.00	53.43	-0.64	--	--	--	--	--	--	--	
01/16/96	72.10	17.20	0.00	54.90	1.47	--	--	--	--	--	--	--	
04/15/96	72.10	17.40	0.00	54.70	-0.20	--	--	--	--	--	--	--	
07/11/96	72.10	18.03	0.00	54.07	-0.63	ND	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
01/17/97	72.10	16.54	0.00	55.56	1.49	--	--	--	--	--	--	--	
07/21/97	72.10	18.16	0.00	53.94	-1.62	ND	ND	ND	ND	ND	ND	--	
01/14/98	72.10	16.05	0.00	56.05	2.11	--	--	--	--	--	--	--	
07/06/98	72.10	16.46	0.00	55.64	-0.41	ND	ND	ND	ND	ND	ND	--	
01/13/99	72.10	17.37	0.00	54.73	-0.91	--	--	--	--	--	--	--	
08/31/99	72.12	17.00	0.00	55.12	0.39	ND	ND	ND	ND	ND	ND	--	
01/21/00	72.12	17.04	0.00	55.08	-0.04	--	--	--	--	--	--	--	
07/10/00	72.12	18.10	0.00	54.02	-1.06	ND	ND	ND	ND	ND	ND	--	
01/04/01	72.12	17.95	0.00	54.17	0.15	--	--	--	--	--	--	--	
07/16/01	72.12	18.03	0.00	54.09	-0.08	ND	ND	ND	ND	ND	ND	--	
01/28/02	72.12	17.31	0.00	54.81	0.72	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/12/02	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	--	
01/14/03	72.12	17.66	0.00	54.46	0.49	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/10/03	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	--	
02/04/04	72.12	17.43	0.00	54.69	0.43	--	--	--	--	--	--	--	Monitored Only
07/29/04	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	
03/02/05	72.12	16.15	0.00	55.97	1.97	--	--	--	--	--	--	--	Sampled Annually
09/30/05	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	
03/23/06	72.12	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to gate, Sampled Q3 only
09/26/06	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	
03/15/07	72.12	17.22	0.00	54.90	0.68	--	--	--	--	--	--	--	Sampled Q3 only
09/27/07	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	
03/27/08	72.12	17.57	0.00	54.55	0.92	--	--	--	--	--	--	--	Sampled Q3 only

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
09/15/89	--	--	--	--	--	290	ND	12	ND	ND	--	--	
01/23/90	--	--	--	--	--	400	73	36	10	40	--	--	
04/19/90	--	--	--	--	--	3900	550	5.1	91	390	--	--	
07/17/90	--	--	--	--	--	490	76	0.59	11	46	--	--	
10/16/90	--	--	--	--	--	1400	430	2.0	48	240	--	--	
01/15/91	--	--	--	--	--	680	170	0.7	19	81	--	--	
04/12/91	--	--	--	--	--	2200	160	4.3	23	62	--	--	
07/15/91	--	--	--	--	--	2200	770	12	72	370	--	--	
10/15/91	--	--	--	--	--	140	44	0.56	1.5	12	--	--	
01/15/92	--	--	--	--	--	220	37	0.52	1.1	7	--	--	
04/14/92	--	--	--	--	--	150	6.2	ND	ND	1.4	--	--	
07/14/92	--	--	--	--	--	130	3.7	ND	ND	ND	--	--	
10/12/92	--	--	--	--	--	370	3.4	0.56	ND	11	--	--	
01/08/93	--	--	--	--	--	510	ND	ND	ND	ND	--	--	
04/13/93	71.63	17.86	0.00	53.77	--	410	42	7.7	6.4	28	200	--	
07/14/93	71.63	18.38	0.00	53.25	-0.52	110	6.5	ND	ND	1.1	250	--	
10/14/93	71.38	18.20	0.00	53.18	-0.07	230	5.3	ND	ND	2.1	--	--	
01/12/94	71.38	18.08	0.00	53.30	0.12	300	7.8	3.8	1.8	10	--	--	
04/09/94	71.38	17.97	0.00	53.41	0.11	120	10	0.88	1.1	4.9	--	--	
04/11/94	71.38	17.88	0.00	53.50	0.09	--	--	--	--	--	--	--	
07/07/94	71.38	17.81	0.00	53.57	0.07	110	4.4	ND	ND	ND	--	--	
10/05/94	71.38	18.33	0.00	53.05	-0.52	720	20	ND	ND	3.1	--	--	
01/09/95	71.38	17.40	0.00	53.98	0.93	ND	ND	ND	ND	ND	--	--	
04/17/95	71.38	17.50	0.00	53.88	-0.10	93	5.6	0.62	1.7	5.5	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
07/19/95	71.38	18.01	0.00	53.37	-0.51	77	32	0.58	1.7	4.1	--	--	
10/26/95	71.38	18.21	0.00	53.17	-0.20	54	13	ND	ND	0.72	220	--	
01/16/96	71.38	16.58	0.00	54.80	1.63	120	23	ND	ND	0.99	--	--	
04/15/96	71.38	17.61	0.00	53.77	-1.03	340	21	ND	2.2	3.7	45	--	
07/11/96	71.38	17.98	0.00	53.40	-0.37	540	34	ND	4.3	12	150	--	
01/17/97	71.38	17.08	0.00	54.30	0.90	320	63	2.4	9.4	26	260	--	
07/21/97	71.38	18.06	0.00	53.32	-0.98	160	13	ND	1.3	1.6	180	--	
01/14/98	71.38	16.52	0.00	54.86	1.54	66	6.3	ND	ND	0.98	100	--	
07/06/98	71.38	16.87	0.00	54.51	-0.35	ND	2.3	ND	ND	ND	11	--	
01/13/99	71.38	17.88	0.00	53.50	-1.01	53	24	ND	0.52	0.98	120	--	
08/31/99	71.34	18.45	0.00	52.89	-0.61	86	14	ND	0.63	ND	21	--	
01/21/00	71.34	17.73	0.00	53.61	0.72	ND	1.94	ND	ND	ND	10.1	--	
07/10/00	71.34	18.14	0.00	53.20	-0.41	ND	ND	ND	ND	ND	46.6	--	
01/04/01	71.34	18.02	0.00	53.32	0.12	ND	0.925	ND	ND	ND	ND	--	
07/16/01	71.34	18.02	0.00	53.32	0.00	ND	ND	ND	ND	ND	ND	--	
01/28/02	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	--	
07/12/02	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	--	
01/14/03	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	--	
07/10/03	71.34	--	--	--	--	--	--	--	--	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL
02/04/04	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	--	
07/29/04	71.34	--	--	--	--	--	--	--	--	--	--	--	Inaccessible-car parked on well
03/02/05	71.34	16.63	0.00	54.71	--	99	26	ND<0.50	3.5	2.8	ND<5.0	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
09/30/05	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	--	
03/23/06	71.34	16.74	0.00	54.60	1.20	ND<50	3.6	ND<0.30	0.35	ND<0.60	2.5	--	
09/26/06	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	--	
03/15/07	71.34	17.45	0.00	53.89	0.46	110	6.5	ND<0.30	0.70	ND<0.60	1.7	--	
09/27/07	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	--	
03/27/08	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	--	
MW-3													
09/15/89	--	--	--	--	--	32	ND	ND	ND	ND	--	--	
01/23/90	--	--	--	--	--	450	110	1.2	4.4	11	--	--	
04/19/90	--	--	--	--	--	3100	600	27	54	220	--	--	
07/17/90	--	--	--	--	--	4000	270	48	130	250	--	--	
10/16/90	--	--	--	--	--	740	210	1.4	2.5	82	--	--	
01/15/91	--	--	--	--	--	3200	460	1.5	120	270	--	--	
04/12/91	--	--	--	--	--	880	170	1.1	34	110	--	--	
07/15/91	--	--	--	--	--	9200	1300	230	490	1900	--	--	
10/15/91	--	--	--	--	--	3100	390	34	150	390	--	--	
01/15/92	--	--	--	--	--	3000	590	14	310	750	--	--	
04/14/92	--	--	--	--	--	14000	660	48	560	2000	--	--	
07/14/92	--	--	--	--	--	21000	890	200	1200	4300	--	--	
10/12/92	--	--	--	--	--	3200	160	10	230	540	--	--	
01/08/93	--	--	--	--	--	1100	48	0.99	0.9	93	--	--	
04/13/93	72.06	17.96	0.00	54.10	--	12000	290	38	760	2300	1400	--	
07/14/93	72.06	18.54	0.00	53.52	-0.58	6300	190	ND	430	1000	860	--	
10/14/93	71.86	18.45	0.00	53.41	-0.11	2500	52	ND	110	250	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
01/12/94	71.86	18.34	0.00	53.52	0.11	3800	78	ND	180	390	--	--	
04/09/94	71.86	18.19	0.00	53.67	0.15	1800	22	ND	140	280	--	--	
04/11/94	71.86	18.12	0.00	53.74	0.07	--	--	--	--	--	--	--	
07/07/94	71.86	18.21	0.00	53.65	-0.09	110	4.5	ND	ND	ND	--	--	
10/05/94	71.86	18.58	0.00	53.28	-0.37	ND	ND	ND	ND	ND	--	--	
01/09/95	71.86	17.69	0.00	54.17	0.89	ND	0.68	ND	ND	ND	--	--	
04/17/95	71.86	17.68	0.00	54.18	0.01	3700	80	10	270	510	--	--	
07/19/95	71.86	18.20	0.00	53.66	-0.52	15000	330	27	990	2400	--	--	
10/26/95	71.86	18.32	0.00	53.54	-0.12	14000	420	180	750	1600	4800	--	
01/16/96	71.86	17.95	0.00	53.91	0.37	920	38	ND	30	57	--	--	
04/15/96	71.86	17.78	0.00	54.08	0.17	9700	240	ND	570	860	3200	--	
07/11/96	71.86	18.19	0.00	53.67	-0.41	13000	69	5.5	430	900	740	--	
01/17/97	71.86	17.23	0.00	54.63	0.96	4400	25	ND	270	580	1600	--	
07/21/97	71.86	18.29	0.00	53.57	-1.06	9000	36	ND	450	800	950	--	
01/14/98	71.86	16.71	0.00	55.15	1.58	7100	40	ND	380	360	930	--	
07/06/98	71.86	17.03	0.00	54.83	-0.32	6800	39	ND	320	360	370	--	
01/13/99	71.86	18.00	0.00	53.86	-0.97	1800	9.4	ND	58	36	180	--	
08/31/99	71.40	--	0.00	--	--	--	--	--	--	--	--	--	Well obstructed at 0.5 feet.
01/21/00	71.40	17.58	0.00	53.82	--	ND	ND	ND	ND	ND	21.4	--	
07/10/00	71.40	18.05	0.00	53.35	-0.47	ND	ND	ND	ND	ND	162	--	
08/25/00	71.40	17.82	0.00	53.58	0.23	--	--	--	--	--	--	180	
01/04/01	71.40	18.16	0.00	53.24	-0.34	ND	ND	ND	ND	ND	193	--	
07/16/01	71.40	17.98	0.00	53.42	0.18	ND	ND	ND	ND	ND	660	--	
01/28/02	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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
07/12/02	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	
01/14/03	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	--	
07/10/03	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	--	
02/04/04	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	--	
07/29/04	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	--	
03/02/05	71.40	16.47	0.00	54.93	1.35	93	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	--	
09/30/05	71.40	17.79	0.00	53.61	-1.32	65	ND<0.30	ND<0.30	ND<0.30	ND<0.60	61	--	
03/23/06	71.40	16.61	0.00	54.79	1.18	54	ND<0.30	0.41	ND<0.30	0.98	63	--	
09/26/06	71.40	17.77	0.00	53.63	-1.16	51	ND<0.30	ND<0.30	ND<0.30	ND<0.60	41	--	
03/15/07	71.40	17.27	0.00	54.13	0.50	140	ND<0.30	ND<0.30	ND<0.30	ND<0.60	110	--	
09/27/07	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	--	
03/27/08	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	--	
MW-4													
09/15/89	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
01/23/90	--	--	--	--	--	ND	ND	0.4	ND	ND	--	--	
04/19/90	--	--	--	--	--	ND	ND	0.48	ND	ND	--	--	
07/17/90	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
10/16/90	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
01/15/91	--	--	--	--	--	ND	ND	ND	--	ND	--	--	
04/12/91	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
07/15/91	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
07/14/92	--	--	--	--	--	ND	1.3	2.5	ND	1.0	--	--	
04/13/93	71.98	17.67	0.00	54.31	--	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/14/93	71.98	18.31	0.00	53.67	-0.64	ND	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
10/14/93	71.64	18.08	0.00	53.56	-0.11	--	--	--	--	--	--	--	
01/12/94	71.64	17.97	0.00	53.67	0.11	--	--	--	--	--	--	--	
04/11/94	71.64	17.70	0.00	53.94	0.27	--	--	--	--	--	--	--	
07/07/94	71.64	17.80	0.00	53.84	-0.10	ND	ND	ND	ND	ND	--	--	
10/05/94	71.64	18.28	0.00	53.36	-0.48	--	--	--	--	--	--	--	
01/09/95	71.64	17.38	0.00	54.26	0.90	--	--	--	--	--	--	--	
04/17/95	71.64	17.21	0.00	54.43	0.17	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/19/95	71.64	17.82	0.00	53.82	-0.61	ND	ND	ND	ND	ND	--	--	
10/26/95	71.64	18.17	0.00	53.47	-0.35	--	--	--	--	--	--	--	
01/16/96	71.64	16.45	0.00	55.19	1.72	--	--	--	--	--	--	--	
04/15/96	71.64	17.35	0.00	54.29	-0.90	--	--	--	--	--	--	--	
07/11/96	71.64	17.81	0.00	53.83	-0.46	ND	ND	ND	ND	ND	ND	--	
01/17/97	71.64	16.73	0.00	54.91	1.08	--	--	--	--	--	--	--	
07/21/97	71.64	17.91	0.00	53.73	-1.18	ND	ND	ND	ND	ND	ND	--	
01/14/98	71.64	16.18	0.00	55.46	1.73	--	--	--	--	--	--	--	
07/06/98	71.64	16.49	0.00	55.15	-0.31	ND	ND	ND	ND	ND	ND	--	
01/13/99	71.64	17.29	0.00	54.35	-0.80	--	--	--	--	--	--	--	
08/31/99	71.54	--	0.00	--	--	--	--	--	--	--	--	--	Well obstructed at 10.4 feet.
01/21/00	71.54	17.51	0.00	54.03	--	--	--	--	--	--	--	--	
07/10/00	71.54	17.93	0.00	53.61	-0.42	ND	ND	ND	ND	ND	ND	--	
01/04/01	71.54	18.10	0.00	53.44	-0.17	--	--	--	--	--	--	--	
07/16/01	71.54	17.76	0.00	53.78	0.34	ND	ND	ND	ND	ND	ND	--	
01/28/02	71.54	17.20	0.00	54.34	0.56	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/12/02	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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
01/14/03	71.54	17.30	0.00	54.24	0.51	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/10/03	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	--	
02/04/04	71.54	17.07	0.00	54.47	0.51	--	--	--	--	--	--	--	Monitored Only
07/29/04	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	--	
03/02/05	71.54	16.25	0.00	55.29	1.56	--	--	--	--	--	--	--	Sampled Annually
09/30/05	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	--	
03/23/06	71.54	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to gate, Sampled Q3 only
09/26/06	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	--	
03/15/07	71.54	17.56	0.00	53.98	0.15	--	--	--	--	--	--	--	Sampled Q3 only
09/27/07	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	--	
03/27/08	71.54	17.58	0.00	53.96	0.58	--	--	--	--	--	--	--	Sampled Q3 only
MW-5													
11/30/92	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
01/08/93	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
04/13/93	71.51	17.49	0.00	54.02	--	ND	ND	ND	ND	ND	--	--	
07/14/93	71.51	18.02	0.00	53.49	-0.53	ND	ND	0.57	ND	ND	--	--	
10/14/93	71.23	17.82	0.00	53.41	-0.08	ND	ND	ND	ND	ND	--	--	
01/12/94	71.23	17.74	0.00	53.49	0.08	ND	ND	0.84	ND	1.6	--	--	
04/11/94	71.23	17.56	0.00	53.67	0.18	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/07/94	71.23	17.50	0.00	53.73	0.06	ND	ND	ND	ND	ND	--	--	
10/05/94	71.23	17.98	0.00	53.25	-0.48	--	--	--	--	--	--	--	
01/09/95	71.23	17.13	0.00	54.10	0.85	--	--	--	--	--	--	--	
04/17/95	71.23	17.05	0.00	54.18	0.08	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

