ConocoPhillips
76 Broadway
Sacramento, California 95818

October 30, 2006

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Report Transmittal**
Quarterly Report
Third Quarter – 2006
76 Service Station# 3538
411 W. MacArthur Boulevard
Oakland, CA

Dear Mr. Hwang:

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

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

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

Sincerely,

Thomas Kosel
Risk Management & Remediation

Attachment

TRC
Customer-Focused Solutions

October 30, 2006 TRC Project No. 42014212

Mr. Don Hwang
Hazardous Materials Specialist
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report - Third Quarter 2006
76 Service Station #3538, 411 W. MacArthur Boulevard, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Third Quarter 2006 Status Report for the subject site, a former Tosco (76) service station located on the southwest corner of MacArthur Boulevard and Webster Street in Oakland, California. The site is currently a used car sales lot and is entirely fenced. All petroleum storage and dispensing equipment were removed in September of 1998 during station demolition activities. Six groundwater-monitoring wells are present at and in the site vicinity.

PREVIOUS ASSESSMENTS

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 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 gasoline tanks. 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 removed during overexcavation. 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: Karpealian Engineering, Inc. (KEI) installed four groundwater monitoring wells at the site. The four wells were installed to depths of approximately 30 feet bgs.

November 1992: Two additional groundwater monitoring wells were installed offsite 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, and methyl tertiary butyl ether (MTBE) was not detected.

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

March 27 and 28, 2006: TRC conducted additional soil and groundwater assessment at the Site. The investigation involved the advancement of three onsite soil boring (SB-3, SB-4, and SB5) and two offsite soil borings (SB-1 and SB-2) to sufficient depth to obtain representative groundwater samples (approximately 16 feet bgs)

SENSITIVE RECEPTORS

A sensitive receptor survey conducted at the site. According to the California Department of Water Resources (DWR) records, no water supply wells 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.

MONITORING AND SAMPLING

Currently, two wells (MW-2 and MW-3) are monitored semi-annually and four wells are monitored annually. Six wells were gauged and sampled this quarter. The groundwater gradient flow direction is toward the west at a calculated hydraulic gradient of 0.02 feet per foot. A graph of historical groundwater flow directions is included in this report.

CHARACTERIZATION STATUS

TPH-g was detected in one of six wells sampled at a concentration of 51 micrograms per liter (µg/l) in onsite well MW-3. Benzene was detected in one of six wells sampled at a concentration of 1.2 µg/l in onsite well MW-2. MTBE was detected in one of six wells sampled at a concentration of 41 µg/l in onsite well MW-3. Currently, the dissolved-phase plume is not defined to the south-southeast.

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.

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

September 26, 2006: TRC performed groundwater monitoring and sampling this quarter. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

CONCLUSIONS AND RECOMMENDATIONS

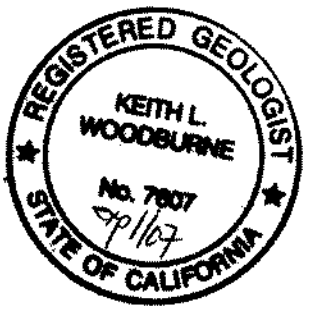
Based on the results of the additional soil and groundwater investigation, TRC recommended installation of two offsite monitoring well along the east and west side of Webster Street in the vicinity and slightly downgradient of boring SB-1 to monitor the current dissolved-phase plume and to provide a monitoring point for evaluating plume stability.

TRC will also prepare a Site Conceptual Model (SCM), per Alameda County guidance for electronic report submittal, to summarize site conditions and evaluate path forward. TRC will include a work plan for the offsite well installation as an attachment to the electronic SCM.

Based on information presented in the upcoming SCM, and on subsequent groundwater monitoring data from the proposed offsite wells, TRC may recommend site closure after several quarters of monitoring if the plume appears stable and remains defined within the monitoring well network.

If you have any questions regarding this report, please call me at (925) 688-2488.

Sincerely,
TRC

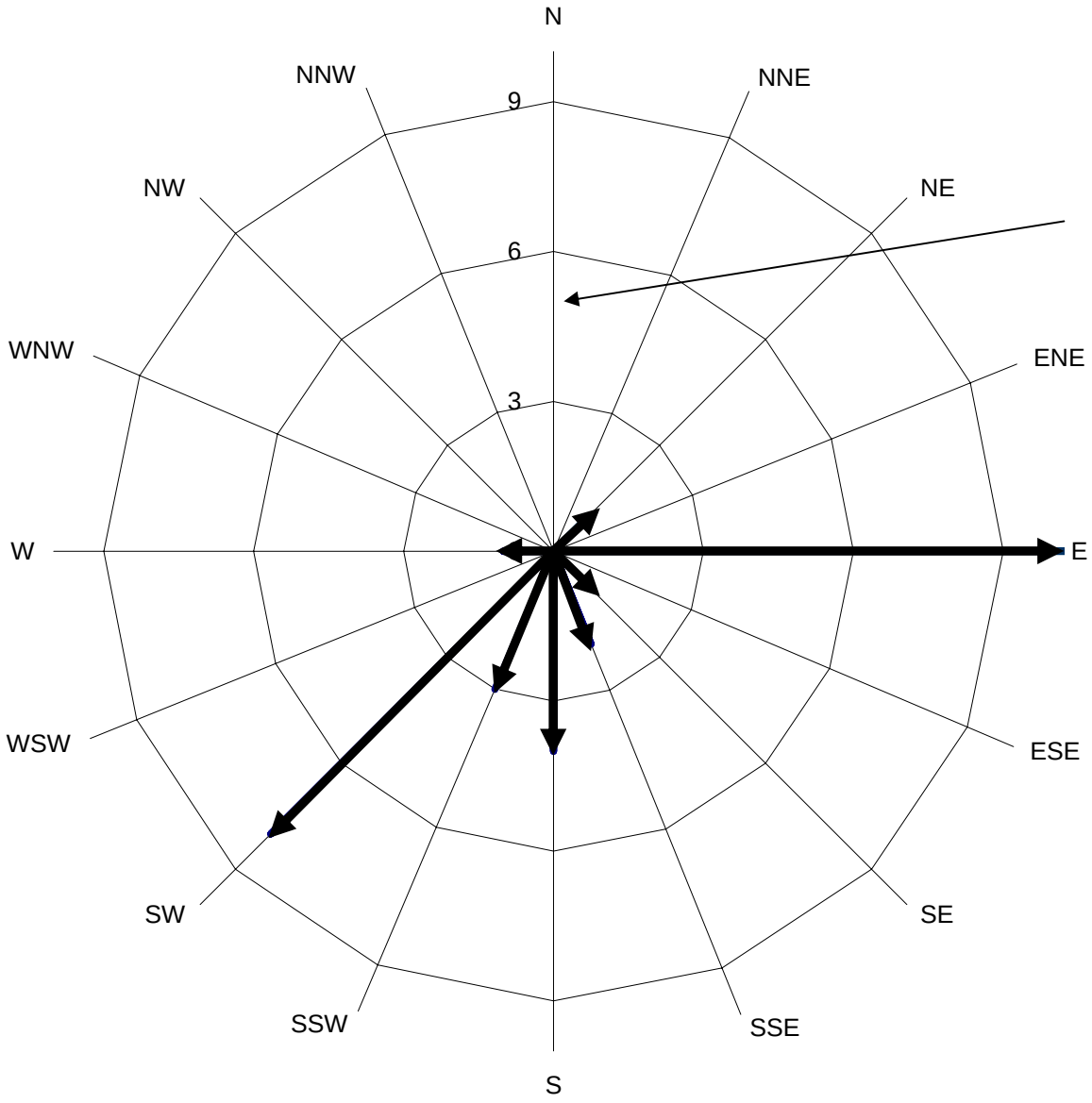


Keith Woodburne, P.G.
Senior Project Manager

Attachments:
Semi-Annual Monitoring Report, April 2006 through September 2006 (TRC, October 13, 2006)
Historical Groundwater Flow Directions – February 1990 through September 2006

cc: Shelby Lathrop, ConocoPhillips (electronic upload only)

Historical Groundwater Flow Directions
for Tosco (76) Service Station No. 3538
February 1990 through September 2006



Number of monitoring events in which groundwater was reported to flow in a particular direction.

