



76 Broadway
Sacramento, California 95818

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2:24 pm, Mar 05, 2008

Alameda County
Environmental Health

February 27, 2008

Ms. Donna Drogos
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Quarterly Monitoring and Summary Report – 1st Quarter 2008**
76 Service Station #7124
10151 International Boulevard
Oakland, CA

Dear Ms. Drogos:

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

If you have any questions or need additional information, please contact me at (916) 558-7612.

Sincerely,

A handwritten signature in black ink that reads "Bill Borgh". The signature is written in a cursive, slightly slanted style.

Bill Borgh
Site Manager – Risk Management and Remediation

Attachment



SECOR
INTERNATIONAL
INCORPORATED

www.secor.com
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
916-861-0400 TEL
916-861-0430 FAX

February 27, 2008

Ms. Donna Drogos, P.E.
Alameda County Environmental Health Services
1131 Harbor Bay Parkway Suite 250
Alameda, CA 94502
(Sent Via Electronic Upload to Alameda ftp)

RE: **Quarterly Monitoring and Summary Report – First Quarter 2008**
SECOR Project No.: 77CP.01634.41.0303

Dear Ms. Drogos:

On behalf of ConocoPhillips, SECOR International Incorporated (SECOR) is forwarding the quarterly summary report for the following location:

Service Station

Former 76 Service Station No. 7124

Location

10151 International Boulevard
Oakland, California

If there are questions or comments regarding this quarterly summary report, please contact me at (916) 861-0400 extension 289.

Sincerely,
SECOR International Incorporated

A handwritten signature in blue ink, appearing to read "Ben Chevlen", with a long horizontal flourish extending to the right.

Ben Chevlen, P.G.
Project Geologist

Attachments: *SECOR's Quarterly Monitoring and Summary Report – First Quarter 2008.*

cc: Mr. Bill Borgh, ConocoPhillips

QUARTERLY SUMMARY REPORT First Quarter 2008

Former 76 Service Station No. 7124
10151 International Boulevard
Oakland, California

City/County ID #: Oakland/RO0002444
County: Alameda

SITE DESCRIPTION

The site is currently an active Royal Gasoline Station located on the northwest corner of the intersection of International Boulevard and 102nd Avenue in Oakland, California. Site facilities include three underground storage tanks (USTs) and associated piping and fuel dispensers. A detailed site plan is included in TRC's *Quarterly Monitoring Report January through March 2008* dated January 31, 2008 (Attachment 1).

PREVIOUS ASSESSMENT

On March 22, 2000, SECOR supervised the removal and replacement of product lines and dispensers by Balch Petroleum of Milpitas, California. Soil samples collected from beneath the dispensers and product lines revealed the presence of total petroleum hydrocarbons as gasoline (TPHg) at a maximum concentration of 6,200 milligrams per kilogram (mg/kg), methyl tertiary butyl ether (MTBE) up to 120 mg/kg, and benzene up to 7.4 mg/kg. Excavation and sampling activities were observed and approved by Inspector Gomez of the City of Oakland Fire Services Agency.

On March 27, 2000, SECOR observed the over-excavation of approximately 60 cubic yards of soil from the beneath those portions of the dispensers and product lines where soil samples with elevated concentrations of petroleum hydrocarbons were located. Areas measuring approximately 8-10 feet long by 8-10 feet wide were over-excavated to an approximate depth of 8 feet below ground surface (bgs) in each of these areas. Additional over-excavation in these areas was not possible due to their proximity to the footings of the service station canopy. TPHg was detected in two of the three samples at a concentration of 108 mg/kg; benzene was detected in one of the three samples at 0.162 mg/kg; and MTBE was detected in all three samples at maximum concentrations of up to 43.8 mg/kg. Lead was not detected at or above laboratory reporting limits in any samples.

During February 2002, SECOR supervised the installation of four on-site groundwater monitoring wells. Prior to well installation, all borings were advanced to 26.5 feet bgs, and subsurface soil samples were collected every five feet. Soil samples were analyzed for gasoline range organics (GRO), benzene, toluene, ethylbenzene, total xylenes (BTEX), and fuel oxygenates via EPA Method 8260B. The maximum reported concentrations were 42 mg/kg GRO, 0.36 mg/kg ethylbenzene, 0.26 mg/kg xylenes, and 1.2 mg/kg MTBE.