Former 76 Station 3538

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-5 continued													
07/19/95	71.23	17.59	0.00	53.64	-0.54	ND	ND	ND	ND	ND	--	--	
10/26/95	71.23	18.10	0.00	53.13	-0.51	--	--	--	--	--	--	--	
01/16/96	71.23	17.11	0.00	54.12	0.99	--	--	--	--	--	--	--	
04/15/96	71.23	17.22	0.00	54.01	-0.11	--	--	--	--	--	--	--	
07/11/96	71.23	17.59	0.00	53.64	-0.37	ND	ND	ND	ND	ND	ND	--	
01/17/97	71.23	16.75	0.00	54.48	0.84	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/21/97	71.23	17.59	0.00	53.64	-0.84	ND	ND	ND	ND	ND	ND	--	
01/14/98	71.23	16.16	0.00	55.07	1.43	--	--	--	--	--	--	--	
07/06/98	71.23	16.52	0.00	54.71	-0.36	ND	ND	ND	ND	ND	ND	--	
01/13/99	71.23	17.62	0.00	53.61	-1.10	--	--	--	--	--	--	--	
08/31/99	71.16	17.76	0.00	53.40	-0.21	ND	ND	ND	ND	ND	ND	--	
01/21/00	71.16	16.83	0.00	54.33	0.93	--	--	--	--	--	--	--	
07/10/00	71.16	17.46	0.00	53.70	-0.63	ND	ND	ND	ND	ND	ND	--	
01/04/01	71.16	17.51	0.00	53.65	-0.05	--	--	--	--	--	--	--	
07/16/01	71.16	17.32	0.00	53.84	0.19	ND	ND	ND	ND	ND	ND	--	
01/28/02	71.16	17.12	0.00	54.04	0.20	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/12/02	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	--	
01/14/03	71.16	16.67	0.00	54.49	0.45	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/10/03	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	--	
02/04/04	71.16	16.23	0.00	54.93	1.16	--	--	--	--	--	--	--	Monitored Only
07/29/04	71.16	16.02	0.00	55.14	0.21	ND<50	ND<0.3	0.64	ND<0.3	0.79	ND<1	--	
03/02/05	71.16	16.43	0.00	54.73	-0.41	--	--	--	--	--	--	--	Sampled Annually
09/30/05	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	--	
03/23/06	71.16	16.37	0.00	54.79	1.04	--	--	--	--	--	--	--	Sampled Q3 only

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued													
09/26/06	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	--	
03/15/07	71.16	17.20	0.00	53.96	-1.66	--	--	--	--	--	--	--	Sampled Q3 only
09/27/07	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	--	
03/27/08	71.16	17.57	0.00	53.59	0.44	--	--	--	--	--	--	--	Sampled Q3 only
MW-6													
11/30/92	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
01/08/93	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
04/13/93	71.79	11.94	0.00	59.85	--	ND	ND	ND	ND	ND	--	--	
07/14/93	71.79	17.20	0.00	54.59	-5.26	ND	0.99	2.4	ND	1.9	--	--	
10/14/93	71.44	17.21	0.00	54.23	-0.36	ND	ND	0.64	ND	ND	--	--	
01/12/94	71.44	17.44	0.00	54.00	-0.23	ND	ND	1.2	ND	2.9	--	--	
04/11/94	71.44	13.66	0.00	57.78	3.78	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/07/94	71.44	14.05	0.00	57.39	-0.39	ND	ND	ND	ND	ND	--	--	
10/05/94	71.44	14.16	0.00	57.28	-0.11	--	--	--	--	--	--	--	
01/09/95	71.44	13.73	0.00	57.71	0.43	--	--	--	--	--	--	--	
04/17/95	71.44	11.30	0.00	60.14	2.43	--	--	--	--	--	--	--	
07/19/95	71.44	12.32	0.00	59.12	-1.02	ND	ND	ND	ND	ND	--	--	
10/26/95	71.44	17.88	0.00	53.56	-5.56	--	--	--	--	--	--	--	
01/16/96	71.44	16.38	0.00	55.06	1.50	--	--	--	--	--	--	--	
04/15/96	71.44	14.00	0.00	57.44	2.38	--	--	--	--	--	--	--	
07/11/96	71.44	13.58	0.00	57.86	0.42	ND	ND	ND	ND	ND	ND	--	
01/17/97	71.44	15.42	0.00	56.02	-1.84	--	--	--	--	--	--	--	
07/21/97	71.44	13.78	0.00	57.66	1.64	ND	ND	ND	ND	ND	ND	--	
01/14/98	71.44	13.65	0.00	57.79	0.13	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through March 2008

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 (8015M) (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													
07/06/98	71.44	13.90	0.00	57.54	-0.25	ND	ND	ND	ND	ND	ND	--	
01/13/99	71.44	14.93	0.00	56.51	-1.03	--	--	--	--	--	--	--	
08/31/99	71.37	15.81	0.00	55.56	-0.95	ND	ND	ND	ND	ND	ND	--	
01/21/00	71.37	16.13	0.00	55.24	-0.32	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/10/00	71.37	16.95	0.00	54.42	-0.82	ND	ND	ND	ND	ND	ND	--	
01/04/01	71.37	17.09	0.00	54.28	-0.14	--	--	--	--	--	--	--	
07/16/01	71.37	16.83	0.00	54.54	0.26	ND	ND	ND	ND	ND	ND	--	
01/28/02	71.37	14.58	0.00	56.79	2.25	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/12/02	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	--	
01/14/03	71.37	16.25	0.00	55.12	0.51	--	--	--	--	--	--	--	SAMPLED ANNUALLY
07/10/03	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	--	
02/04/04	71.37	16.20	0.00	55.17	-3.23	--	--	--	--	--	--	--	Monitored Only
07/29/04	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	--	
03/02/05	71.37	14.51	0.00	56.86	0.47	--	--	--	--	--	--	--	Sampled Annually
09/30/05	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	--	
03/23/06	71.37	16.55	0.00	54.82	-2.10	--	--	--	--	--	--	--	Sampled Q3 only
09/26/06	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	--	
03/15/07	71.37	13.72	0.00	57.65	3.86	--	--	--	--	--	--	--	Sampled Q3 only
09/27/07	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	--	
03/27/08	71.37	14.83	0.00	56.54	-0.65	--	--	--	--	--	--	--	Sampled Q3 only

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1															
09/15/89	ND	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
01/23/90	ND	--	--	--	--	--	--	--	1.5	--	--	--	--	--	--
04/19/90	ND	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
07/17/90	ND	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
10/16/90	ND	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
01/15/91	ND	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
04/12/91	ND	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
07/15/91	ND	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
07/16/01	--	--	--	--	--	--	--	--	--	1.7	--	--	--	--	--
07/29/04	--	--	--	--	ND<0.5	--	--	--	--	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5
09/30/05	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
09/26/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
09/27/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
MW-3															
08/25/00	--	ND	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
07/12/02	--	ND<20	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--

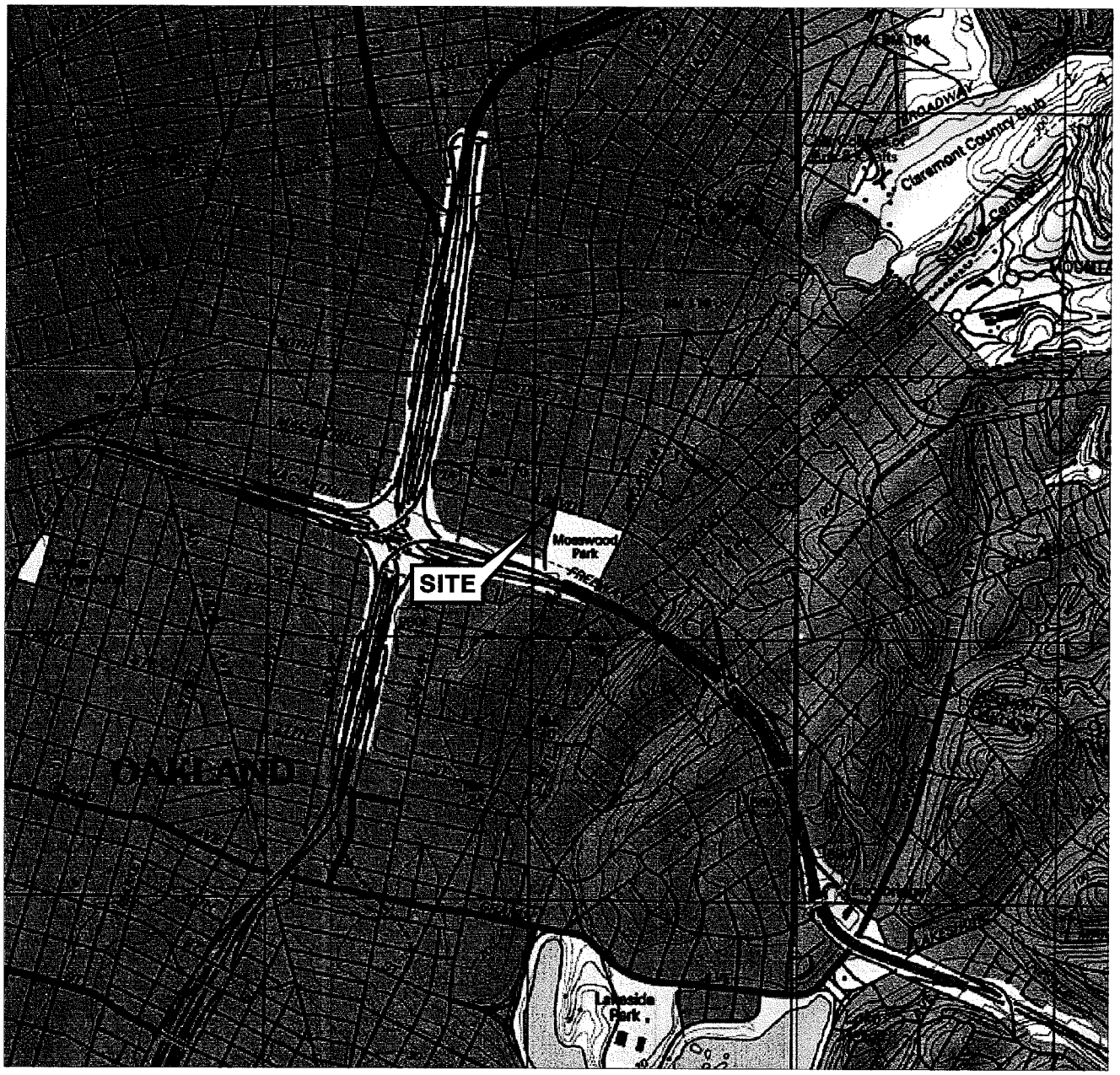
Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Methylene chloride
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1															
07/11/96	0.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/21/97	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/16/01	45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/12/02	--	--	--	--	--	--	--	--	1.8	--	--	--	--	--	--
07/10/03	--	--	--	--	--	--	--	--	0.89	--	--	--	--	--	--
07/29/04	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1
09/30/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.52	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
09/26/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.60	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
09/27/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	1,1,2,2-Tetrachloroethane (µg/l)	Tetrachloroethene (PCE) (µg/l)	Trichlorotrifluoroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	Trichloroethene (TCE) (µg/l)	Trichlorofluoromethane (µg/l)	Vinyl chloride (µg/l)
MW-1								
09/15/89	--	2.7	--	--	--	--	--	--
01/23/90	--	2.1	--	--	--	--	--	--
04/19/90	--	2.2	--	--	--	--	--	--
07/17/90	--	1.7	--	--	--	--	--	--
10/16/90	--	2.0	--	--	--	--	--	--
01/15/91	--	2.1	--	--	--	--	--	--
04/12/91	--	2.0	--	--	--	--	--	--
07/15/91	--	1.8	--	--	--	--	--	--
07/14/92	--	1.4	--	--	--	--	--	--
07/14/93	--	0.95	--	--	--	--	--	--
07/07/94	--	0.83	--	--	--	--	--	--
07/19/95	--	0.52	--	--	--	--	--	--
07/11/96	--	0.73	--	--	--	--	--	--
07/21/97	--	0.70	--	--	--	--	--	--
08/31/99	--	ND	--	--	--	--	--	--
07/16/01	--	ND	--	--	--	--	--	--
07/12/02	--	ND<0.60	--	--	--	--	--	--
07/10/03	--	ND<0.50	--	--	--	--	--	--
07/29/04	ND<0.5	ND<0.5	13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
09/30/05	ND<0.50	ND<0.50	9.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/26/06	ND<0.50	ND<0.50	7.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/27/07	ND<0.50	ND<0.50	4.3	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

FIGURES



SOURCE:

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

TRC

PROJECT: 154771

FACILITY:

FORMER 76 STATION 3538
411 WEST MacARTHUR BOULEVARD
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

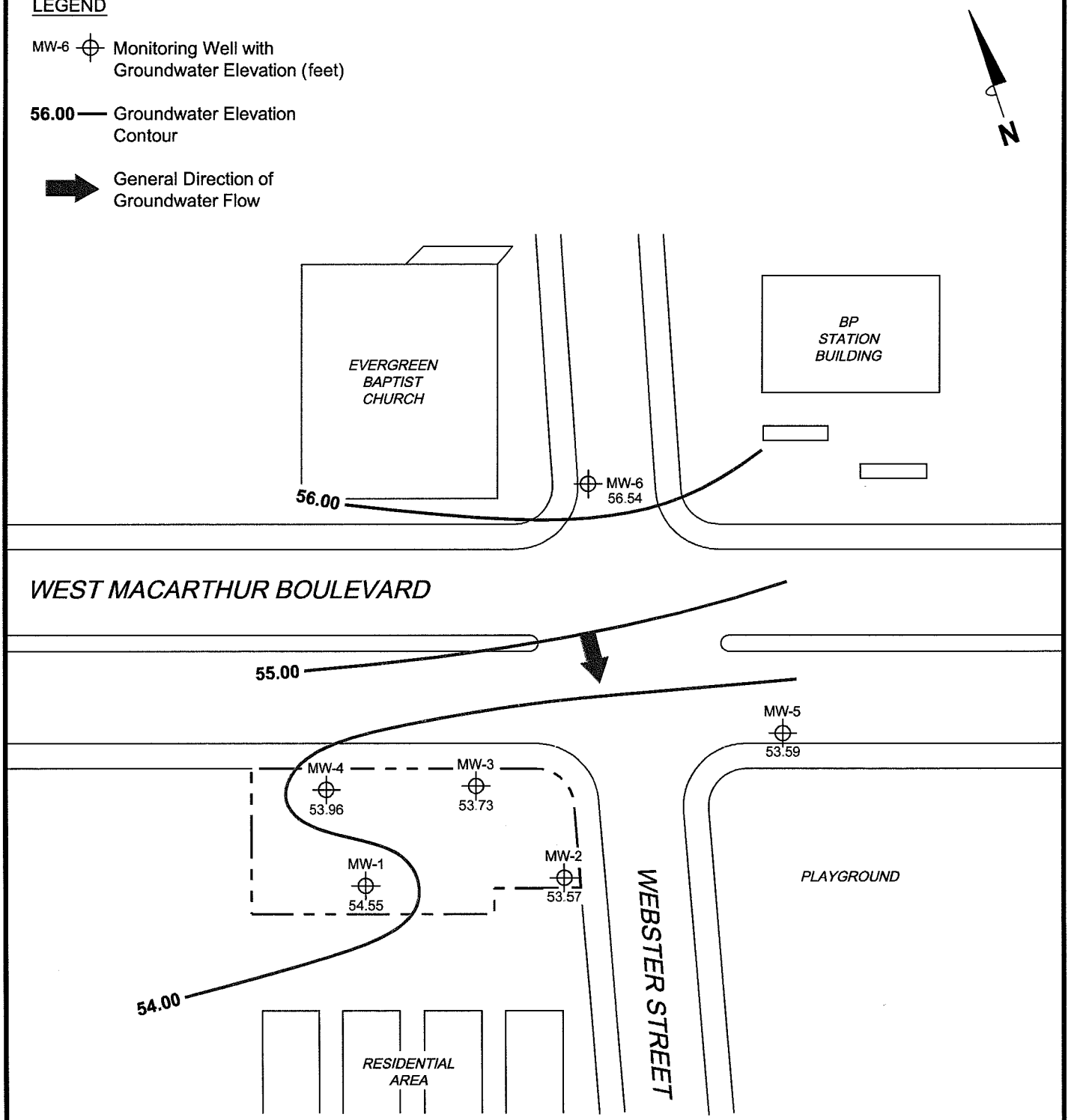
PS=1:1 L:\QMS VICINITY MAPS\3538vm.dwg Nov 15, 2007 - 1:44pm cvuong