TRC

TRC

October 13, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MS. SHELBY LATHROP

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

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2006

Dear Ms. Lathrop:

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) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Keith Woodburne, TRC (2 copies)

Enclosures
20-0400/3538R06.QMS

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

TRC

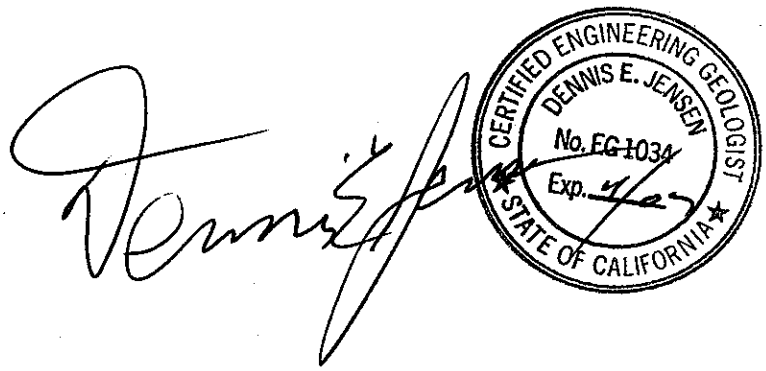
SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2006

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

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations
October 13, 2006

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

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 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 Sheets – 09/26/06 Groundwater Sampling Field Notes – 09/26/06
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2006 through September 2006
Former 76 Station 3538
411 West MacArthur Blvd.
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-588-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **09/26/06**

Sample Points

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

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **15.54 feet** Maximum: **17.91 feet**
Average groundwater elevation (relative to available local datum): **54.09 feet**
Average change in groundwater elevation since previous event: **-0.63 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.02 ft/ft, west**
Previous event: **0.01 ft/ft, southwest (03/23/06)**

Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **1.2 µg/l (MW-2)**

Wells with **TPH-G** **1** Maximum: **51 µg/l (MW-3)**
Wells with **MTBE** **1** Maximum: **41 µg/l (MW-3)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
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
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	
Table 1a	Well/ Date	1,2-DCA (EDC)	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA
Table 1b	Well/ Date	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Methylene chloride	1,1,2,2-Tetrachloro - ethane	Tetrachloro - ethene (PCE)	Trichloro-trifluoro-ethane	1,1,1-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)			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

September 26, 2006

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													
09/26/06	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	
MW-2													
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	--	
MW-3													
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	--	
MW-4													
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	--	
MW-5													
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	--	
MW-6													
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	--	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	1,2-DCA (EDC)	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1															
09/26/06	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Methylene chloride	1,1,2,2-Tetrachloro-ethane	Tetrachloro-ethene (PCE)	Trichloro-trifluoro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl 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															
09/26/06	0.60	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	7.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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 September 2006

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	
MW-2													
09/15/89	--	--	--	--	--	290	ND	12	ND	ND	--	--	
01/23/90	--	--	--	--	--	400	73	36	10	40	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
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	--	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
09/26/06	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	--	
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	--	--	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
01/09/95	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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
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	--	
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	--	--	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
10/26/95	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	--	
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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
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	--	
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	--	--	--	--	--	--	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
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
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	--	
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	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
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	--	--	--	--	--	--	--	
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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1989 Through September 2006

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													
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	--	

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
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	--	--	--	--	--	--	--

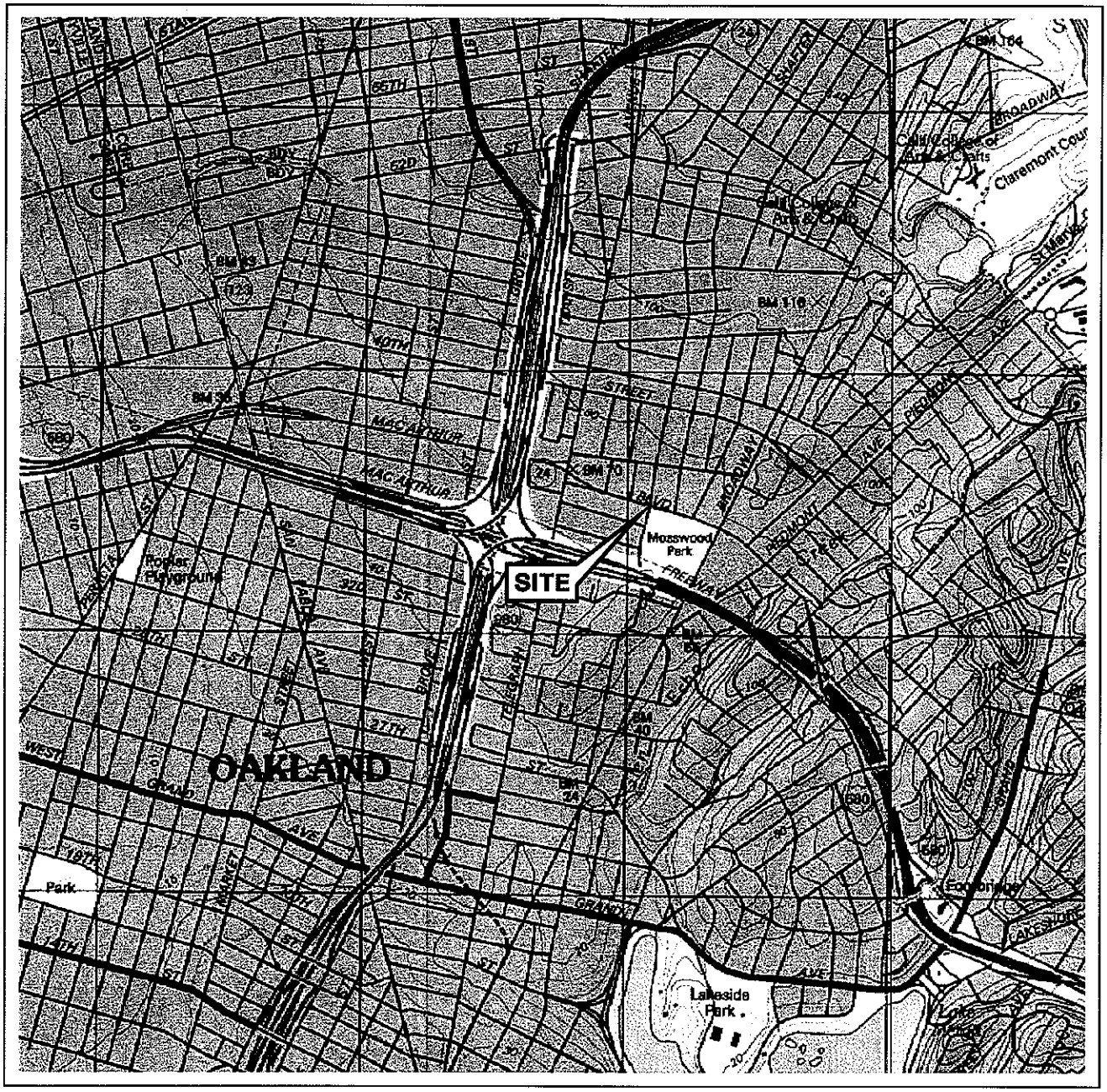
Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

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

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 3538

Date Sampled	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)	Trichloro-fluoro-methane (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

FIGURES



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

SCALE 1:24,000

N

SOURCE:

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

VICINITY MAP

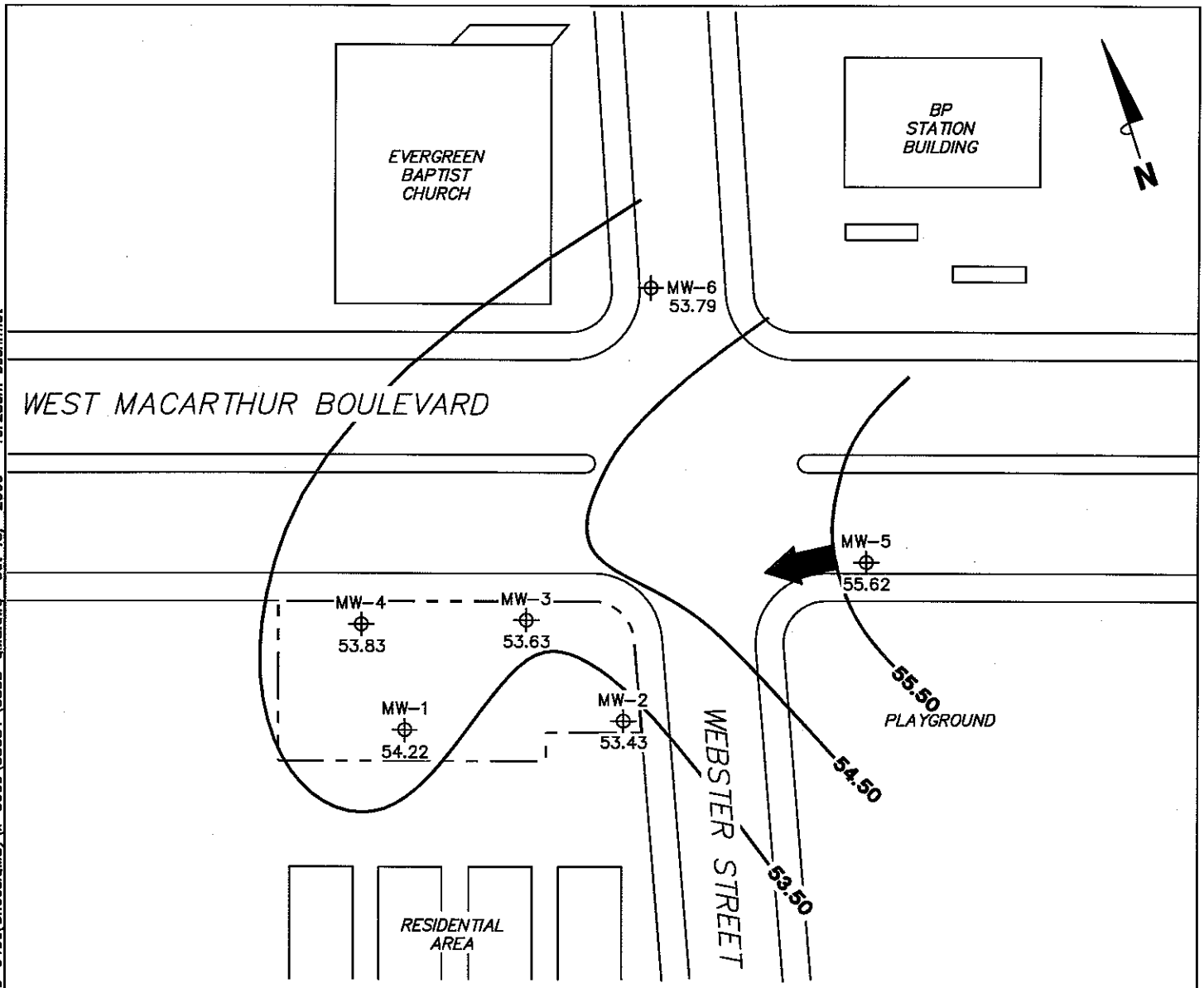
Former 76 Station 3538
411 West MacArthur Boulevard
Oakland, California