SENSITIVE RECEPTORS

During the third quarter 2004, SECOR completed a ½-mile radius agency receptor survey and obtained an Environmental Data Resources Incorporated (EDR) radius map for the site. The agency survey identified two industrial supply wells, three cathodic protection wells, and two wells of unknown type within the search radius. The survey also identified twelve wells of unknown type that could not be located precisely because the records on file with DWR did not include this information. These wells may or may not be located within the search radius. The EDR radius map did not identify any water supply wells within the search radius, but did identify two water supply wells within one mile of the site.

MONITORING AND SAMPLING

The site has been monitored and sampled since the third quarter 2002. Currently, four wells are monitored quarterly (MW-1 through MW-4). Samples are analyzed for TPHg, BTEX, and the fuel oxygenates tert-butyl alcohol (TBA), MTBE, di-isopropyl ether (DIPE), ethyl tert-butyl ether (EtBE), tert-amyl methyl ether (TAME), and ethanol, as well as, ethylene di-bromide (EDB) by EPA Method 8260B.

DISCUSSION

During the first quarter 2008, depth to groundwater ranged between 14.48 and 16.80 feet below top of casing (toc), which is within historical levels; historical groundwater depths have been reported between 15.11 and 18.02 feet below toc. The direction of groundwater flow is toward the southwest at a gradient of 0.02 foot/foot (Attachment 1). Historically, groundwater gradient flows to the west, southwest, and south; with a westerly gradient being the predominant direction.

The highest concentrations of petroleum hydrocarbons and MTBE continue to be detected in on-site well MW-3 (historical highs of 130,000 µg/L and 10,000 µg/L, respectively, observed in 2003). This quarter, the maximum concentrations of TPHg and MTBE were detected in well MW-3 at 2,200 µg/L, and 1,300 µg/L respectively (Attachment 1). MTBE concentrations detected in well MW-3 had increased over 1-order-of-magnitude from the fourth quarter 2007 sampling event. It should be noted that some of the reported TPPH concentrations may actually represent MTBE concentrations, as the BC Laboratories include MTBE in their TPPH concentrations. Lack of consistently detectable levels of BTEX indicate supports this interpretation. The downgradient/crossgradient extent of the dissolved plume remains undefined by the existing monitoring well network.

On October 14, 2004, SECOR submitted a work plan for the installation of monitoring wells offsite to delineate the dissolved phase hydrocarbons in groundwater; however, in a letter dated April 12, 2005, the Alameda County Environmental Health Services (ACEHS) disapproved the work plan stating that it was premature to install more monitoring wells without additional groundwater sampling to determine the location of the plume for optimal well locations. Therefore, an addendum to the October 14, 2004 work plan was submitted on July 22, 2005. SECOR has yet to receive

approval or disapproval from the ACEHS for SECOR's addendum to the October 14, 2004 work plan.

CHARACTERIZATION STATUS

Other than ethylbenzene detected in well MW-3 at a concentration of 1.6 µg/L, none of the groundwater samples collected showed detectable levels of any BTEX components. The highest concentrations of residual MTBE contamination are localized in the northeastern area of the site in the vicinity of MW-3. The extent of dissolved contamination is undefined in the downgradient (northwest) direction, but MTBE concentrations continue declining, and variable TBA levels in MW-4 may indicate active degradation of MTBE.

REMEDIATION STATUS

Currently, there is no active remediation at this site.

RECENT SUBMITTALS/CORRESPONDENCE

Submitted: *Quarterly Summary and Monitoring Report – Fourth Quarter 2007*, dated November 27, 2007

WASTE DISPOSAL SUMMARY

The volume of purged groundwater generated and disposed of during the quarterly groundwater monitoring event is documented in TRC's *Quarterly Monitoring Report, January through March 2008*, dated January 31, 2008 (Attachment 1).

THIS QUARTER ACTIVITIES (First Quarter 2008)

1. TRC performed quarterly groundwater monitoring and sampling event.
2. SECOR attempted to contact the ACEHS with regards to the *Work Plan Addendum* dated July 22, 2005.