LEGEND

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

56.00 — 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: 154771

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

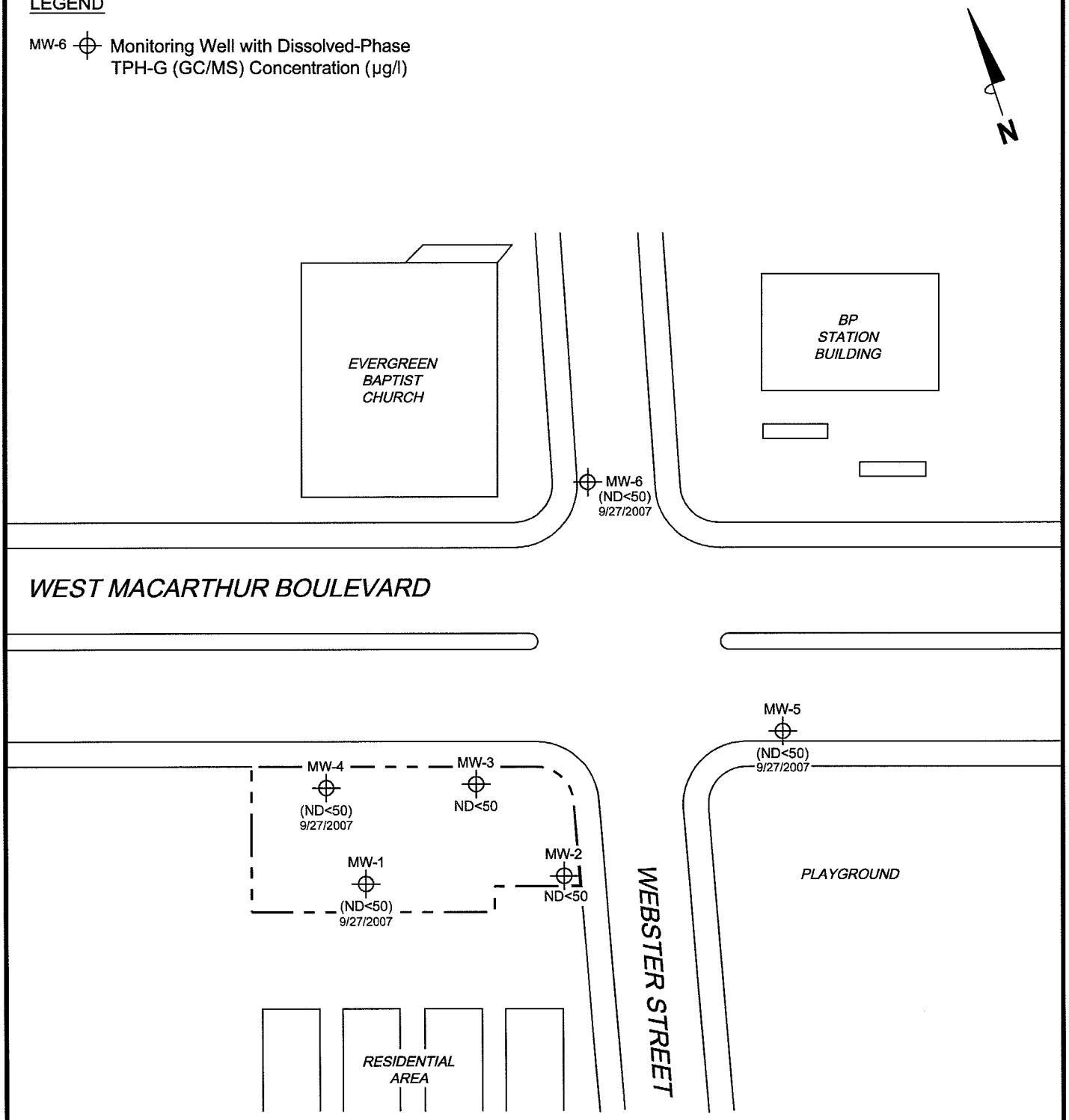
GROUNDWATER ELEVATION CONTOUR MAP
March 27, 2008

FIGURE 2

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTH\x-3000\3538+\3538-QMS-(NEW).dwg Apr 14, 2008 - 1:11pm cvuong

LEGEND

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



NOTES:

TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
( ) = representative historical value.

SCALE (FEET)

0 60

TRC

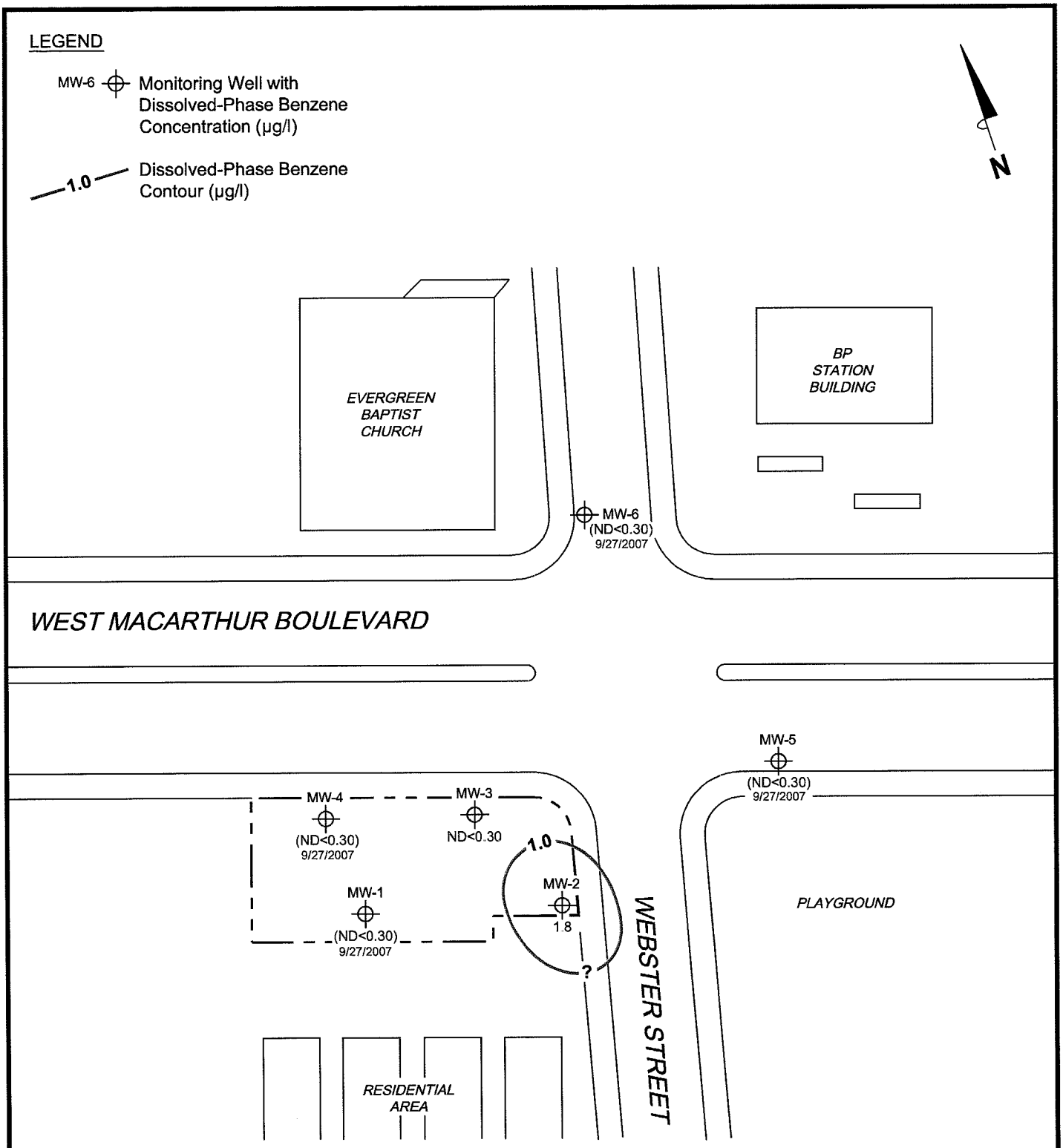
PROJECT: 154771

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

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
March 27, 2008

FIGURE 3

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTH\x-3000\3538+\3538-QMS-(NEW).dwg Apr 14, 2008 - 1:11pm cvuong



NOTES:

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

SCALE (FEET)
0 60

TRC

PROJECT: 154771

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
March 27, 2008

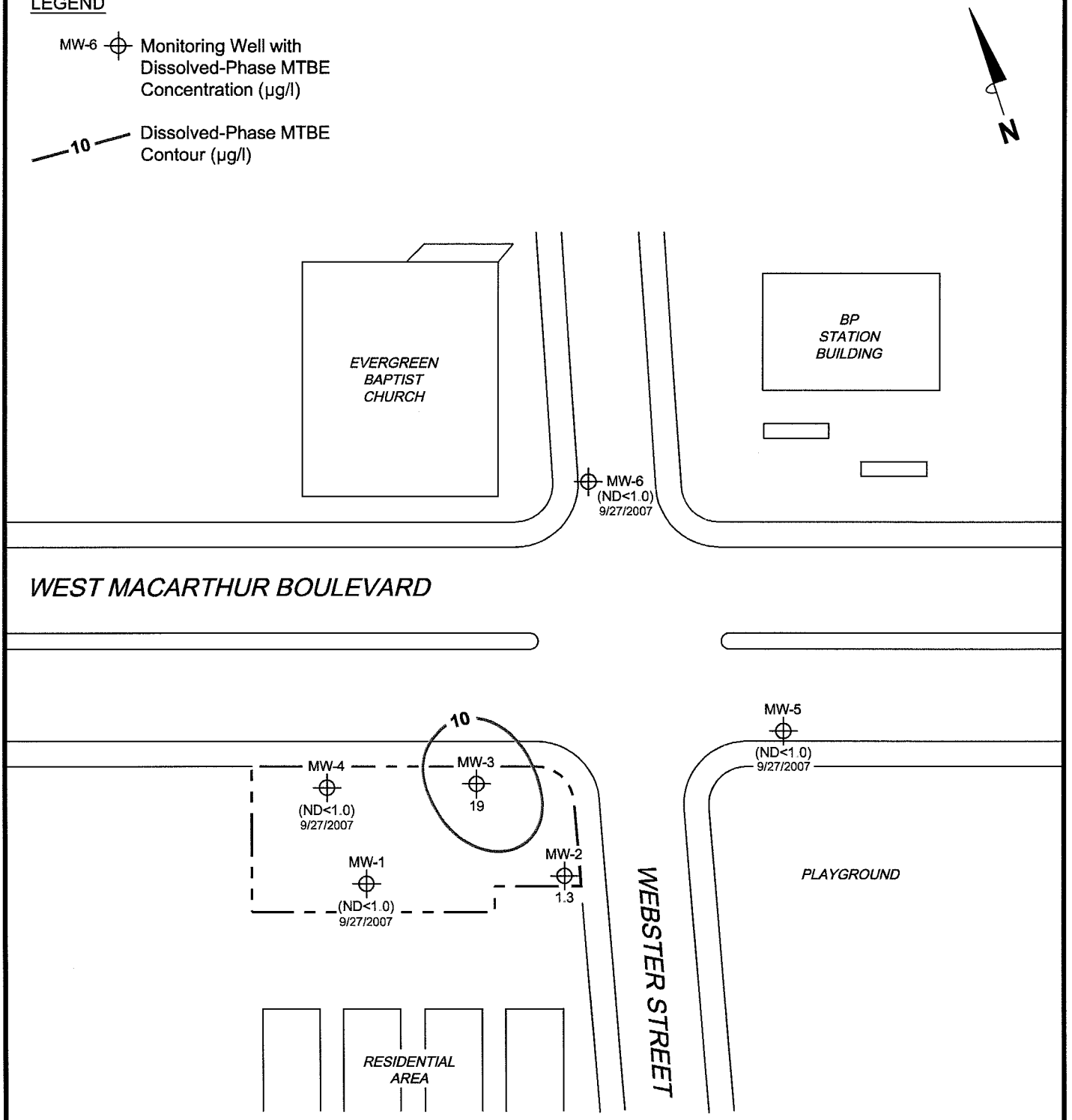
FIGURE 4

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTH\x-3000\3538+\3538-QMS-(NEW).dwg Apr 14, 2008 - 1:11pm cvuong

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. ( ) = representative historical value. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 60