FIGURE 1

TRC

PS = 1:1

L:\ V I C I N I T Y M A P S\3538vm.dwg Apr 05, 2006 – 5:40pm lwinters



NOTES:

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

LEGEND

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

55.50— Groundwater Elevation Contour

General Direction of Groundwater Flow

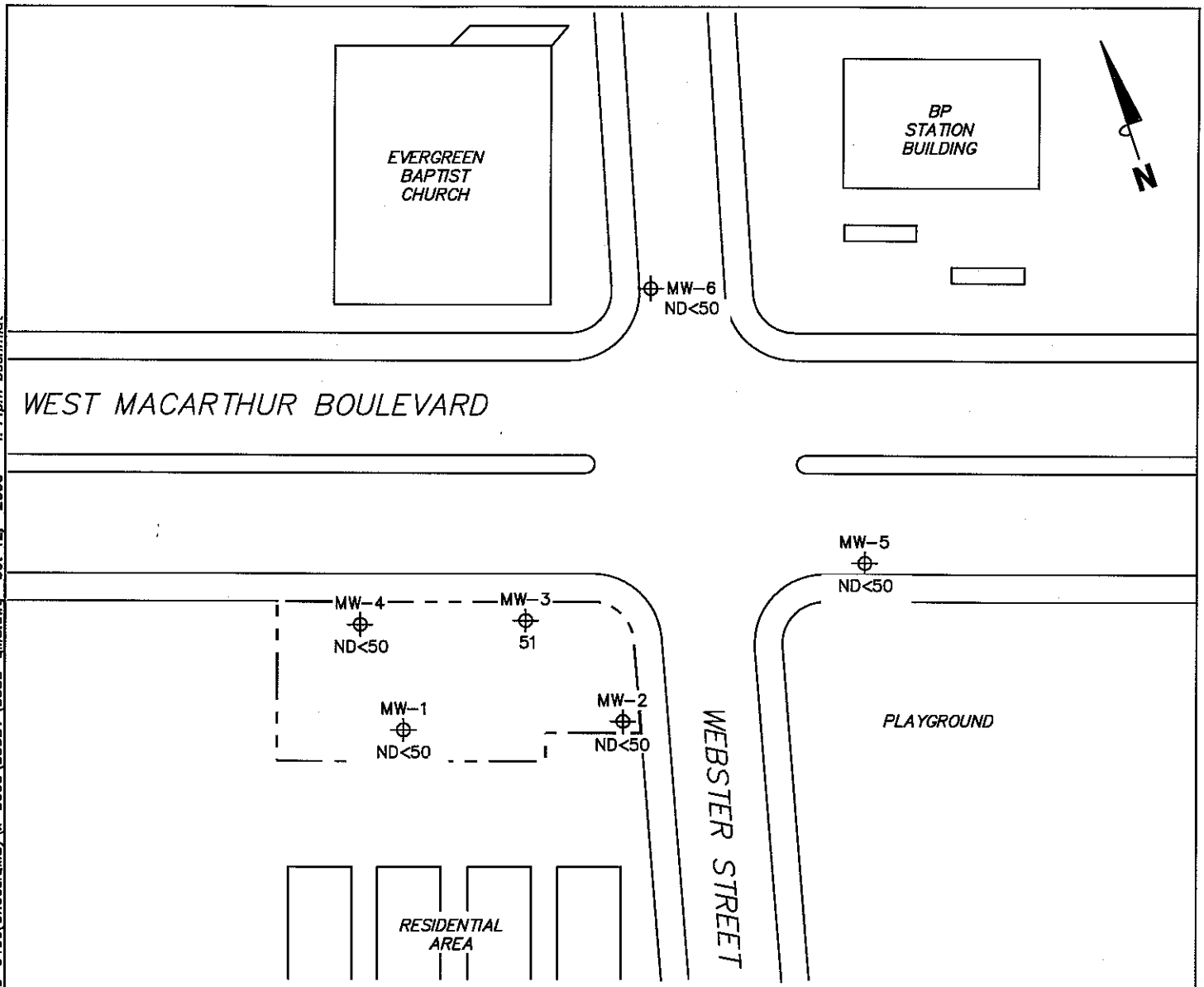
GROUNDWATER ELEVATION CONTOUR MAP
September 26, 2006

Former 76 Station 3538
411 West MacArthur Boulevard
Oakland, California

TRC

SCALE (FEET)
0 60

FIGURE 2



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 8015.

LEGEND

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

TRC

SCALE (FEET)

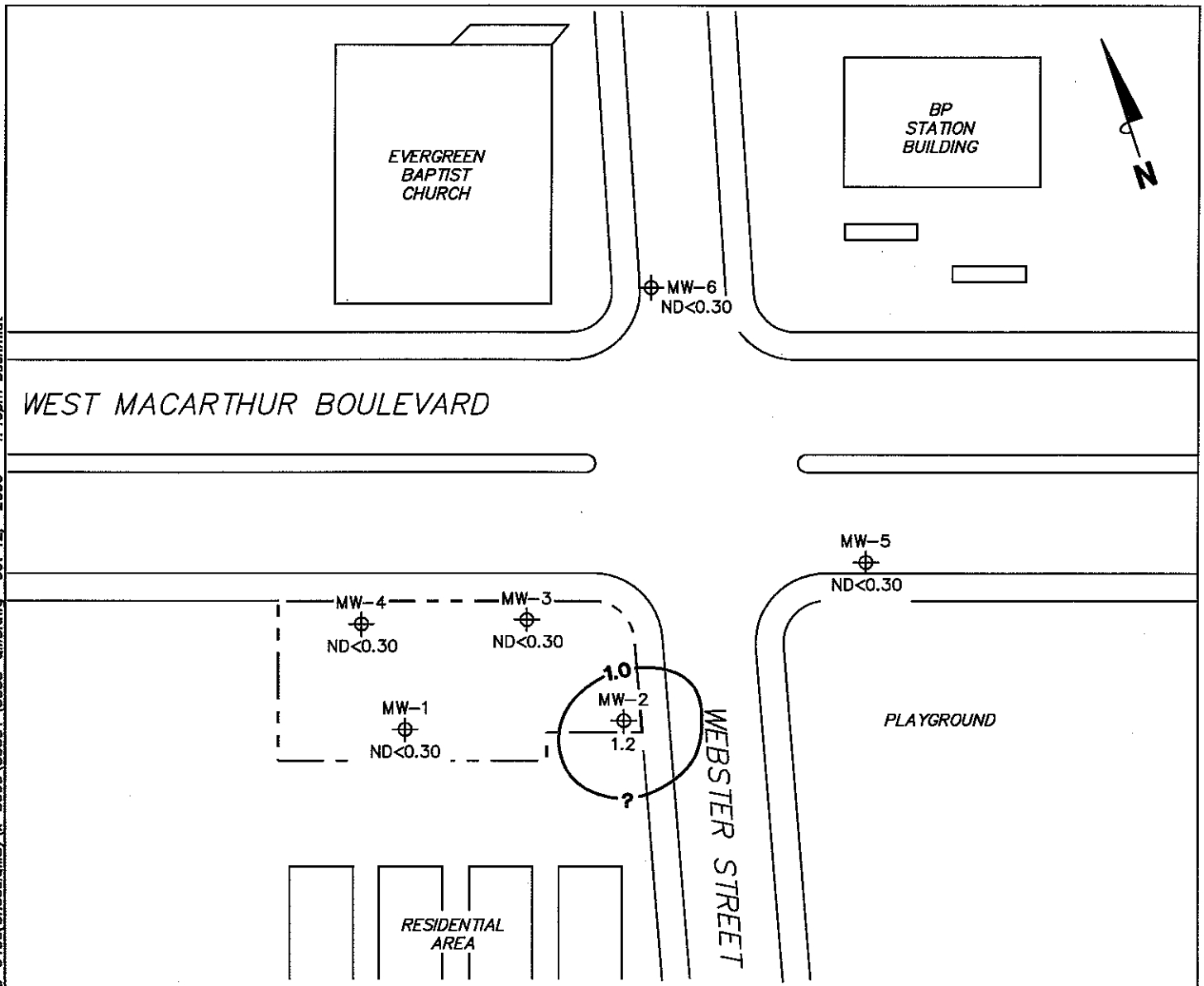
0 60

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
September 26, 2006

Former 76 Station 3538
411 West MacArthur Boulevard
Oakland, California

FIGURE 3

PS=1:1 3538-003 \\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-3000\3538+\3538-QMS.dwg Oct 12, 2006 - 4:44pm bschmidt



NOTES:

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

LEGEND

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

—1.0— Dissolved-Phase Benzene Contour (µg/l)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 26, 2006

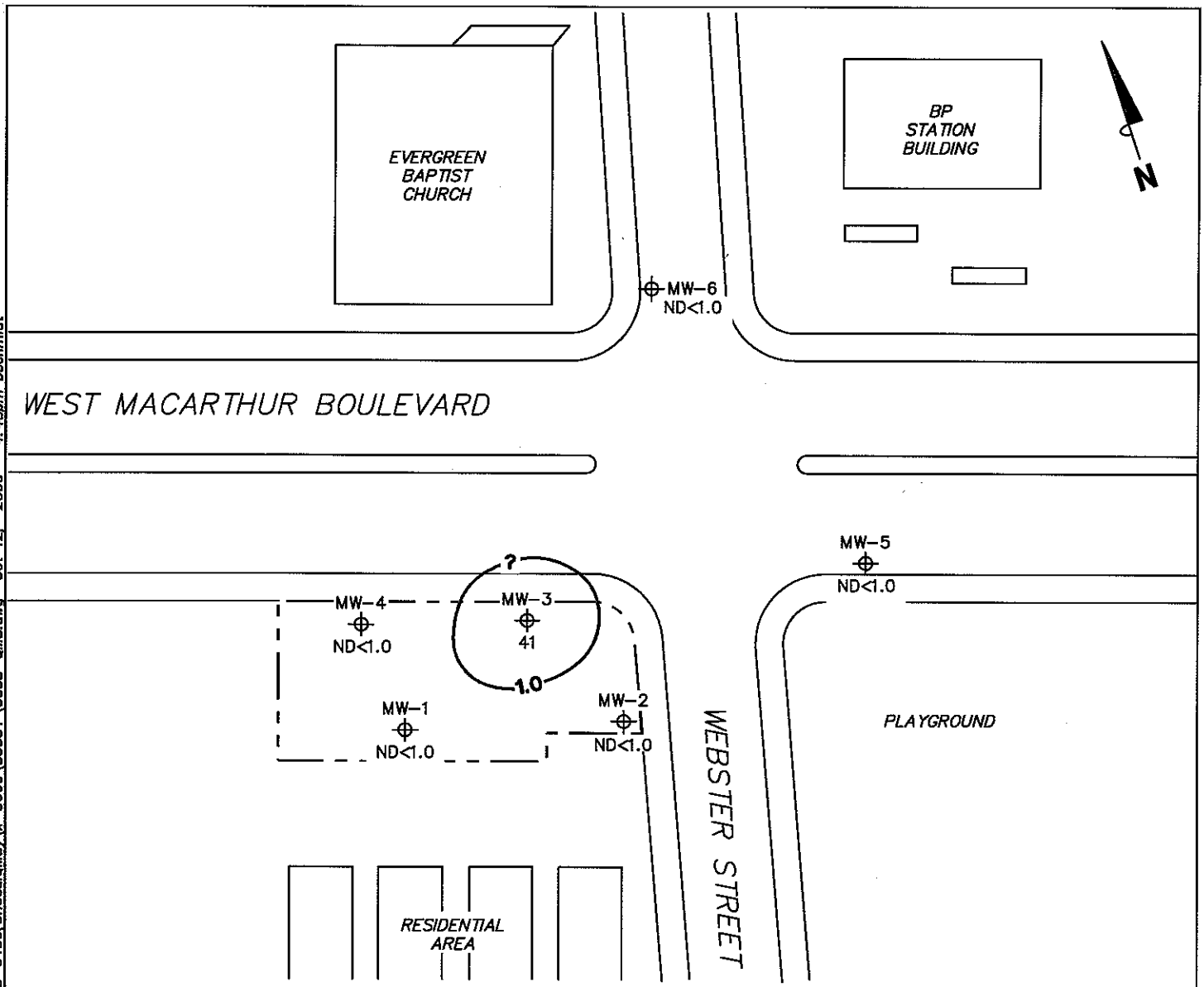
Former 76 Station 3538
411 West MacArthur Boulevard
Oakland, California

TRC

SCALE (FEET)
0 60

FIGURE 4

PS=1:1 3538-003 \\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-3000\3538+\3538-QMS.dwg Oct 12, 2006 - 4:46pm bschmidt



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.

LEGEND

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

—10— Dissolved-Phase MTBE Contour (µg/l)

TRC

SCALE (FEET)

0 60

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 26, 2006

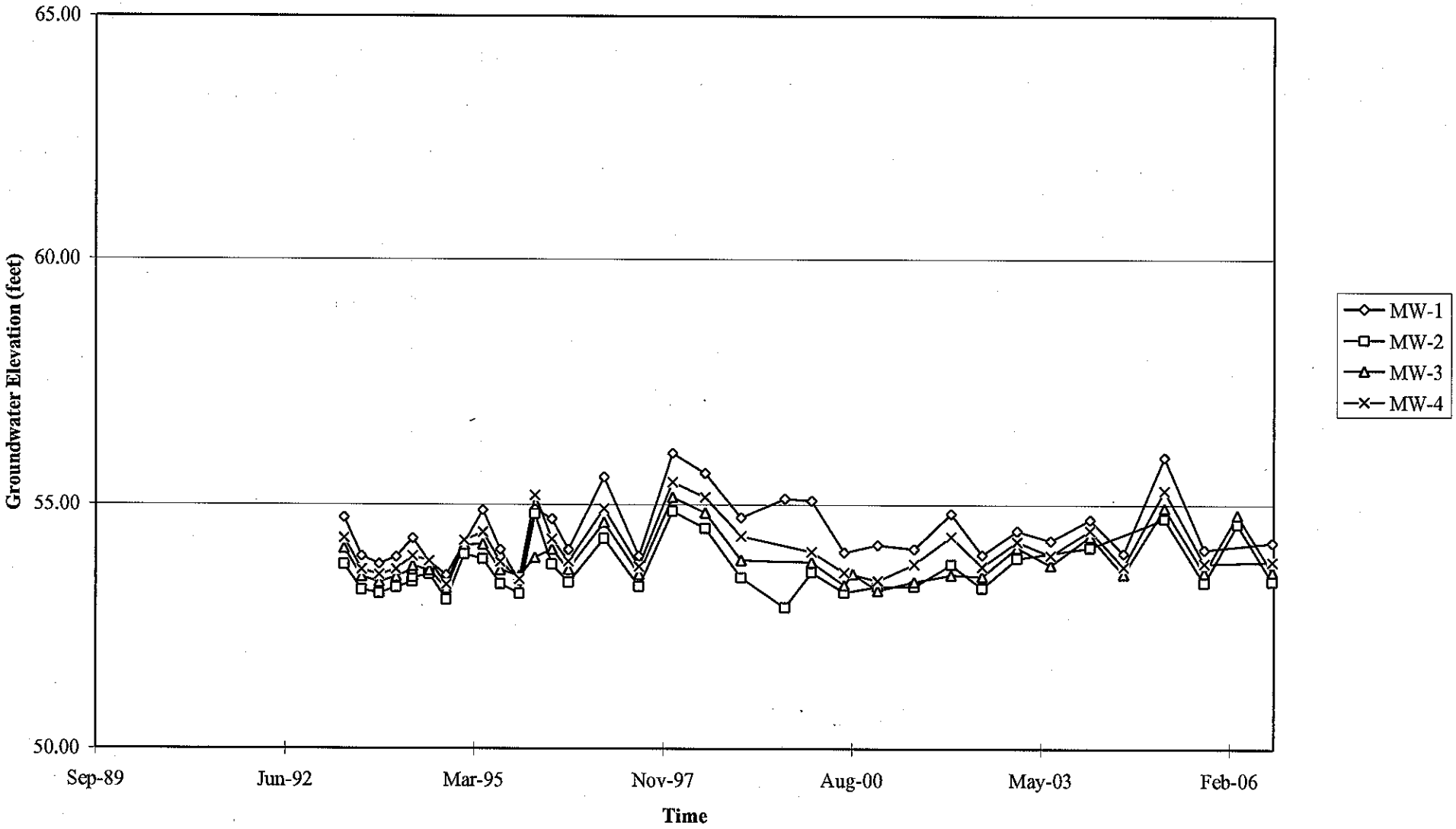
Former 76 Station 3538
411 West MacArthur Boulevard
Oakland, California