TRC

PROJECT: 154771

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

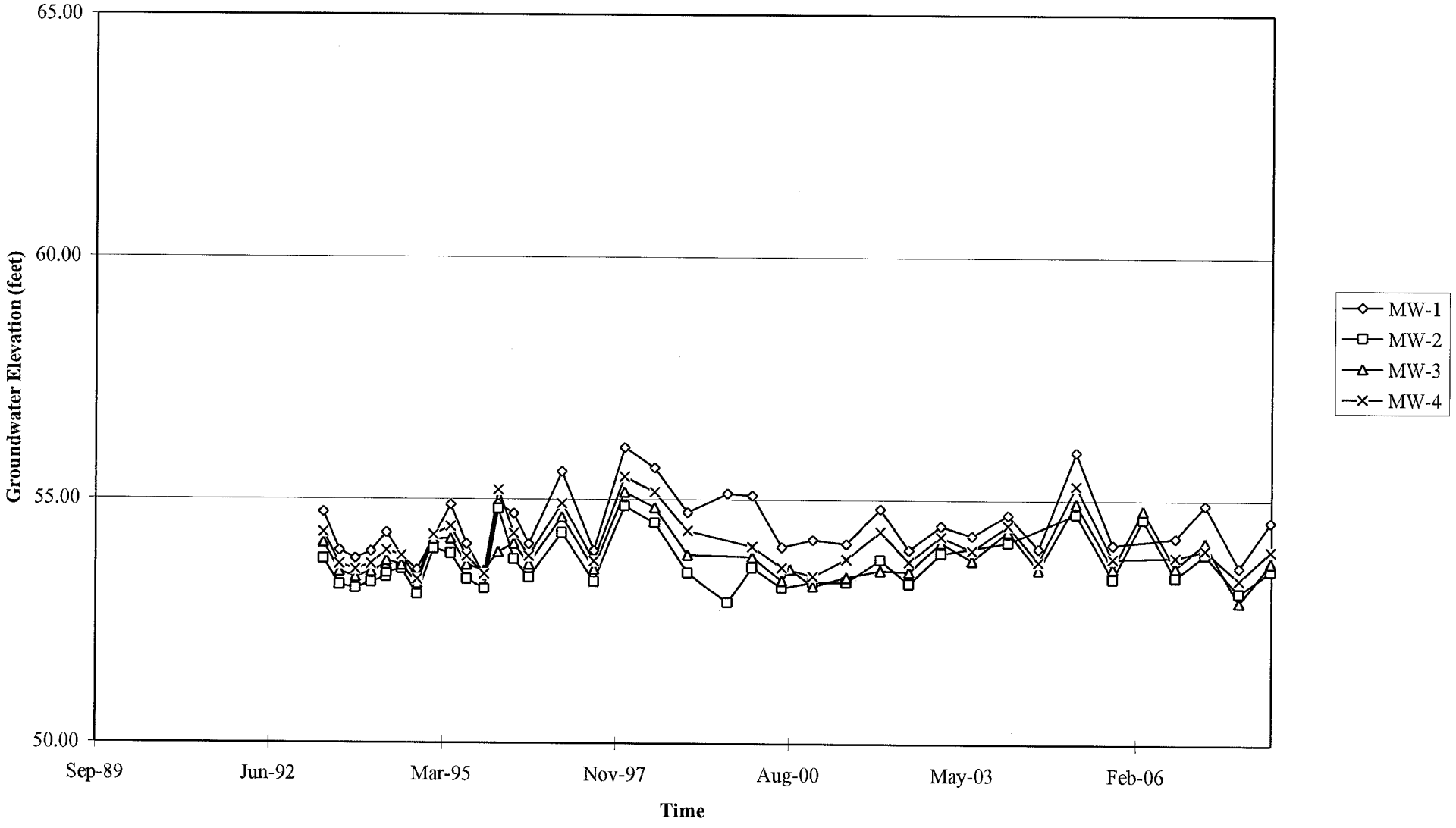
DISSOLVED-PHASE MTBE CONCENTRATION MAP
March 27, 2008

FIGURE 5

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTH\x-3000\3538+\3538-QMS-(NEW).dwg Apr 14, 2008 - 1:11pm cvuong

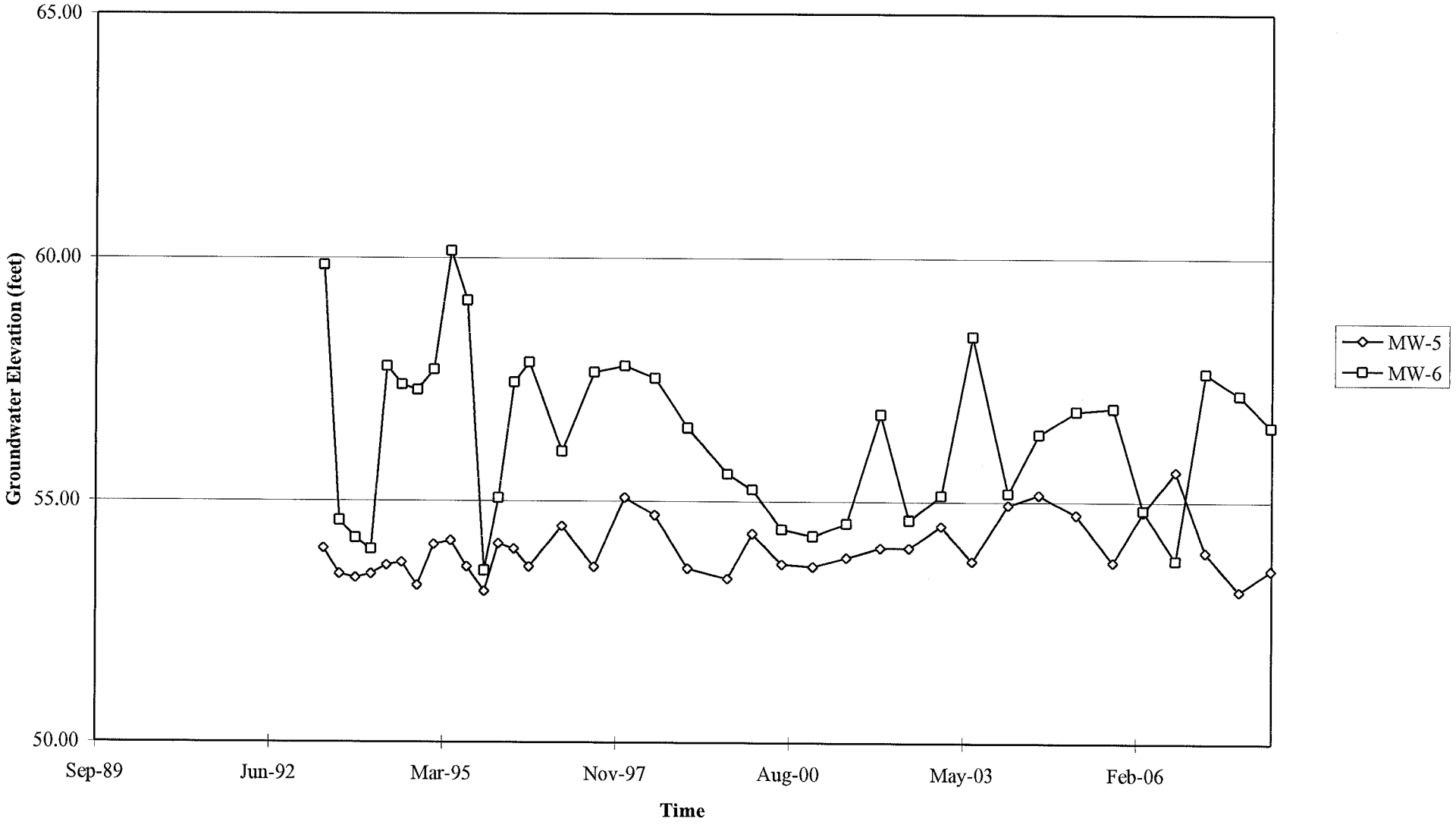
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 3538



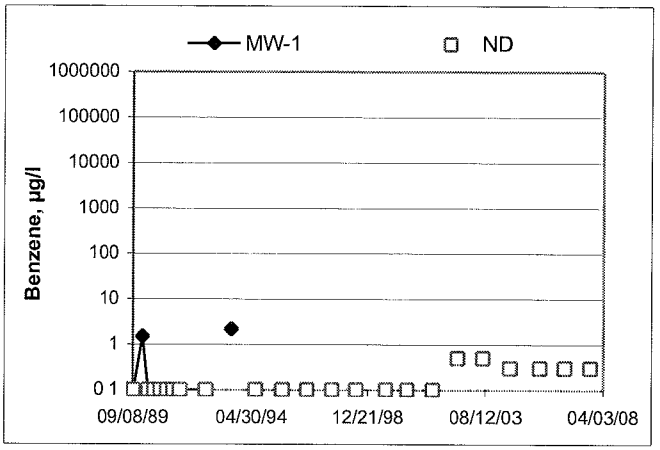
Elevations may have been corrected for apparent changes due to resurvey

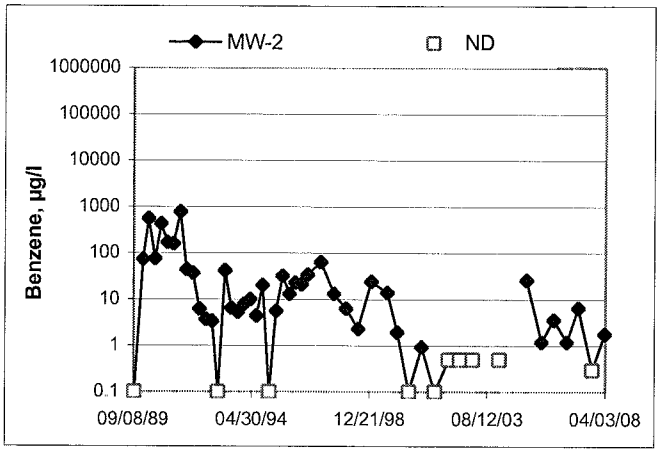
Groundwater Elevations vs. Time
Former 76 Station 3538

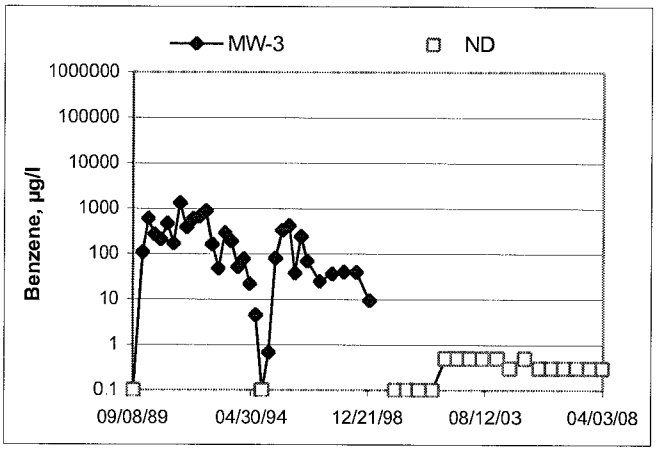


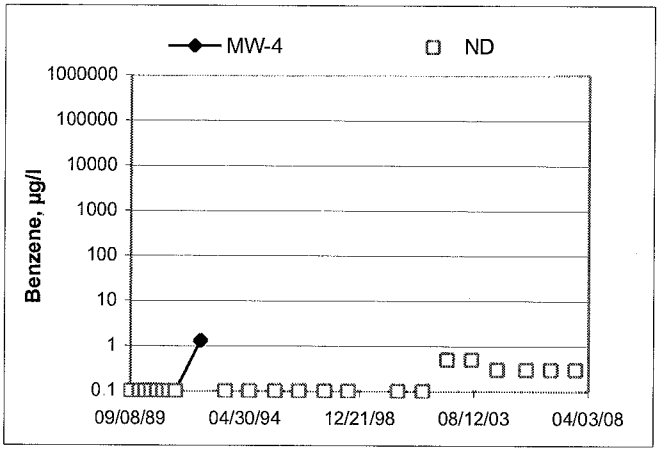
Elevations may have been corrected for apparent changes due to resurvey

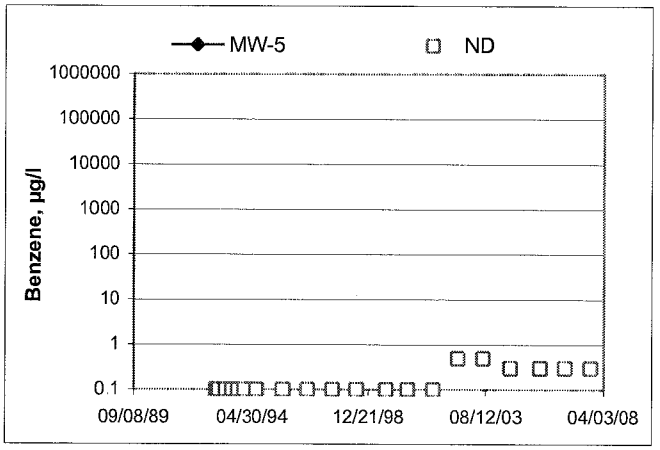
Benzene Concentrations vs Time
Former 76 Station 3538

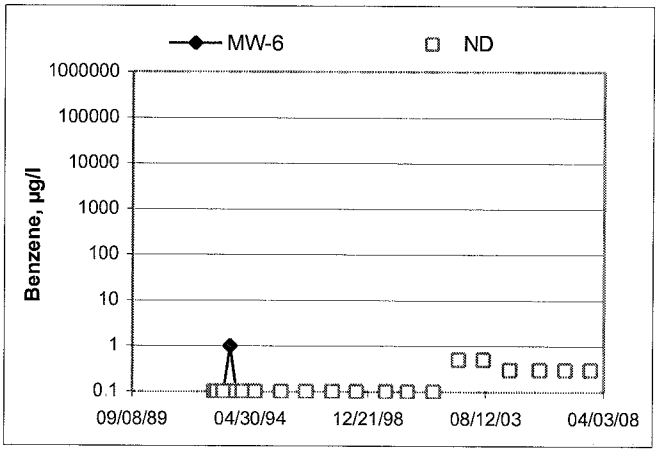












GENERAL FIELD PROCEDURES

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 car e is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Rick R. Job #/Task #: 154771 AA20 Date: 3/27/08

Site # 3538 Project Manager D. Collins Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-5	1145	✓	30.09	17.57	—	—	N/S	2" Monitor only
MW-6	1149	✓	30.03	14.83	—	—	N/S	2"
MW-4	1200	✓	24.67	17.58	—	—	N/S	2"
MW-1	1204	✓	23.90	17.57	—	—	N/S	2"
MW-2	1208	✓	24.46	17.77	—	—	1235	2"
MW-3	1211	✓	27.13	17.67	—	—	1250	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST DRUM INVENTORY TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R

Site: 3538 Project No.: 154771 Date: 3/27/07

Well No. MW-2 Purge Method: HB

Depth to Water (feet): 17.77
Total Depth (feet) 24.46
Water Column (feet) 6.69
80% Recharge Depth(feet): 19.11

Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
1225			1	769.6	17.6	7.22			
			2	780.9	17.9	6.99			
	1231		3	785.1	17.9	6.91			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.83	3	1235

Comments:

Well No. MW-3 Purge Method: HB

Depth to Water (feet): 17.67
Total Depth (feet) 27.13
Water Column (feet) 9.46
80% Recharge Depth(feet): 19.56

Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
1241			2	758.9	18.1	7.27			
			4	757.5	18.6	6.94			
	1246		6	763.0	18.7	6.77			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.70	6	1250

Comments:

TRC

BC LABORATORIES, INC.

Date of Report: 04/02/2008

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 3538
BC Work Order: 0804054

Enclosed are the results of analyses for samples received by the laboratory on 03/27/2008 21:05. 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

BC LABORATORIES, INC.