FIGURE 5

PS=1:1 3538-003 \\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-3000\3538+\3538-QMS.dwg Oct 12, 2006 - 4:48pm bschmidt

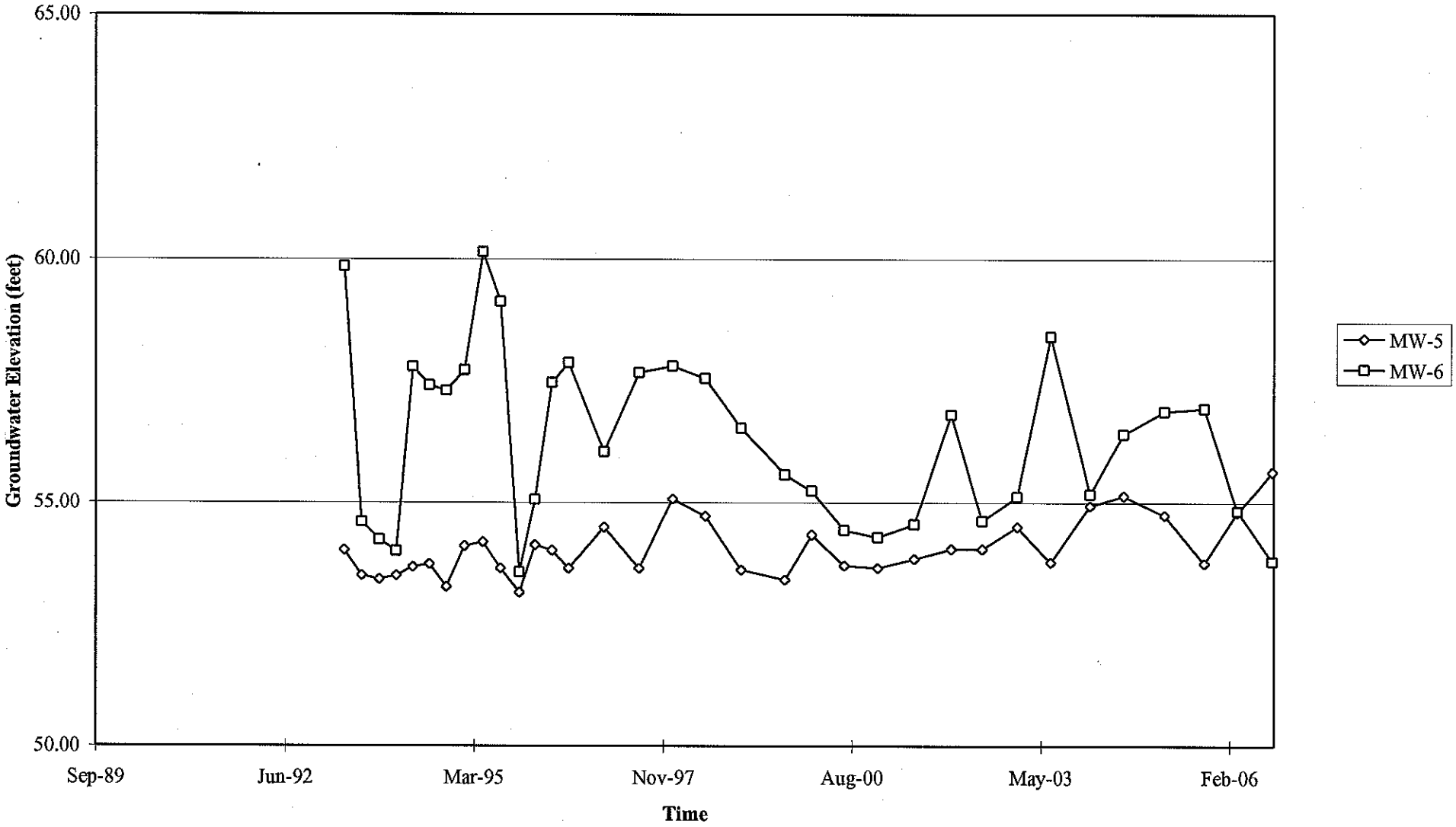
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 3538



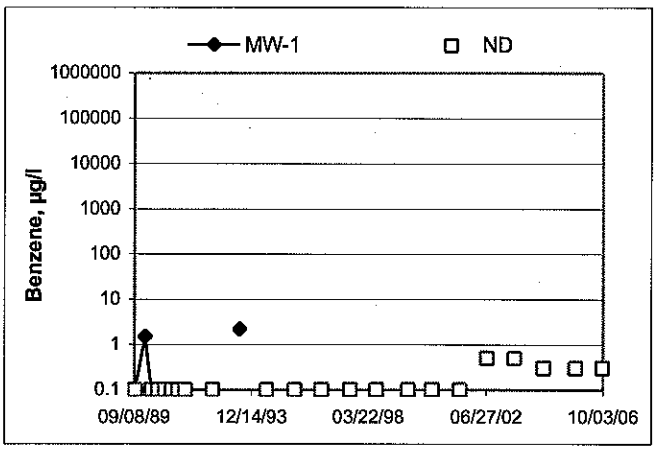
Elevations may have been corrected for apparent changes due to resurvey

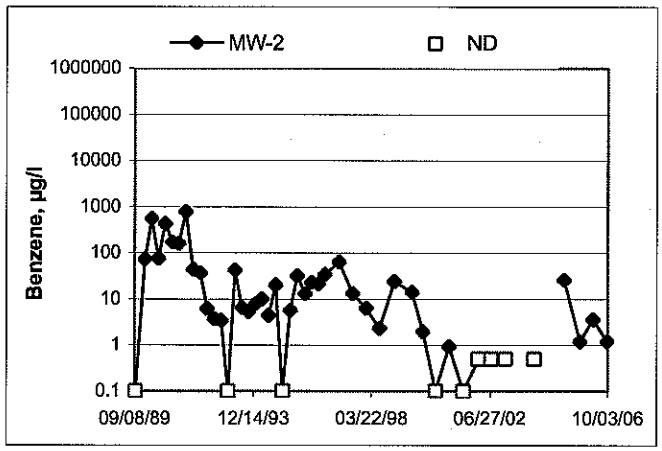
Groundwater Elevations vs. Time
Former 76 Station 3538

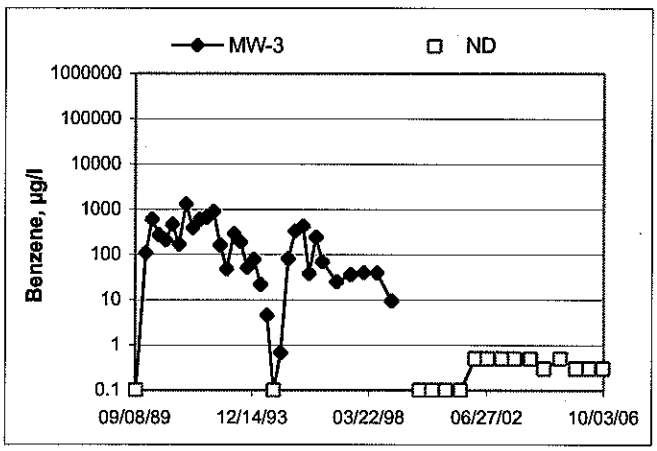


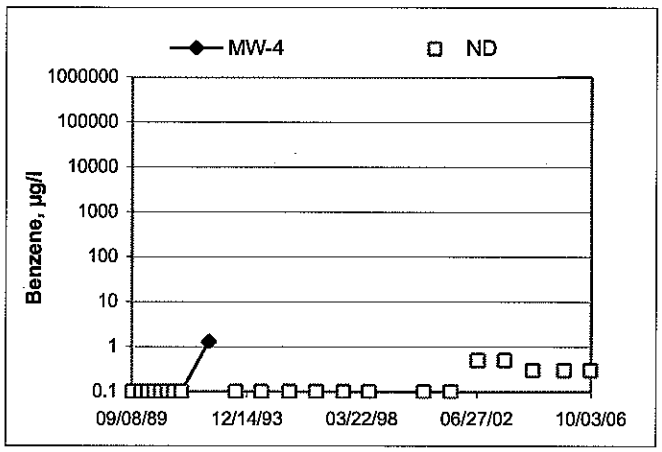
Elevations may have been corrected for apparent changes due to resurvey

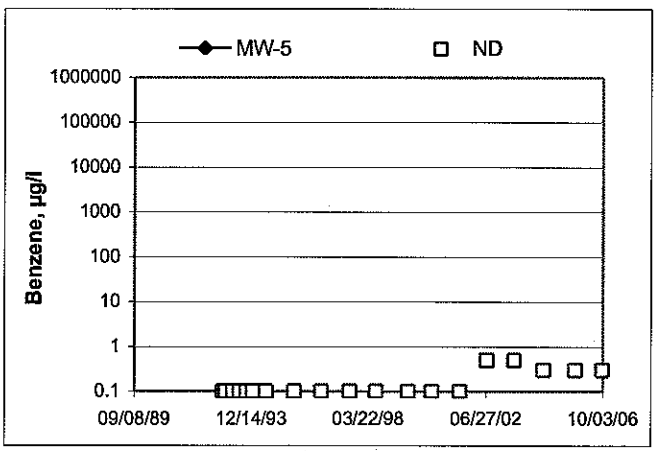
Benzene Concentrations vs Time
Former 76 Station 3538

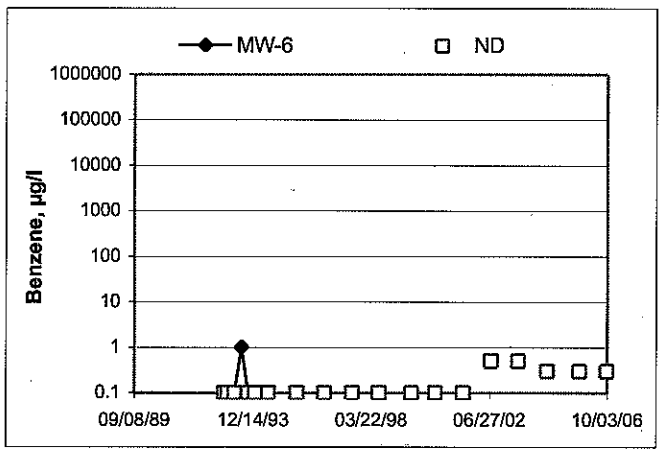












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Chris Job #/Task #: 4060001 / FA20 Date: 9-26-06

Site # 03538 Project Manager Kieth Woodburne 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-1	0946	X	23.88	17.90	—	—	1124	2"
MW-4	0956	X	24.62	17.71	—	—	1155	2"
MW-5	1006	X	30.01	15.54	—	—	1326	2"
MW-6	1011	X	30.09	17.58	—	—	1305	2"
MW-2	1017	X	24.45	17.91	—	—	1213	2"
MW-3	1021	X	27.14	17.77	—	—	1229	2"

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

GROUNDWATER SAMPLING FIELD NOTES

Technician: Chris

Site: 3538 Project No.: 41060001 Date: 9-26-06

Well No. MW-5 Purge Method: HB

Depth to Water (feet): 15.54 Depth to Product (feet): 0

Total Depth (feet) 30.01 LPH & Water Recovered (gallons): 0

Water Column (feet): 14.47 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 18.43 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
1315			2	772	19.8	6.93			
			4	760	19.9	6.81			
	1322		6	727	19.9	6.76			

Static at Time Sampled	Total Gallons Purged	Sample Time
~~1322~~ 17.94	6	1326

Comments:

Well No. MW-6 Purge Method: HB

Depth to Water (feet): 17.58 Depth to Product (feet): 0

Total Depth (feet) 30.09 LPH & Water Recovered (gallons): 0

Water Column (feet): 12.51 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.08 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
1252			2	1135	19.9	6.78			
			4	1140	19.8	6.57			
	1302		6	1142	19.7	6.53			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.90	6	1305

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Chris

Site: 353F Project No.: 41060001 Date: 9-26-06

Well No. MW-1 Purge Method: HB

Depth to Water (feet): 17.90 Depth to Product (feet): 0

Total Depth (feet) 23.88 LPH & Water Recovered (gallons): 0

Water Column (feet): 5.98 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.09 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
1112			~~1~~ 1	588	18.0	6.95			
			2	596	17.7	6.60			
	1121		3	595	17.7	6.57			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.98	3	1124

Comments:

Well No. MW-4 Purge Method: HB

Depth to Water (feet): 17.71 Depth to Product (feet): 0

Total Depth (feet) 24.62 LPH & Water Recovered (gallons): 0

Water Column (feet): 6.91 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.09 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
1141			1	675	19.1	7.21			
			2	684	19.4	6.77			
	~~1150~~ 1150		3	735	19.3	6.65			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.85	3	1155

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Chris

Site: 3538 Project No.: 4060001 Date: 9-26-06

Well No. mw-2 Purge Method: HB

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

Total Depth (feet) 24.45 LPH & Water Recovered (gallons): Ø

Water Column (feet): 6.54 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.21 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
1203			1	797	18.1	6.99			
			2	801	18.8	6.76			
	1210		3	800	18.7	6.60			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.03	3	1213

Comments:

Well No. mw-3 Purge Method: HB

Depth to Water (feet): 17.77 Depth to Product (feet): Ø

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

Water Column (feet): 9.37 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.64 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
1218			1	775	19.0	6.60			
			2	780	19.1	6.53			
	1227		3	806	19.1	6.50			
	cut								

Static at Time Sampled	Total Gallons Purged	Sample Time
19.32	3	1229

Comments:

TRC

BC LABORATORIES, INC.

Date of Report: 10/06/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 3538

BC Lab Number: 0609993

Enclosed are the results of analyses for samples received by the laboratory on 09/26/06 21:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

BC LABORATORIES, INC.

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 3538 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 10/06/06 11:02

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
0609993-01	**COC Number:** ---	**Receive Date:** 09/26/06 21:50	Delivery Work Order:	
	Project Number: 3538	**Sampling Date:** 09/26/06 11:24	Global ID: T0600101472	
	Sampling Location: MW-1	**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-1	**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Chris M. of TRCI		Cooler ID:	
0609993-02	**COC Number:** ---	**Receive Date:** 09/26/06 21:50	Delivery Work Order:	
	Project Number: 3538	**Sampling Date:** 09/26/06 12:13	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: Chris M. of TRCI		Cooler ID:	
0609993-03	**COC Number:** ---	**Receive Date:** 09/26/06 21:50	Delivery Work Order:	
	Project Number: 3538	**Sampling Date:** 09/26/06 12:29	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: Chris M. of TRCI		Cooler ID:	
0609993-04	**COC Number:** ---	**Receive Date:** 09/26/06 21:50	Delivery Work Order:	
	Project Number: 3538	**Sampling Date:** 09/26/06 11:55	Global ID: T0600101472	
	Sampling Location: MW-4	**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-4	**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Chris M. of TRCI		Cooler ID:	
0609993-05	**COC Number:** ---	**Receive Date:** 09/26/06 21:50	Delivery Work Order:	
	Project Number: 3538	**Sampling Date:** 09/26/06 13:26	Global ID: T0600101472	
	Sampling Location: MW-5	**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-5	**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Chris M. of TRCI		Cooler ID:	

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

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

Reported: 10/06/06 11:02

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0609993-06	**COC Number:**	---	**Receive Date:**	09/26/06 21:50	Delivery Work Order:	
	Project Number:	3538	**Sampling Date:**	09/26/06 13:05	Global ID:	T0600101472
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix:	W
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Samle QC Type (SACode):	CS
	Sampled By:	Chris M. of TRCI			Cooler ID:	

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

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

Reported: 10/06/06 11:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609993-01 | **Client Sample Name:** 3538, MW-1, MW-1, 9/26/2006 11:24:00AM, Chris M.

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	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,1-Dichloroethene	0.60	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Methylene chloride	ND	ug/L	1.0		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	

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

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

Reported: 10/06/06 11:02

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609993-01 | **Client Sample Name:** 3538, MW-1, MW-1, 9/26/2006 11:24:00AM, Chris M.

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	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	7.0	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114	(LCL - UCL)	EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127		
Toluene-d8 (Surrogate)	100	%	88 - 110	(LCL - UCL)	EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127		
4-Bromofluorobenzene (Surrogate)	90.3	%	86 - 115	(LCL - UCL)	EPA-8260	10/03/06	10/04/06 00:50	MGC	MS-V5	1	BPJ0127		

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

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

Reported: 10/06/06 11:02

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0609993-01 | **Client Sample Name:** 3538, MW-1, MW-1, 9/26/2006 11:24:00AM, Chris M.