TRC 21 Technology Drive Irvine, CA 92618	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 04/02/2008 14:31

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0804054-01	**COC Number:**	---	**Receive Date:**	03/27/2008 21:05	Delivery Work Order:
	Project Number:	3538	**Sampling Date:**	03/27/2008 12:35	Global ID: T0600101472
	Sampling Location:	MW-2	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-2	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0804054-02	**COC Number:**	---	**Receive Date:**	03/27/2008 21:05	Delivery Work Order:
	Project Number:	3538	**Sampling Date:**	03/27/2008 12:50	Global ID: T0600101472
	Sampling Location:	MW-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:

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TRC 21 Technology Drive Irvine, CA 92618	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 04/02/2008 14:31

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0804054-01 | **Client Sample Name:** 3538, MW-2, MW-2, 3/27/2008 12:35:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	1.8	ug/L	0.30		EPA-8021	03/31/08	03/31/08 15:54	JCC	GC-V4	1	BRC1672	ND	
Toluene	ND	ug/L	0.30		EPA-8021	03/31/08	03/31/08 15:54	JCC	GC-V4	1	BRC1672	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/31/08	03/31/08 15:54	JCC	GC-V4	1	BRC1672	ND	
Methyl t-butyl ether	1.3	ug/L	1.0		EPA-8021	03/31/08	03/31/08 15:54	JCC	GC-V4	1	BRC1672	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/31/08	03/31/08 15:54	JCC	GC-V4	1	BRC1672	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/31/08	03/31/08 15:54	JCC	GC-V4	1	BRC1672	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	97.3	%	70 - 130 (LCL - UCL)		EPA-8021	03/31/08	03/31/08 15:54	JCC	GC-V4	1	BRC1672		
a,a,a-Trifluorotoluene (FID Surrogate)	97.3	%	70 - 130 (LCL - UCL)		Luft	03/31/08	03/31/08 15:54	JCC	GC-V4	1	BRC1672		

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TRC 21 Technology Drive Irvine, CA 92618	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 04/02/2008 14:31

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0804054-02 | **Client Sample Name:** 3538, MW-3, MW-3, 3/27/2008 12:50:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	03/31/08	03/31/08 16:48	JCC	GC-V4	1	BRC1672	ND	
Toluene	ND	ug/L	0.30		EPA-8021	03/31/08	03/31/08 16:48	JCC	GC-V4	1	BRC1672	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	03/31/08	03/31/08 16:48	JCC	GC-V4	1	BRC1672	ND	
Methyl t-butyl ether	19	ug/L	1.0		EPA-8021	03/31/08	03/31/08 16:48	JCC	GC-V4	1	BRC1672	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	03/31/08	03/31/08 16:48	JCC	GC-V4	1	BRC1672	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	03/31/08	03/31/08 16:48	JCC	GC-V4	1	BRC1672	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	103	%	70 - 130 (LCL - UCL)		EPA-8021	03/31/08	03/31/08 16:48	JCC	GC-V4	1	BRC1672		
a,a,a-Trifluorotoluene (FID Surrogate)	103	%	70 - 130 (LCL - UCL)		Luft	03/31/08	03/31/08 16:48	JCC	GC-V4	1	BRC1672		

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TRC
21 Technology Drive
Irvine, CA 92618

Project: 3538
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/02/2008 14:31

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BRC1672	Matrix Spike	0802904-38	0	41.262	40.000	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0802904-38	0	39.180	40.000	ug/L	5.0	98.0	20	70 - 130	
Toluene	BRC1672	Matrix Spike	0802904-38	0	41.332	40.000	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0802904-38	0	39.303	40.000	ug/L	4.7	98.3	20	70 - 130	
Ethylbenzene	BRC1672	Matrix Spike	0802904-38	0	41.241	40.000	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0802904-38	0	39.268	40.000	ug/L	4.8	98.2	20	70 - 130	
Methyl t-butyl ether	BRC1672	Matrix Spike	0802904-38	0	42.022	40.000	ug/L		105		70 - 130	
		Matrix Spike Duplicate	0802904-38	0	41.065	40.000	ug/L	1.9	103	20	70 - 130	
Total Xylenes	BRC1672	Matrix Spike	0802904-38	0	124.68	120.00	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0802904-38	0	119.21	120.00	ug/L	4.6	99.3	20	70 - 130	
Gasoline Range Organics (C4 - C12)	BRC1672	Matrix Spike	0802904-38	0	975.36	1000.0	ug/L		97.5		70 - 130	
		Matrix Spike Duplicate	0802904-38	0	1005.0	1000.0	ug/L	2.5	100	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	BRC1672	Matrix Spike	0802904-38	ND	38.481	40.000	ug/L		96.2		70 - 130	
		Matrix Spike Duplicate	0802904-38	ND	39.473	40.000	ug/L		98.7		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	BRC1672	Matrix Spike	0802904-38	ND	38.488	40.000	ug/L		96.2		70 - 130	
		Matrix Spike Duplicate	0802904-38	ND	39.572	40.000	ug/L		98.9		70 - 130	

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Project: 3538
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/02/2008 14:31

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BRC1672	BRC1672-BS1	LCS	39.193	40.000	0.30	ug/L	98.0		85 - 115		
Toluene	BRC1672	BRC1672-BS1	LCS	39.259	40.000	0.30	ug/L	98.1		85 - 115		
Ethylbenzene	BRC1672	BRC1672-BS1	LCS	39.271	40.000	0.30	ug/L	98.2		85 - 115		
Methyl t-butyl ether	BRC1672	BRC1672-BS1	LCS	40.359	40.000	1.0	ug/L	101		85 - 115		
Total Xylenes	BRC1672	BRC1672-BS1	LCS	118.66	120.00	0.60	ug/L	98.9		85 - 115		
Gasoline Range Organics (C4 - C12)	BRC1672	BRC1672-BS1	LCS	979.82	1000.0	50	ug/L	98.0		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BRC1672	BRC1672-BS1	LCS	39.124	40.000		ug/L	97.8		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BRC1672	BRC1672-BS1	LCS	39.397	40.000		ug/L	98.5		70 - 130		

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Project: 3538
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/02/2008 14:31

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRC1672	BRC1672-BLK1	ND	ug/L	0.30		
Toluene	BRC1672	BRC1672-BLK1	ND	ug/L	0.30		
Ethylbenzene	BRC1672	BRC1672-BLK1	ND	ug/L	0.30		
Methyl t-butyl ether	BRC1672	BRC1672-BLK1	ND	ug/L	1.0		
Total Xylenes	BRC1672	BRC1672-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BRC1672	BRC1672-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BRC1672	BRC1672-BLK1	90.3	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BRC1672	BRC1672-BLK1	95.7	%	70 - 130 (LCL - UCL)		

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TRC 21 Technology Drive Irvine, CA 92618	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 04/02/2008 14:31

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

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BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page 1 Of 1

Submission #: 0804054 | Project Code: | TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

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

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

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

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

COC Received ☑ YES ☐ NO

Ice Chest ID Red Temperature: 4/C 4 °C Thermometer ID: 48
Emissivity .97 Container Amber
Date/Time 3/27 2235 Analyst Init JNW

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:
Sample Numbering Completed By: RML Date/Time: 3/28/08 810

(H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD)

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

0804054

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 # 01178-4509117981
State: CA **Zip:**	**Project #:** 154771
Conoco Phillips Mgr: BILL BORGH	**Sampler Name:** Rick R

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH –G by GC/MS	BTEX/MTBE by 8021B		Turnaround Time Requested
		-1 MW-2	3/27/08 -1235	GW		X						X		STD
		-2 MW-3	↓ 1250	GW		X						X		↓

CHK BY DISTRIBUTION
SUB-OUT

Comments:	Relinquished by: (Signature)	Received by:	Date & Time
GLOBAL ID: T0600101472	Relinquished by: (Signature) Lee D. Lewis	Received by: Ross Wiley	Date & Time 3/27/08 1535
	Relinquished by: (Signature) Ross Wiley 3/27/08	Received by: R Rueyo	Date & Time 3.27.08 1810

R Rueyo 3.27.08 2105 Jennifer Wada 3/27/08 2105

STATEMENTS

Purge Water Disposal

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

Limitations

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

21 Technology Drive
Irvine, CA 92618

949 727.9336 PHONE
949 727.7399 FAX

www.TRCsolutions.com

DATE: October 16, 2008

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TERRY GRAYSON

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

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2008

Dear Mr. Grayson:

Please find enclosed our Semi-Annual 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: Ms. Caitlin Morgan, Delta Consultants (2 copies)

Enclosures
20-0400/3538R10.QMS

SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2008

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

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations

Date: 10/15/08

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 1b: Additional Current Analytical Results Table 1c: 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 – 9/17/08 Groundwater Sampling Field Notes – 9/17/08
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2008 through September 2008
Former 76 Station 3538
411 West MacArthur Blvd.
Oakland, CA

Project Coordinator: **Terry Grayson**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **09/17/08**

Sample Points

Groundwater wells: **4** onsite, **2** offsite Points gauged: **6** Points sampled: **6**
Purging method: **Diaphragm/submersible pump**
Purge water disposal: **Veolia/Rodeo Unit 100**
Other Sample Points: **0** Type: **--**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **14.7 feet** Maximum: **18.2 feet**
Average groundwater elevation (relative to available local datum): **54.09 feet**
Average change in groundwater elevation since previous event: **-0.24 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.02 ft/ft, south**
Previous event: **0.02 ft/ft, south (03/27/08)**

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** **1** Maximum: **56 µg/l (MW-3)**
Sample Points with **MTBE 8260B** **0**

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
Trace	=	less than 0 01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling 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 (8015M)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	
Table 1a	Well/ Date	1,2-DCA (EDC)	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene
Table 1b	Well/ Date	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Methylene chloride	1,1,2,2-Tetrachloro-ethane	Tetrachloro-ethene (PCE)
Table 1c	Well/ Date	Trichloro-trifluoro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride						

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	
Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Bromo-dichloro-methane	Bromo-form	Bromo-methane
Table 2b	Well/ Date	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	1,1-DCE
Table 2c	Well/ Date	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	Trichloro-ethene (TCE)
Table 2d	Well/ Date	Trichloro-fluoro-methane	Vinyl chloride										

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 17, 2008

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 (8015M) (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													
9/17/2008	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	
MW-2													
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	--	
MW-3													
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	--	
MW-4													
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	--	
MW-5													
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	--	
MW-6													
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	--	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	1,2-DCA (EDC) (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)
MW-1												
9/17/2008	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

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Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)
MW-1												
9/17/2008	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50

TRC

Table 1 c
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	Trichloro-trifluoro-ethane (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	Vinyl chloride (µg/l)
MW-1						
9/17/2008	5.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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 2008

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 (8015M) (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 ANNUALLY
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 2008

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 (8015M) (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	
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	--	
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	--	--	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
7/10/2003	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	--	
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	--	--	
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	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
7/14/1992	--	--	--	--	--	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	--	
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	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
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	--	
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	--	
MW-4													
9/15/1989	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	
1/23/1990	--	--	--	--	--	ND	ND	0.4	ND	ND	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
4/19/1990	--	--	--	--	--	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
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
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 ANNUALLY
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
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
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	--	--	
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

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
7/10/2000	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 ANNUALLY
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
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	--	
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	--	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
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
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 ANNUALLY
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	--	

TRC

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2008

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 (8015M) (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													
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	--	
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	--	

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)	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)	Bromo-methane (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	ND<1
9/30/2005	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
9/26/2006	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
9/27/2007	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
9/17/2008	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
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	--	--	--	--

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	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)	1,1-DCE (µg/l)
MW-1												
7/11/1996	--	--	--	0.96	--	--	--	--	--	--	--	--
7/21/1997	--	--	--	1.0	--	--	--	--	--	--	--	--
7/16/2001	--	--	--	45	--	--	--	--	--	--	--	--
7/12/2002	--	--	--	--	--	--	--	--	--	--	--	1.8
7/10/2003	--	--	--	--	--	--	--	--	--	--	--	0.89
7/29/2004	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	1.2
9/30/2005	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	0.52
9/26/2006	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	0.60
9/27/2007	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	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<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TRC

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	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)	Trichloro-ethene (TCE) (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	--	--	--	--	--	--	--	ND<0.60	--	--	--	--
7/10/2003	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
7/29/2004	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	ND<0.5
9/30/2005	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	ND<0.50
9/26/2006	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	ND<0.50
9/27/2007	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	ND<0.50
9/17/2008	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	ND<0.50

TRC

Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

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

PROJECT: 154771

FACILITY:

FORMER 76 STATION 3538
411 WEST MacARTHUR BOULEVARD
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

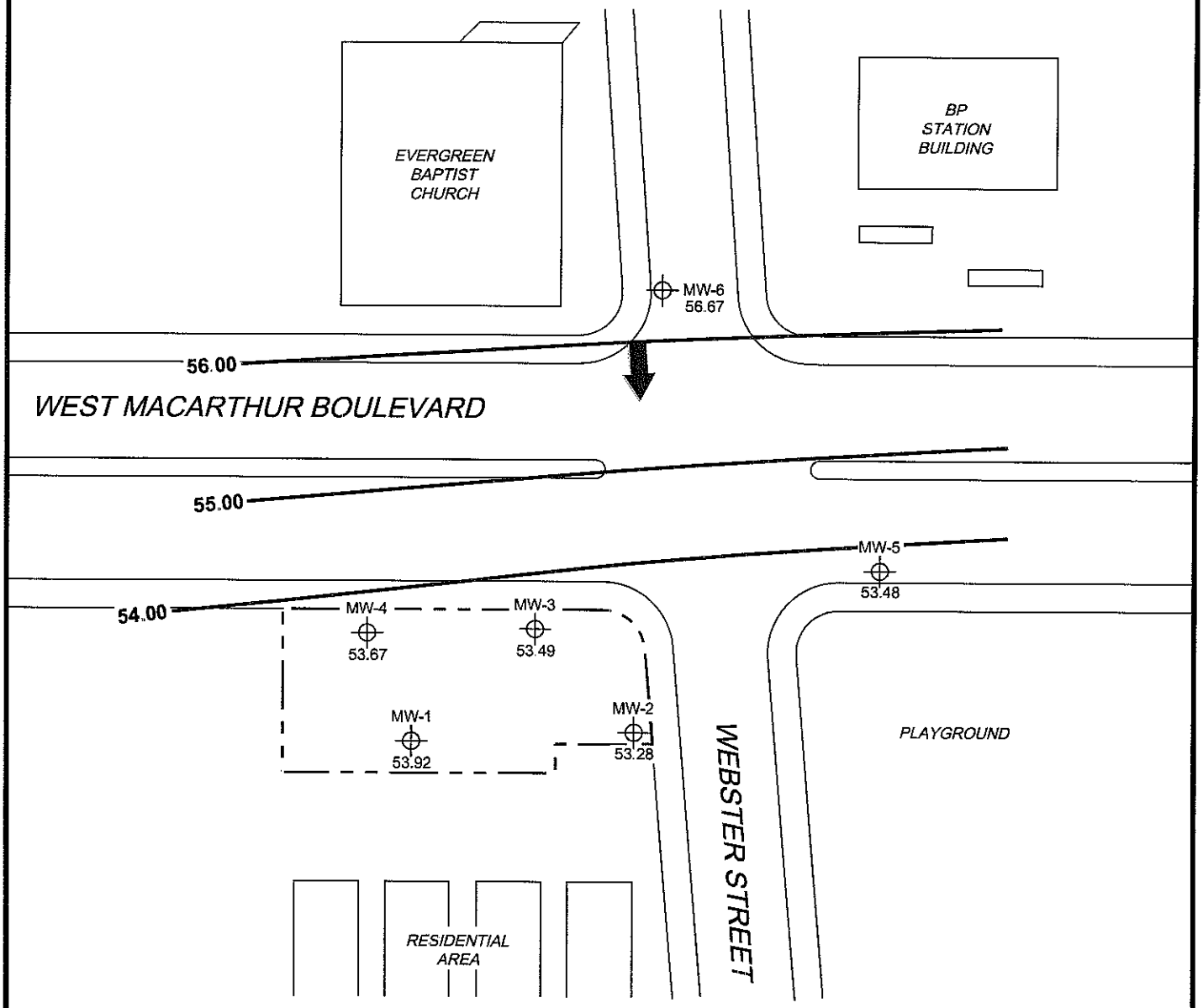
PS=1:1 L:\QMS VICINITY MAPS\3538vm.dwg Oct 14, 2008 - 9:12am bschmidt