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-8020	09/27/06	09/27/06 18:07	CAW	GC-V4	1	BPI1365	ND	
Toluene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 18:07	CAW	GC-V4	1	BPI1365	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 18:07	CAW	GC-V4	1	BPI1365	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8020	09/27/06	09/27/06 18:07	CAW	GC-V4	1	BPI1365	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8020	09/27/06	09/27/06 18:07	CAW	GC-V4	1	BPI1365	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/27/06	09/27/06 18:07	CAW	GC-V4	1	BPI1365	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	81.0	%	70 - 130	(LCL - UCL)	EPA-8020	09/27/06	09/27/06 18:07	CAW	GC-V4	1	BPI1365		
a,a,a-Trifluorotoluene (FID Surrogate)	99.0	%	70 - 130	(LCL - UCL)	Luft	09/27/06	09/27/06 18:07	CAW	GC-V4	1	BPI1365		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0609993-02 | **Client Sample Name:** 3538, MW-2, MW-2, 9/26/2006 12:13:00PM, Chris M.

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	1.2	ug/L	0.30		EPA-8020	09/27/06	09/27/06 19:51	CAW	GC-V4	1	BPI1365	ND	
Toluene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 19:51	CAW	GC-V4	1	BPI1365	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 19:51	CAW	GC-V4	1	BPI1365	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8020	09/27/06	09/27/06 19:51	CAW	GC-V4	1	BPI1365	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8020	09/27/06	09/27/06 19:51	CAW	GC-V4	1	BPI1365	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/27/06	09/27/06 19:51	CAW	GC-V4	1	BPI1365	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	80.4	%	70 - 130	(LCL - UCL)	EPA-8020	09/27/06	09/27/06 19:51	CAW	GC-V4	1	BPI1365		
a,a,a-Trifluorotoluene (FID Surrogate)	96.6	%	70 - 130	(LCL - UCL)	Luft	09/27/06	09/27/06 19:51	CAW	GC-V4	1	BPI1365		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0609993-03 | **Client Sample Name:** 3538, MW-3, MW-3, 9/26/2006 12:29:00PM, Chris M.

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-8020	09/27/06	09/27/06 20:16	CAW	GC-V4	1	BPI1365	ND	
Toluene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 20:16	CAW	GC-V4	1	BPI1365	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 20:16	CAW	GC-V4	1	BPI1365	ND	
Methyl t-butyl ether	41	ug/L	1.0		EPA-8020	09/27/06	09/27/06 20:16	CAW	GC-V4	1	BPI1365	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8020	09/27/06	09/27/06 20:16	CAW	GC-V4	1	BPI1365	ND	
Gasoline Range Organics (C4 - C12)	51	ug/L	50		Luft	09/27/06	09/27/06 20:16	CAW	GC-V4	1	BPI1365	ND	A53
a,a,a-Trifluorotoluene (PID Surrogate)	78.8	%	70 - 130	(LCL - UCL)	EPA-8020	09/27/06	09/27/06 20:16	CAW	GC-V4	1	BPI1365		
a,a,a-Trifluorotoluene (FID Surrogate)	97.0	%	70 - 130	(LCL - UCL)	Luft	09/27/06	09/27/06 20:16	CAW	GC-V4	1	BPI1365		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0609993-04 | **Client Sample Name:** 3538, MW-4, MW-4, 9/26/2006 11:55:00AM, Chris M.

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-8020	09/27/06	09/27/06 18:33	CAW	GC-V4	1	BPI1365	ND	
Toluene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 18:33	CAW	GC-V4	1	BPI1365	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 18:33	CAW	GC-V4	1	BPI1365	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8020	09/27/06	09/27/06 18:33	CAW	GC-V4	1	BPI1365	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8020	09/27/06	09/27/06 18:33	CAW	GC-V4	1	BPI1365	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/27/06	09/27/06 18:33	CAW	GC-V4	1	BPI1365	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	76.4	%	70 - 130	(LCL - UCL)	EPA-8020	09/27/06	09/27/06 18:33	CAW	GC-V4	1	BPI1365		
a,a,a-Trifluorotoluene (FID Surrogate)	94.5	%	70 - 130	(LCL - UCL)	Luft	09/27/06	09/27/06 18:33	CAW	GC-V4	1	BPI1365		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0609993-05 | **Client Sample Name:** 3538, MW-5, MW-5, 9/26/2006 1:26:00PM, Chris M.

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-8020	09/27/06	09/27/06 18:59	CAW	GC-V4	1	BPI1365	ND	
Toluene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 18:59	CAW	GC-V4	1	BPI1365	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 18:59	CAW	GC-V4	1	BPI1365	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8020	09/27/06	09/27/06 18:59	CAW	GC-V4	1	BPI1365	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8020	09/27/06	09/27/06 18:59	CAW	GC-V4	1	BPI1365	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/27/06	09/27/06 18:59	CAW	GC-V4	1	BPI1365	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	72.9	%	70 - 130	(LCL - UCL)	EPA-8020	09/27/06	09/27/06 18:59	CAW	GC-V4	1	BPI1365		
a,a,a-Trifluorotoluene (FID Surrogate)	91.5	%	70 - 130	(LCL - UCL)	Luft	09/27/06	09/27/06 18:59	CAW	GC-V4	1	BPI1365		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0609993-06 | **Client Sample Name:** 3538, MW-6, MW-6, 9/26/2006 1:05:00PM, Chris M.

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-8020	09/27/06	09/27/06 19:25	CAW	GC-V4	1	BPI1365	ND	
Toluene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 19:25	CAW	GC-V4	1	BPI1365	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8020	09/27/06	09/27/06 19:25	CAW	GC-V4	1	BPI1365	ND	
Methyl t-butyl ether	ND	ug/L	1.0		EPA-8020	09/27/06	09/27/06 19:25	CAW	GC-V4	1	BPI1365	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8020	09/27/06	09/27/06 19:25	CAW	GC-V4	1	BPI1365	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	09/27/06	09/27/06 19:25	CAW	GC-V4	1	BPI1365	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	80.3	%	70 - 130 (LCL - UCL)		EPA-8020	09/27/06	09/27/06 19:25	CAW	GC-V4	1	BPI1365		
a,a,a-Trifluorotoluene (FID Surrogate)	102	%	70 - 130 (LCL - UCL)		Luft	09/27/06	09/27/06 19:25	CAW	GC-V4	1	BPI1365		

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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	BPJ0127	Matrix Spike	0609993-01	ND	27.220	25.000	ug/L		109		70 - 130	
		Matrix Spike Duplicate	0609993-01	ND	27.850	25.000	ug/L	1.82	111	20	70 - 130	
Chlorobenzene	BPJ0127	Matrix Spike	0609993-01	ND	27.380	25.000	ug/L		110		70 - 130	
		Matrix Spike Duplicate	0609993-01	ND	27.440	25.000	ug/L	0.00	110	20	70 - 130	
Chloroethane	BPJ0127	Matrix Spike	0609993-01	ND	26.190	25.000	ug/L		105		70 - 130	
		Matrix Spike Duplicate	0609993-01	ND	25.760	25.000	ug/L	1.92	103	20	70 - 130	
1,4-Dichlorobenzene	BPJ0127	Matrix Spike	0609993-01	ND	27.040	25.000	ug/L		108		70 - 130	
		Matrix Spike Duplicate	0609993-01	ND	27.210	25.000	ug/L	0.922	109	20	70 - 130	
1,1-Dichloroethane	BPJ0127	Matrix Spike	0609993-01	0.13000	27.940	25.000	ug/L		111		70 - 130	
		Matrix Spike Duplicate	0609993-01	0.13000	27.680	25.000	ug/L	0.905	110	20	70 - 130	
1,1-Dichloroethene	BPJ0127	Matrix Spike	0609993-01	0.60000	28.620	25.000	ug/L		112		70 - 130	
		Matrix Spike Duplicate	0609993-01	0.60000	28.460	25.000	ug/L	0.897	111	20	70 - 130	
Trichloroethene	BPJ0127	Matrix Spike	0609993-01	ND	27.790	25.000	ug/L		111		70 - 130	
		Matrix Spike Duplicate	0609993-01	ND	27.990	25.000	ug/L	0.897	112	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPJ0127	Matrix Spike	0609993-01	ND	10.030	10.000	ug/L		100		76 - 114	
		Matrix Spike Duplicate	0609993-01	ND	9.9300	10.000	ug/L		99.3		76 - 114	
Toluene-d8 (Surrogate)	BPJ0127	Matrix Spike	0609993-01	ND	9.9600	10.000	ug/L		99.6		88 - 110	
		Matrix Spike Duplicate	0609993-01	ND	10.080	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPJ0127	Matrix Spike	0609993-01	ND	10.390	10.000	ug/L		104		86 - 115	
		Matrix Spike Duplicate	0609993-01	ND	10.220	10.000	ug/L		102		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	BPI1365	Matrix Spike	0608879-50	ND	39.490	40.000	ug/L		98.7		70 - 130	
		Matrix Spike Duplicate	0608879-50	ND	40.198	40.000	ug/L	1.31	100	20	70 - 130	
Toluene	BPI1365	Matrix Spike	0608879-50	ND	39.704	40.000	ug/L		99.3		70 - 130	
		Matrix Spike Duplicate	0608879-50	ND	39.886	40.000	ug/L	0.402	99.7	20	70 - 130	
Ethylbenzene	BPI1365	Matrix Spike	0608879-50	ND	40.823	40.000	ug/L		102		70 - 130	
		Matrix Spike Duplicate	0608879-50	ND	40.982	40.000	ug/L	0.00	102	20	70 - 130	
Methyl t-butyl ether	BPI1365	Matrix Spike	0608879-50	ND	40.885	40.000	ug/L		102		70 - 130	
		Matrix Spike Duplicate	0608879-50	ND	39.455	40.000	ug/L	3.39	98.6	20	70 - 130	
Total Xylenes	BPI1365	Matrix Spike	0608879-50	ND	123.78	120.00	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0608879-50	ND	123.71	120.00	ug/L	0.00	103	20	70 - 130	
Gasoline Range Organics (C4 - C12)	BPI1365	Matrix Spike	0608879-50	ND	1013.1	1000.0	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0608879-50	ND	1009.7	1000.0	ug/L	0.00	101	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	BPI1365	Matrix Spike	0608879-50	ND	35.896	40.000	ug/L		89.7		70 - 130	
		Matrix Spike Duplicate	0608879-50	ND	35.960	40.000	ug/L		89.9		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	BPI1365	Matrix Spike	0608879-50	ND	39.239	40.000	ug/L		98.1		70 - 130	
		Matrix Spike Duplicate	0608879-50	ND	39.187	40.000	ug/L		98.0		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	BPJ0127	BPJ0127-BS1	LCS	27.010	25.000	0.50	ug/L	108		70 - 130		
Chlorobenzene	BPJ0127	BPJ0127-BS1	LCS	25.810	25.000	0.50	ug/L	103		70 - 130		
Chloroethane	BPJ0127	BPJ0127-BS1	LCS	25.080	25.000	0.50	ug/L	100		70 - 130		
1,4-Dichlorobenzene	BPJ0127	BPJ0127-BS1	LCS	25.750	25.000	0.50	ug/L	103		70 - 130		
1,1-Dichloroethane	BPJ0127	BPJ0127-BS1	LCS	27.480	25.000	0.50	ug/L	110		70 - 130		
1,1-Dichloroethene	BPJ0127	BPJ0127-BS1	LCS	27.780	25.000	0.50	ug/L	111		70 - 130		
Trichloroethene	BPJ0127	BPJ0127-BS1	LCS	31.990	25.000	0.50	ug/L	128		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPJ0127	BPJ0127-BS1	LCS	10.240	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BPJ0127	BPJ0127-BS1	LCS	10.040	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPJ0127	BPJ0127-BS1	LCS	9.7000	10.000		ug/L	97.0		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	BPI1365	BPI1365-BS1	LCS	40.404	40.000	0.30	ug/L	101		85 - 115		
Toluene	BPI1365	BPI1365-BS1	LCS	39.694	40.000	0.30	ug/L	99.2		85 - 115		
Ethylbenzene	BPI1365	BPI1365-BS1	LCS	40.890	40.000	0.30	ug/L	102		85 - 115		
Methyl t-butyl ether	BPI1365	BPI1365-BS1	LCS	36.944	40.000	1.0	ug/L	92.4		85 - 115		
Total Xylenes	BPI1365	BPI1365-BS1	LCS	123.11	120.00	0.60	ug/L	103		85 - 115		
Gasoline Range Organics (C4 - C12)	BPI1365	BPI1365-BS1	LCS	997.15	1000.0	50	ug/L	99.7		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BPI1365	BPI1365-BS1	LCS	35.380	40.000		ug/L	88.4		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BPI1365	BPI1365-BS1	LCS	38.959	40.000		ug/L	97.4		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	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.11	
Bromoform	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.22	
Bromomethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	1.0	0.31	
Carbon tetrachloride	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.14	
Chlorobenzene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.12	
Chloroethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.12	
Chloroform	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.076	
Chloromethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.14	
Dibromochloromethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.12	
1,2-Dichlorobenzene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.11	
1,3-Dichlorobenzene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.073	
1,4-Dichlorobenzene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.099	
Dichlorodifluoromethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.17	
1,1-Dichloroethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.10	
1,2-Dichloroethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.15	
1,1-Dichloroethene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.15	
cis-1,2-Dichloroethene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.20	
trans-1,2-Dichloroethene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.18	
1,2-Dichloropropane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.069	
cis-1,3-Dichloropropene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.075	
trans-1,3-Dichloropropene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.15	
Methylene chloride	BPJ0127	BPJ0127-BLK1	ND	ug/L	1.0	0.16	
Methyl t-butyl ether	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.13	
1,1,2,2-Tetrachloroethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.14	
Tetrachloroethene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.18	

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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
1,1,1-Trichloroethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.27	
1,1,2-Trichloroethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.14	
Trichloroethene	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.18	
Trichlorofluoromethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.13	
1,1,2-Trichloro-1,2,2-trifluoroethane	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.11	
Vinyl chloride	BPJ0127	BPJ0127-BLK1	ND	ug/L	0.50	0.16	
1,2-Dichloroethane-d4 (Surrogate)	BPJ0127	BPJ0127-BLK1	107	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPJ0127	BPJ0127-BLK1	102	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPJ0127	BPJ0127-BLK1	91.4	%	86 - 115 (LCL - UCL)		

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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	BPI1365	BPI1365-BLK1	ND	ug/L	0.30	0.033	
Toluene	BPI1365	BPI1365-BLK1	ND	ug/L	0.30	0.093	
Ethylbenzene	BPI1365	BPI1365-BLK1	ND	ug/L	0.30	0.035	
Methyl t-butyl ether	BPI1365	BPI1365-BLK1	ND	ug/L	1.0	0.033	
Total Xylenes	BPI1365	BPI1365-BLK1	ND	ug/L	0.60	0.098	
Gasoline Range Organics (C4 - C12)	BPI1365	BPI1365-BLK1	ND	ug/L	50	6.5	
a,a,a-Trifluorotoluene (PID Surrogate)	BPI1365	BPI1365-BLK1	79.4	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BPI1365	BPI1365-BLK1	99.9	%	70 - 130 (LCL - UCL)		

TRC Alton Geoscience	Project: 3538	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/06/06 11:02

Notes and Definitions

J	Estimated value
A53	Chromatogram not typical of gasoline.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

Submission #: 06-09993 | 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 BLW Emissivity 0.95
Temperature: 3.7 °C Container Voa
Thermometer ID: #48

Date/Time 9/26/06
Analyst Init OTO

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	A 9	A 6	A 6	A 6	A 6	A 6	( )	( )	( )	( )
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: OTO Date/Time: 9/26/06 2355

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

CHK BY	DISTRIBUTION
[illegible]	510
	SUB-OUT ☐

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

06-09993

Analysis Requested

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC
Address:.411 West MacArthur Blvd.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Oakland	4-digit site#: 3538
	Work Order# 1178TRC502
State: CA Zip:	Project #: 41060001/FA20
COP Manager: Shelby Lathrop	Sampler Name: Chris

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE/OXYs BY 8260B	ETHANOL by 8260B	TPH-g by GC/MS	EDB/EDC by 8260B	HVOCs (8010 list) by 8021B		Turnaround Time Requested
	-1	MW-1	09-26-06/ 1124	GW	X								X		STD
	-2	MW-2	1213	GW	X										STD
	-3	MW-3	1229	GW	X										STD
	-4	MW-4	1155	GW	X										STD
	-5	MW-5	1326	GW	X										STD
	-6	MW-6	1305	GW	X										STD

Comments:			
	Relinquished by: Chris [signature]	Received by: Ross Dickey	Date & Time: 09-26-06 / 1410
	Relinquished by (Signature): Ross Dickey 9/26/06	Received by: [signature] Macato	Date & Time: 9/26/06 1820
Global ID: T0600101472	Relinquished by (Signature): [signature] Macato 9/26/06 2150	Received by: Toni Obafeni	Date & Time: 9/26/06 2150

(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the Conoc oPhillips 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 Filter Recycling, Inc.

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 conduct ed in accordance with current practice and the standard of care exercised by geologists and e ngineers 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 actua l conditions differ from those described in this report, our office should be notified.