LEGEND

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

56.00 — 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: 154771

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

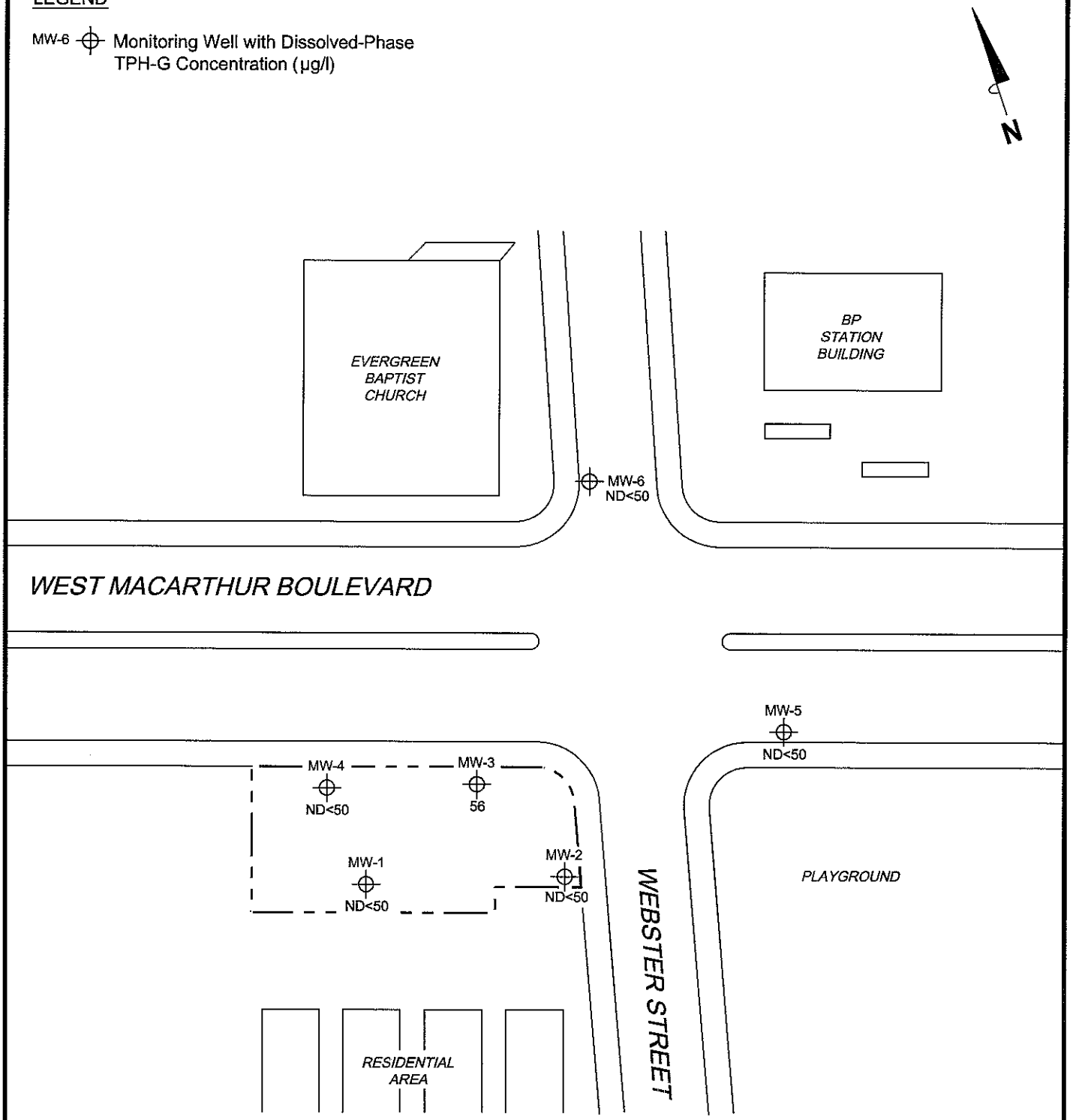
GROUNDWATER ELEVATION CONTOUR MAP
September 17, 2008

FIGURE 2

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTHIx-3000\3538+\3538-QMS-(NEW).dwg Oct 14, 2008 - 7:59am bschmidt

LEGEND

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



NOTES:

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

SCALE (FEET)

0 60

TRC

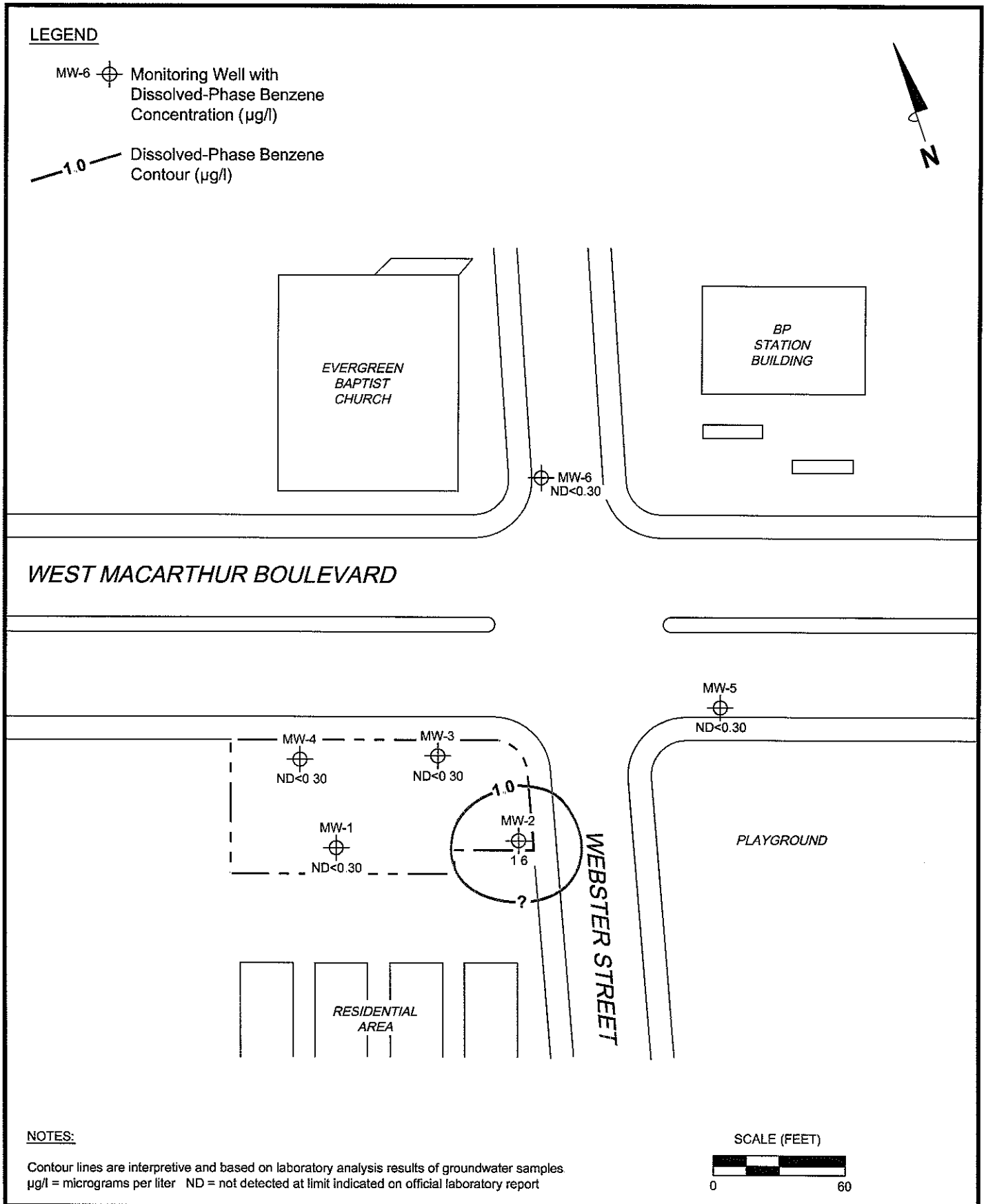
PROJECT: 154771

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

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
September 17, 2008

FIGURE 3

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTHix-3000\3538+\3538-QMS-(NEW).dwg Oct 14, 2008 - 8:00am bschmidt



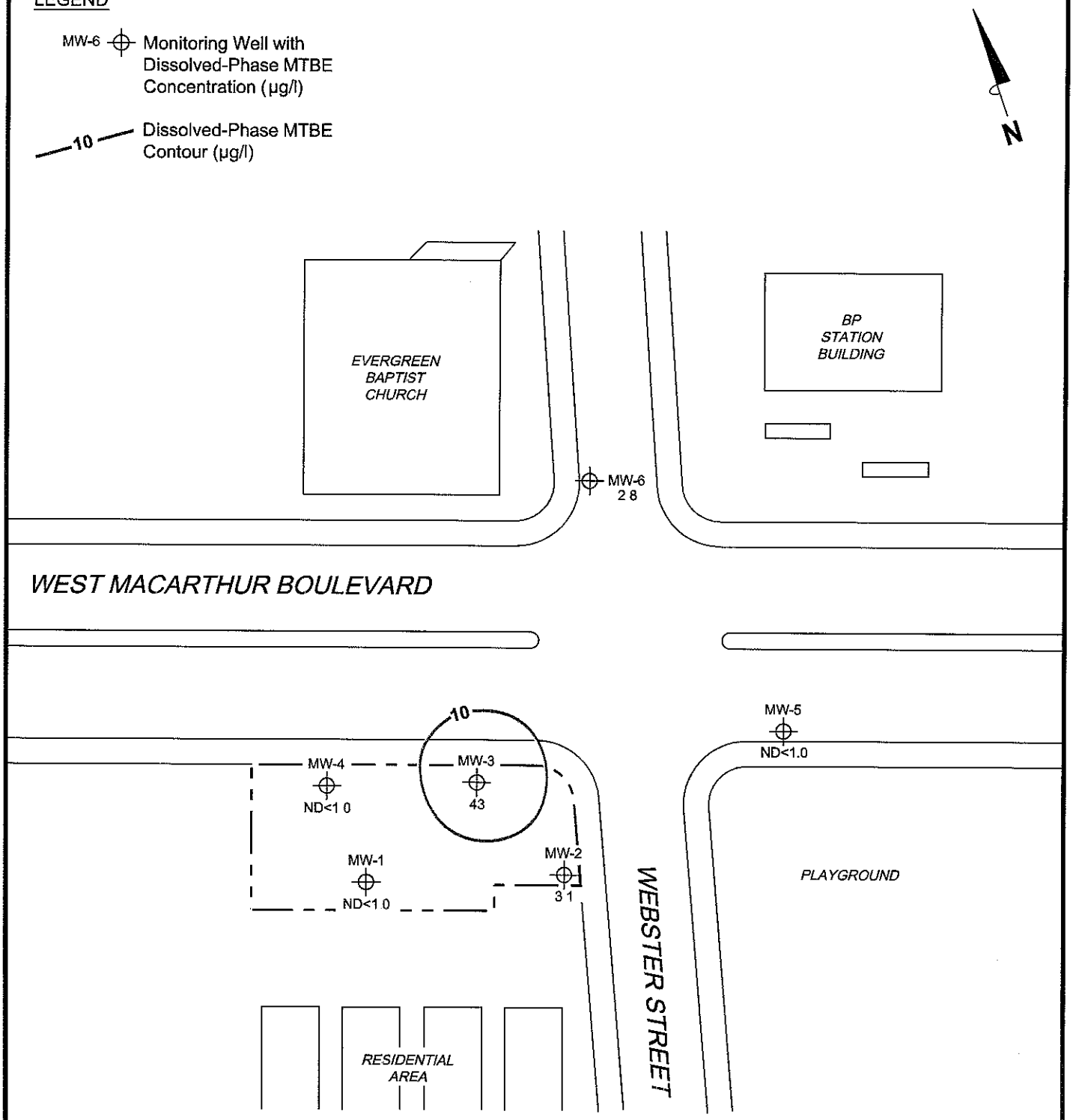
TRC	PROJECT: 154771 FACILITY: FORMER 76 STATION 3538 411 WEST MACARTHUR BLVD OAKLAND, CALIFORNIA	**DISSOLVED-PHASE BENZENE CONCENTRATION MAP** **September 17, 2008** **FIGURE 4**

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTH\x-3000\3538+\3538-QMS-(NEW).dwg Oct 14, 2008 - 8:02am 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: 154771

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

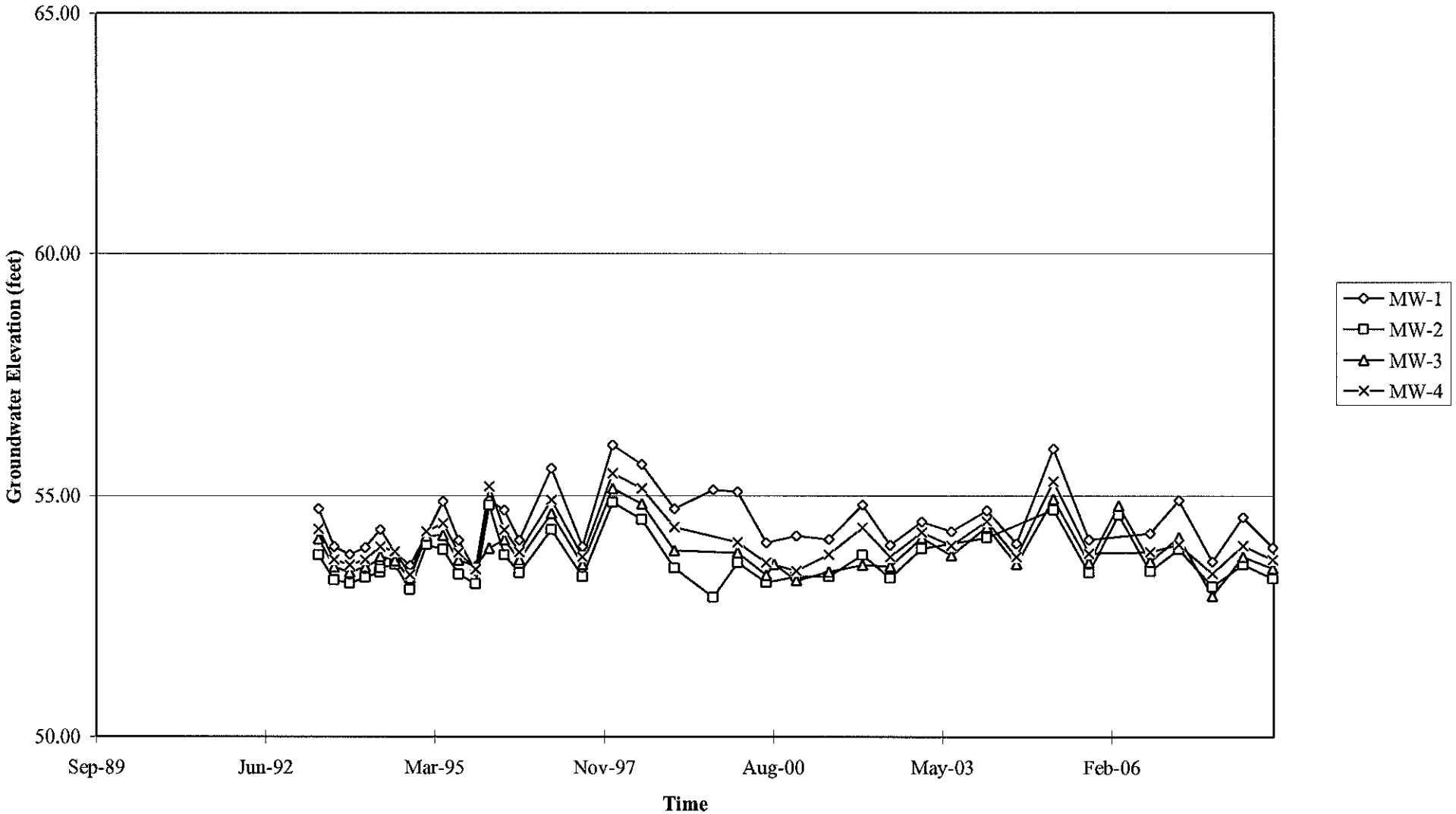
DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 17, 2008

FIGURE 5

MS=1:1 3538-003 L:\Graphics\QMS NORTH-SOUTHIx-300013538+13538-QMS-(NEW).dwg Oct 14, 2008 - 8:04am bschmidt

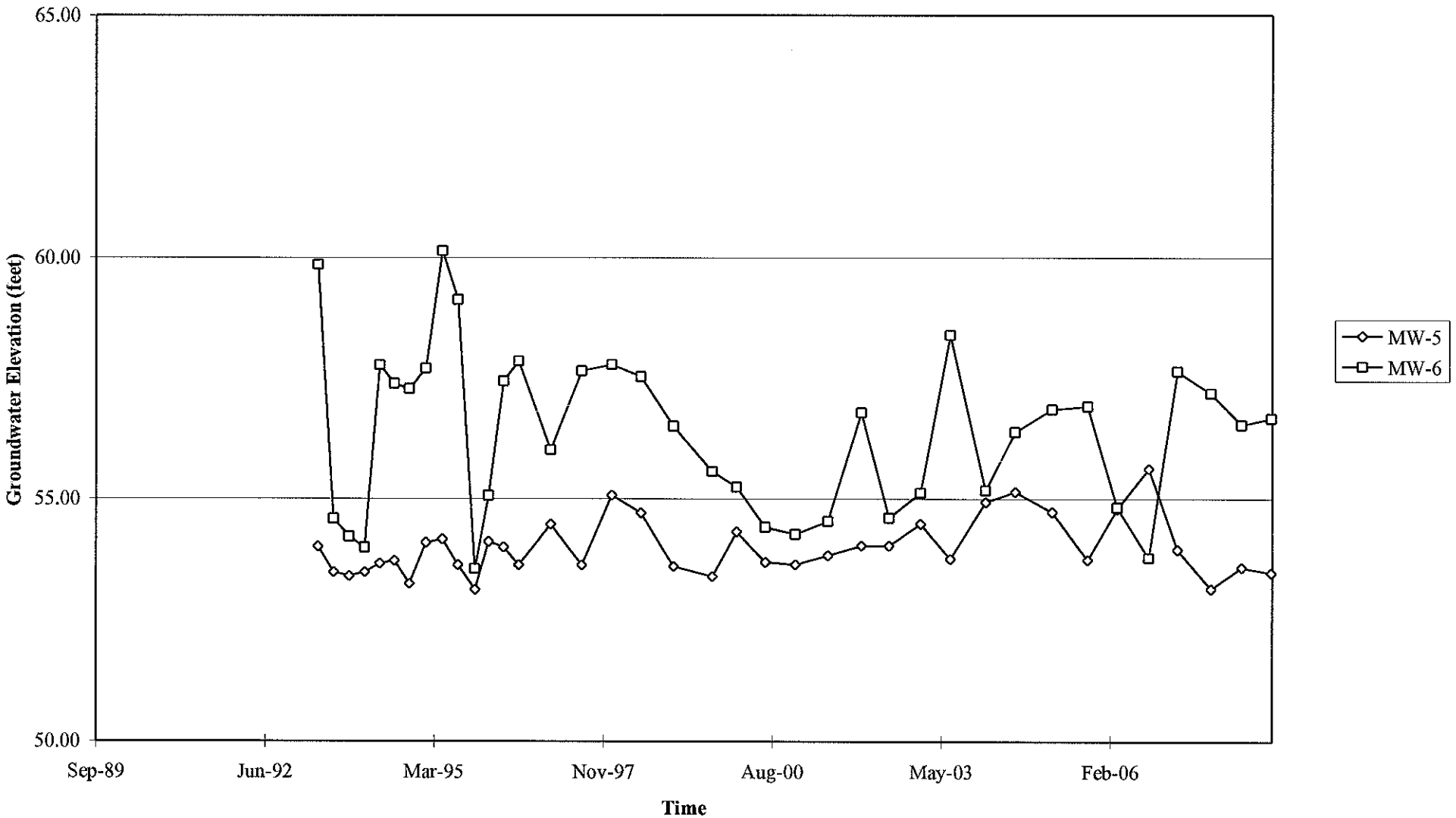
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 3538



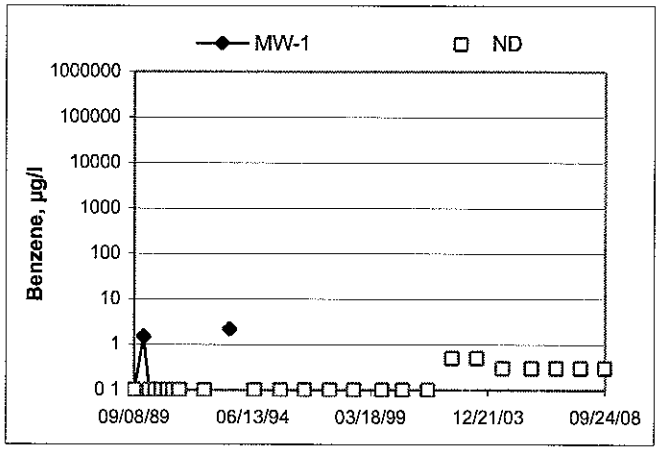
Elevations may have been corrected for apparent changes due to resurvey

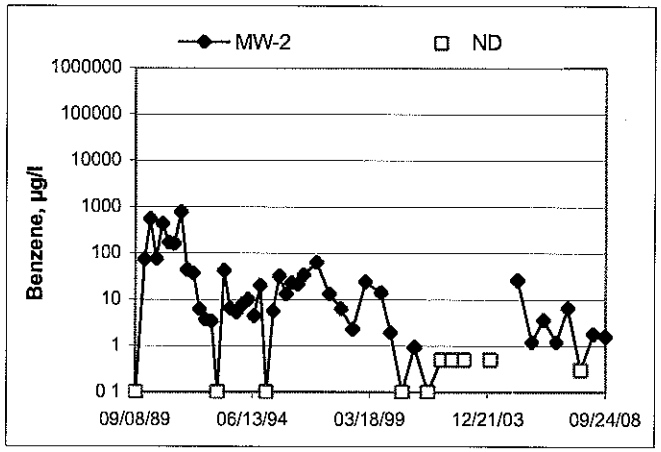
Groundwater Elevations vs. Time
Former 76 Station 3538

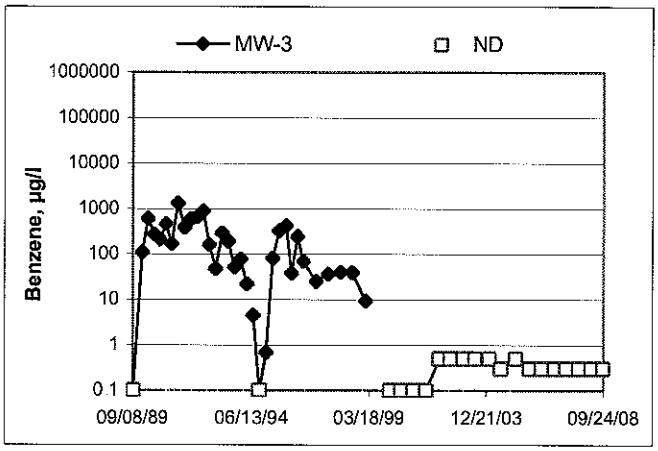


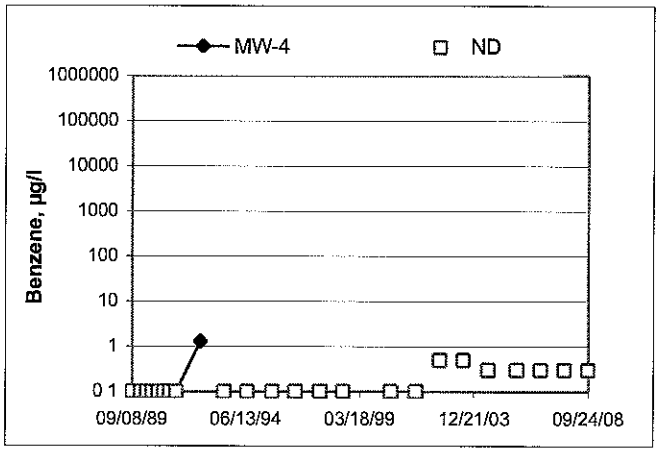
Elevations may have been corrected for apparent changes due to resurvey

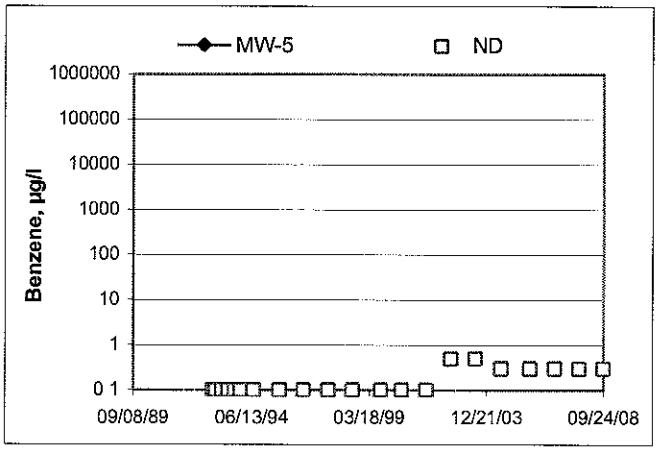
Benzene Concentrations vs Time
Former 76 Station 3538

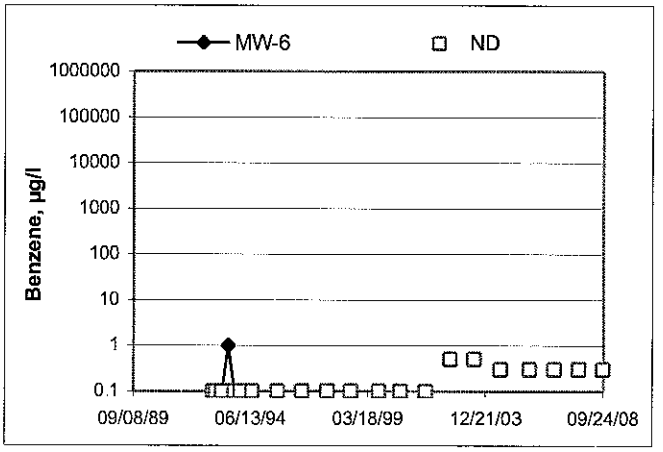












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, IRC 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 IRC'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. IRC 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: JOE Job #/Task #: 154771 / FA20 Date: 09-17-08

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-5	X	1022	30.10	17.68	—	—	1402	2"
MW-6	X	1028	30.05	14.70	—	—	1434	2"
MW-4	X	1033	26.63	17.87	—	—	1124	2"
MW-1	X	1037	23.93	18.20	—	—	1142	2"
MW-3	X	1041	27.14	17.91	—	—	1203	2"
MW-2	X	1048	24.42	18.06	—	—	1224	~~4"~~ SC 2"

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

MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL ✓

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 3538 Project No: 154771 Date: 09-17-08

Well No. MW-5 Purge Method: SUB

Depth to Water (feet): 17.68
Total Depth (feet) 30.10
Water Column (feet): 12.42
80% Recharge Depth(feet): 20.16

Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O (mg/L)	ORP	Turbidity
1256			3	1166	21.4	8.02			
	1302		6	1141	20.8	7.54			
			9	—	—	—			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.35	6	1405

Comments: WENT DRY AT 6 GAL. WELL DID NOT RECHARGE IN 45 MINS

Well No. MW-6 Purge Method: SUB

Depth to Water (feet): 14.70
Total Depth (feet) 30.05
Water Column (feet): 15.35
80% Recharge Depth(feet): 17.77

Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O (mg/L)	ORP	Turbidity
1320			3	897.9	21.5	7.73			
			6	801.8	20.8	7.32			
	1327		9	865.9	20.8	6.97			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.77	9	1434

Comments: WELL TOOK 1 HOUR AND 7 MINUTES TO RECHARGE

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 3538 Project No : 154771 Date: 09-17-08

Well No. MW-4 Purge Method: DIA

Depth to Water (feet): 17.87 Depth to Product (feet): —

Total Depth (feet) 26.63 LPH & Water Recovered (gallons): —

Water Column (feet): 8.76 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.62 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D O (mg/L)	ORP	Turbidity
1116			2	787.7	18.6	7.48			
			4	805.0	18.9	7.16			
	1117		6	810.2	18.8	7.03			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.91	6	1124

Comments:

Well No. MW-1 Purge Method: DIA

Depth to Water (feet): 18.20 Depth to Product (feet): —

Total Depth (feet) 23.93 LPH & Water Recovered (gallons): —

Water Column (feet): 5.73 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.34 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D O (mg/L)	ORP	Turbidity
1134			1	585.2	18.4	7.44			
			2	577.8	17.9	7.27			
	1135		3	573.8	17.8	7.14			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.34	3	1142

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 3538 Project No.: 154771 Date: 09-17-08

Well No. MW-3 Purge Method: DIA

Depth to Water (feet): 17.91 Depth to Product (feet): —

Total Depth (feet) 27.14 LPH & Water Recovered (gallons): —

Water Column (feet): 9.23 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.75 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
1154			3	858.3	19.3	7.25			
			6	870.0	19.1	7.09			
	1156		9	871.3	19.1	6.97			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.45	9	1203

Comments:

Well No. MW-2 Purge Method: DIA

Depth to Water (feet): 18.06 Depth to Product (feet): —

Total Depth (feet) 24.42 LPH & Water Recovered (gallons): —

Water Column (feet): 6.36 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.33 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
1215			2	794.6	19.5	7.48			
			4	805.5	19.0	7.27			
	1217		6	813.0	18.9	7.13			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.09	6	1224

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 09/25/2008

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 3538
BC Work Order: 0812435

Enclosed are the results of analyses for samples received by the laboratory on 9/18/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC 21 Technology Drive Irvine, CA 92618	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/25/2008 12:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0812435-01	**COC Number:**	---	**Receive Date:**	09/18/2008 20:45	Delivery Work Order:
	Project Number:	3538	**Sampling Date:**	09/17/2008 14:02	Global ID: T0600101472
	Sampling Location:	MW-5	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0812435-02	**COC Number:**	---	**Receive Date:**	09/18/2008 20:45	Delivery Work Order:
	Project Number:	3538	**Sampling Date:**	09/17/2008 14:34	Global ID: T0600101472
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0812435-03	**COC Number:**	---	**Receive Date:**	09/18/2008 20:45	Delivery Work Order:
	Project Number:	3538	**Sampling Date:**	09/17/2008 11:24	Global ID: T0600101472
	Sampling Location:	MW-4	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0812435-04	**COC Number:**	---	**Receive Date:**	09/18/2008 20:45	Delivery Work Order:
	Project Number:	3538	**Sampling Date:**	09/17/2008 11:42	Global ID: T0600101472
	Sampling Location:	MW-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-1	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0812435-05	**COC Number:**	---	**Receive Date:**	09/18/2008 20:45	Delivery Work Order:
	Project Number:	3538	**Sampling Date:**	09/17/2008 12:03	Global ID: T0600101472
	Sampling Location:	MW-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:

TRC 21 Technology Drive Irvine, CA 92618	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/25/2008 12:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0812435-06	**COC Number:**	---	**Receive Date:**	09/18/2008 20:45	Delivery Work Order:	
	Project Number:	3538	**Sampling Date:**	09/17/2008 12:24	Global ID: T0600101472	
	Sampling Location:	MW-2	**Sample Depth:**	---	Matrix: W	
	Sampling Point:	MW-2	**Sample Matrix:**	Water	Sample QC Type (SACode): CS	
	Sampled By:	TRCI			Cooler ID:	

TRC 21 Technology Drive Irvine, CA 92618	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/25/2008 12:30

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0812435-01 | **Client Sample Name:** 3538, MW-5, MW-5, 9/17/2008 2:02:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 00:12	JCC	GC-V4	1	BRI1425	ND	
Toluene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 00:12	JCC	GC-V4	1	BRI1425	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 00:12	JCC	GC-V4	1	BRI1425	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	09/23/08	09/24/08 00:12	JCC	GC-V4	1	BRI1425	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	09/23/08	09/24/08 00:12	JCC	GC-V4	1	BRI1425	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/23/08	09/24/08 00:12	JCC	GC-V4	1	BRI1425	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	80.1	%	70 - 130 (LCL - UCL)		EPA-8021	09/23/08	09/24/08 00:12	JCC	GC-V4	1	BRI1425		
a,a,a-Trifluorotoluene (FID Surrogate)	95.6	%	70 - 130 (LCL - UCL)		Luft	09/23/08	09/24/08 00:12	JCC	GC-V4	1	BRI1425		

TRC 21 Technology Drive Irvine, CA 92618	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/25/2008 12:30

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0812435-02 | **Client Sample Name:** 3538, MW-6, MW-6, 9/17/2008 2:34:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 00:36	JCC	GC-V4	1	BRI1425	ND	
Toluene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 00:36	JCC	GC-V4	1	BRI1425	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 00:36	JCC	GC-V4	1	BRI1425	ND	
Methyl t-butyl ether	2.8	ug/L	1.0		EPA-8021	09/23/08	09/24/08 00:36	JCC	GC-V4	1	BRI1425	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	09/23/08	09/24/08 00:36	JCC	GC-V4	1	BRI1425	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/23/08	09/24/08 00:36	JCC	GC-V4	1	BRI1425	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	80.6	%	70 - 130 (LCL - UCL)		EPA-8021	09/23/08	09/24/08 00:36	JCC	GC-V4	1	BRI1425		
a,a,a-Trifluorotoluene (FID Surrogate)	94.4	%	70 - 130 (LCL - UCL)		Luft	09/23/08	09/24/08 00:36	JCC	GC-V4	1	BRI1425		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 3538
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/25/2008 12:30

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0812435-03 | **Client Sample Name:** 3538, MW-4, MW-4, 9/17/2008 11:24:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 01:00	JCC	GC-V4	1	BRI1425	ND	
Toluene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 01:00	JCC	GC-V4	1	BRI1425	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 01:00	JCC	GC-V4	1	BRI1425	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	09/23/08	09/24/08 01:00	JCC	GC-V4	1	BRI1425	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	09/23/08	09/24/08 01:00	JCC	GC-V4	1	BRI1425	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/23/08	09/24/08 01:00	JCC	GC-V4	1	BRI1425	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	80.3	%	70 - 130	(LCL - UCL)	EPA-8021	09/23/08	09/24/08 01:00	JCC	GC-V4	1	BRI1425		
a,a,a-Trifluorotoluene (FID Surrogate)	97.8	%	70 - 130	(LCL - UCL)	Luft	09/23/08	09/24/08 01:00	JCC	GC-V4	1	BRI1425		

TRC 21 Technology Drive Irvine, CA 92618	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 09/25/2008 12:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0812435-04 | **Client Sample Name:** 3538, MW-1, MW-1, 9/17/2008 11:42:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Methylene chloride	ND	ug/L	1.0		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	

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Project: 3538
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0812435-04 | **Client Sample Name:** 3538, MW-1, MW-1, 9/17/2008 11:42:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114	(LCL - UCL)	EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294		
Toluene-d8 (Surrogate)	102	%	88 - 110	(LCL - UCL)	EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115	(LCL - UCL)	EPA-8260	09/22/08	09/23/08 11:08	ANO	MS-V4	1	BRI1294		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0812435-04 | **Client Sample Name:** 3538, MW-1, MW-1, 9/17/2008 11:42:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 01:24	JCC	GC-V4	1	BRI1425	ND	
Toluene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 01:24	JCC	GC-V4	1	BRI1425	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 01:24	JCC	GC-V4	1	BRI1425	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8021	09/23/08	09/24/08 01:24	JCC	GC-V4	1	BRI1425	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	09/23/08	09/24/08 01:24	JCC	GC-V4	1	BRI1425	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/23/08	09/24/08 01:24	JCC	GC-V4	1	BRI1425	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	78.4	%	70 - 130	(LCL - UCL)	EPA-8021	09/23/08	09/24/08 01:24	JCC	GC-V4	1	BRI1425		
a,a,a-Trifluorotoluene (FID Surrogate)	94.0	%	70 - 130	(LCL - UCL)	Luft	09/23/08	09/24/08 01:24	JCC	GC-V4	1	BRI1425		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0812435-05 | **Client Sample Name:** 3538, MW-3, MW-3, 9/17/2008 12:03:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 01:48	JCC	GC-V4	1	BRI1425	ND	
Toluene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 01:48	JCC	GC-V4	1	BRI1425	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 01:48	JCC	GC-V4	1	BRI1425	ND	
Methyl t-butyl ether	43	ug/L	1.0		EPA-8021	09/23/08	09/24/08 01:48	JCC	GC-V4	1	BRI1425	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	09/23/08	09/24/08 01:48	JCC	GC-V4	1	BRI1425	ND	
Gasoline Range Organics (C4 - C12)	56	ug/L	50		Luft	09/23/08	09/24/08 01:48	JCC	GC-V4	1	BRI1425	ND	A91
a,a,a-Trifluorotoluene (PID Surrogate)	79.5	%	70 - 130 (LCL - UCL)		EPA-8021	09/23/08	09/24/08 01:48	JCC	GC-V4	1	BRI1425		
a,a,a-Trifluorotoluene (FID Surrogate)	96.0	%	70 - 130 (LCL - UCL)		Luft	09/23/08	09/24/08 01:48	JCC	GC-V4	1	BRI1425		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0812435-06 | **Client Sample Name:** 3538, MW-2, MW-2, 9/17/2008 12:24:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	1.6	ug/L	0.30		EPA-8021	09/23/08	09/24/08 02:12	JCC	GC-V4	1	BRI1425	ND	
Toluene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 02:12	JCC	GC-V4	1	BRI1425	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	09/23/08	09/24/08 02:12	JCC	GC-V4	1	BRI1425	ND	
Methyl t-butyl ether	3.1	ug/L	1.0		EPA-8021	09/23/08	09/24/08 02:12	JCC	GC-V4	1	BRI1425	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	09/23/08	09/24/08 02:12	JCC	GC-V4	1	BRI1425	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/23/08	09/24/08 02:12	JCC	GC-V4	1	BRI1425	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	80.8	%	70 - 130 (LCL - UCL)		EPA-8021	09/23/08	09/24/08 02:12	JCC	GC-V4	1	BRI1425		
a,a,a-Trifluorotoluene (FID Surrogate)	90.4	%	70 - 130 (LCL - UCL)		Luft	09/23/08	09/24/08 02:12	JCC	GC-V4	1	BRI1425		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Bromodichloromethane	BRI1294	Matrix Spike	0812303-05	0	28.640	25.000	ug/L		115		70 - 130	
		Matrix Spike Duplicate	0812303-05	0	25.720	25.000	ug/L	11.0	103	20	70 - 130	
Chlorobenzene	BRI1294	Matrix Spike	0812303-05	0	27.110	25.000	ug/L		108		70 - 130	
		Matrix Spike Duplicate	0812303-05	0	23.820	25.000	ug/L	12.5	95.3	20	70 - 130	
Chloroethane	BRI1294	Matrix Spike	0812303-05	0	24.570	25.000	ug/L		98.3		70 - 130	
		Matrix Spike Duplicate	0812303-05	0	22.960	25.000	ug/L	6.8	91.8	20	70 - 130	
1,4-Dichlorobenzene	BRI1294	Matrix Spike	0812303-05	0	26.340	25.000	ug/L		105		70 - 130	
		Matrix Spike Duplicate	0812303-05	0	22.390	25.000	ug/L	15.8	89.6	20	70 - 130	
1,1-Dichloroethane	BRI1294	Matrix Spike	0812303-05	0	27.860	25.000	ug/L		111		70 - 130	
		Matrix Spike Duplicate	0812303-05	0	24.990	25.000	ug/L	10.4	100	20	70 - 130	
1,1-Dichloroethene	BRI1294	Matrix Spike	0812303-05	0	26.590	25.000	ug/L		106		70 - 130	
		Matrix Spike Duplicate	0812303-05	0	23.420	25.000	ug/L	12.3	93.7	20	70 - 130	
Trichloroethene	BRI1294	Matrix Spike	0812303-05	0	27.810	25.000	ug/L		111		70 - 130	
		Matrix Spike Duplicate	0812303-05	0	25.110	25.000	ug/L	10.4	100	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI1294	Matrix Spike	0812303-05	ND	10.860	10.000	ug/L		109		76 - 114	
		Matrix Spike Duplicate	0812303-05	ND	10.710	10.000	ug/L		107		76 - 114	
Toluene-d8 (Surrogate)	BRI1294	Matrix Spike	0812303-05	ND	10.210	10.000	ug/L		102		88 - 110	
		Matrix Spike Duplicate	0812303-05	ND	10.340	10.000	ug/L		103		88 - 110	
4-Bromofluorobenzene (Surrogate)	BRI1294	Matrix Spike	0812303-05	ND	10.350	10.000	ug/L		104		86 - 115	
		Matrix Spike Duplicate	0812303-05	ND	10.050	10.000	ug/L		100		86 - 115	

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BRI1425	Matrix Spike	0811604-38	0	33.930	40.000	ug/L		84.8		70 - 130	
		Matrix Spike Duplicate	0811604-38	0	34.237	40.000	ug/L	0.9	85.6	20	70 - 130	
Toluene	BRI1425	Matrix Spike	0811604-38	0	34.383	40.000	ug/L		86.0		70 - 130	
		Matrix Spike Duplicate	0811604-38	0	34.650	40.000	ug/L	0.7	86.6	20	70 - 130	
Ethylbenzene	BRI1425	Matrix Spike	0811604-38	0	33.952	40.000	ug/L		84.9		70 - 130	
		Matrix Spike Duplicate	0811604-38	0	34.105	40.000	ug/L	0.5	85.3	20	70 - 130	
Methyl t-butyl ether	BRI1425	Matrix Spike	0811604-38	0	32.959	40.000	ug/L		82.4		70 - 130	
		Matrix Spike Duplicate	0811604-38	0	33.136	40.000	ug/L	0.5	82.8	20	70 - 130	
Total Xylenes	BRI1425	Matrix Spike	0811604-38	0	107.13	120.00	ug/L		89.3		70 - 130	
		Matrix Spike Duplicate	0811604-38	0	107.42	120.00	ug/L	0.2	89.5	20	70 - 130	
Gasoline Range Organics (C4 - C12)	BRI1425	Matrix Spike	0811604-38	0	1030.5	1000.0	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0811604-38	0	1027.2	1000.0	ug/L	0	103	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	BRI1425	Matrix Spike	0811604-38	ND	38.594	40.000	ug/L		96.5		70 - 130	
		Matrix Spike Duplicate	0811604-38	ND	37.963	40.000	ug/L		94.9		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	BRI1425	Matrix Spike	0811604-38	ND	39.339	40.000	ug/L		98.3		70 - 130	
		Matrix Spike Duplicate	0811604-38	ND	40.230	40.000	ug/L		101		70 - 130	

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Bromodichloromethane	BRI1294	BRI1294-BS1	LCS	26.120	25.000	0.50	ug/L	104		70 - 130		
Chlorobenzene	BRI1294	BRI1294-BS1	LCS	24.240	25.000	0.50	ug/L	97.0		70 - 130		
Chloroethane	BRI1294	BRI1294-BS1	LCS	22.170	25.000	0.50	ug/L	88.7		70 - 130		
1,4-Dichlorobenzene	BRI1294	BRI1294-BS1	LCS	23.510	25.000	0.50	ug/L	94.0		70 - 130		
1,1-Dichloroethane	BRI1294	BRI1294-BS1	LCS	25.000	25.000	0.50	ug/L	100		70 - 130		
1,1-Dichloroethene	BRI1294	BRI1294-BS1	LCS	23.740	25.000	0.50	ug/L	95.0		70 - 130		
Trichloroethene	BRI1294	BRI1294-BS1	LCS	26.020	25.000	0.50	ug/L	104		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI1294	BRI1294-BS1	LCS	10.020	10.000		ug/L	100		76 - 114		
Toluene-d8 (Surrogate)	BRI1294	BRI1294-BS1	LCS	10.250	10.000		ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRI1294	BRI1294-BS1	LCS	10.230	10.000		ug/L	102		86 - 115		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BRI1425	BRI1425-BS1	LCS	34.574	40.000	0.30	ug/L	86.4		85 - 115		
Toluene	BRI1425	BRI1425-BS1	LCS	34.920	40.000	0.30	ug/L	87.3		85 - 115		
Ethylbenzene	BRI1425	BRI1425-BS1	LCS	34.241	40.000	0.30	ug/L	85.6		85 - 115		
Methyl t-butyl ether	BRI1425	BRI1425-BS1	LCS	34.026	40.000	1.0	ug/L	85.1		85 - 115		
Total Xylenes	BRI1425	BRI1425-BS1	LCS	108.68	120.00	0.60	ug/L	90.6		85 - 115		
Gasoline Range Organics (C4 - C12)	BRI1425	BRI1425-BS1	LCS	1048.9	1000.0	50	ug/L	105		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BRI1425	BRI1425-BS1	LCS	38.561	40.000		ug/L	96.4		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BRI1425	BRI1425-BS1	LCS	40.038	40.000		ug/L	100		70 - 130		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Bromodichloromethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Bromoform	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Bromomethane	BRI1294	BRI1294-BLK1	ND	ug/L	1.0		
Carbon tetrachloride	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Chlorobenzene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Chloroethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Chloroform	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Chloromethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Dichlorodifluoromethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,1-Dichloroethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,2-Dichloropropane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
cis-1,3-Dichloropropene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Methylene chloride	BRI1294	BRI1294-BLK1	ND	ug/L	1.0		
Methyl t-butyl ether	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Tetrachloroethene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Trichloroethene	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,1,2-Trichloro-1,2,2-trifluoroethane	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
Vinyl chloride	BRI1294	BRI1294-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane-d4 (Surrogate)	BRI1294	BRI1294-BLK1	102	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI1294	BRI1294-BLK1	103	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI1294	BRI1294-BLK1	104	%	86 - 115 (LCL - UCL)		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 3538
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/25/2008 12:30

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRI1425	BRI1425-BLK1	ND	ug/L	0.30		
Toluene	BRI1425	BRI1425-BLK1	ND	ug/L	0.30		
Ethylbenzene	BRI1425	BRI1425-BLK1	ND	ug/L	0.30		
Methyl t-butyl ether	BRI1425	BRI1425-BLK1	ND	ug/L	1.0		
Total Xylenes	BRI1425	BRI1425-BLK1	ND	ug/L	0.60		
Gasoline Range Organics (C4 - C12)	BRI1425	BRI1425-BLK1	ND	ug/L	50		
a,a,a-Trifluorotoluene (PID Surrogate)	BRI1425	BRI1425-BLK1	85.4	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BRI1425	BRI1425-BLK1	98.3	%	70 - 130 (LCL - UCL)		

TRC	Project: 3538	**Reported:** 09/25/2008 12:30
21 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A91	TPH does not exhibit a "gasoline" pattern. TPH is entirely due to MTBE.

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

Submission #: 0812436

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: 0.97 Container: VOA Thermometer ID: 48

Temperature: A 1.8 °C / C 0.9 °C

Date/Time 9-18-08 2113

Analyst Init JDW

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A6	A6	A3	A3	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: _____ Date/Time: 9/19 1105

A = Actual / C = Corrected

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

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

0812434345 CH 916

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**	MATRIX (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge
Address: 411 MacArthur Blvd	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan	
City: oakland	**4-digit site#:** 3538	
	Workorder # 01178-4509117984	
State: CA **Zip:**	**Project #:** 154771	
Conoco Phillips Mgr: Jerry Grayson	**Sampler Name:** JOE L.	

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	Hex SL	HVOCs (8010 list) by 8260B		Turnaround Time Requested
-1		MW-5	09-17-08 1402	GW	X	X									STD
-2		MW-6	1434												
-3		MW-4	1124												
-4		MW-1	1142										X		
-5		MW-3	1203												
-6		MW-2	1224												

CHK BY DISTRIBUTION

SUB-OUT

Comments:

GLOBAL ID: T0600101472

Relinquished by: (Signature)	Received by:	Date & Time
Joe D. Leiva	refrigerator	09-17-08 1543
Ross Dickey 9/18/08	Ross Dickey	9/18/08 1400
Ross Dickey 9/18/08	R Rhyne	9-18-08 1750
R Rhyne 9-18-08 2045	Mel Watt	9-18-08 2045

STATEMENTS

Purge Water Disposal

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

Limitations

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