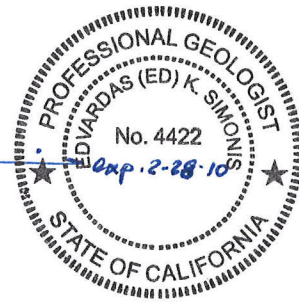
NEXT QUARTER ACTIVITIES (Second Quarter 2008)

1. TRC to perform coordinated groundwater monitoring and sampling event.
2. SECOR to prepare and submit quarterly summary and monitoring report.

LIMITATIONS

This report has been prepared for the exclusive use of ConocoPhillips and its representatives as it pertains to the property located at 10151 International Boulevard, Oakland, California. The evaluation of subsurface conditions at the site for the purpose of this investigation is inherently limited due to the number of points of investigation. There are no representations, warranties, or guarantees that the results are representative of the entire site. Data from this report reflects the conditions at locations at a specified time. No other interpretation, representations, warranties, guarantees, express or implied, are included or intended in the report findings. SECOR makes no warranties or guarantees for the groundwater monitoring report (Attachment 1) prepared by TRC.

Sincerely,
SECOR International Incorporated



Ben Chevlen, P.G.
 Project Geologist

Ed Simonis, P.G.
 Senior Geologist

Attachment 1: TRC's *Quarterly Monitoring Report – January through March 2008*, dated January 31, 2008

ATTACHMENT 1
TRC'S QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2008

Quarterly Monitoring and Summary Report

76 Service Station No. 7124

10151 International Boulevard

Oakland, California



21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: February 1, 2008

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. BILL BORGH

SITE: 76 STATION 7124
10151 INTERNATIONAL BOULEVARD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2008

Dear Mr. Borgh:

Please find enclosed our Quarterly Monitoring Report for 76 Station 7124, located at 10151 International Boulevard, Oakland, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

A handwritten signature in black ink, appearing to read "Anju Farfan".

Anju Farfan
Groundwater Program Operations Manager

CC: Mr. Ben Chevlen, SECOR International, Inc (2 copies)

Enclosures
200400/7124R018QMS doc

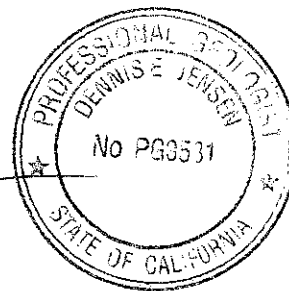
**QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2008**

76 STATION 7124
10151 International Boulevard
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 1/31/08



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 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time MTBE 8260B Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 01/11/08 Groundwater Sampling Field Notes – 01/11/08
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
January 2008 through March 2008
76 Station 7124
10151 International Boulevard
Oakland, CA

Project Coordinator: **Bill Borgh**
Telephone: **916-558-7612**

Water Sampling Contractor: **TRC**
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **01/11/08**

Sample Points

Groundwater wells: **4** onsite, **0** offsite Wells gauged: **4** Wells sampled: **4**
Purging method: **Diaphragm pump**
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: **14.48 feet** Maximum: **16.8 feet**
Average groundwater elevation (relative to available local datum): **21.91 feet**
Average change in groundwater elevation since previous event: **2.19 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.02 ft/ft, southwest**
 Previous event: **0.01 ft/ft, northwest (10/01/07)**

Selected Laboratory Results

Wells with detected **Benzene**: **0** Wells above MCL (1.0 µg/l): **n/a**
 Maximum reported benzene concentration: **n/a**

Wells with **TPH-G by GC/MS** **3** Maximum: **2,200 µg/l (MW-3)**
Wells with **MTBE 8260B** **3** Maximum: **1,300 µg/l (MW-3)**

Notes:

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
ug/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
MIBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
ICA	=	trichloroethane
ICE	=	trichloroethene
IPH-G	=	total petroleum hydrocarbons with gasoline distinction
IPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
IPH-D	=	total petroleum hydrocarbons with diesel distinction
IRPH	=	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: $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$, 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 resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 7124 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables 1 and 2
Site: 76 Station 7124

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
Table 1a	Well/ Date	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME						

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
Table 2a	Well/ Date	TBA	Ethanol (8015B)	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME					

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
January 11, 2008
76 Station 7124

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1														
01/11/08	37.37	14.48	0.00	22.89	2.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2														
01/11/08	37.87	16.80	0.00	21.07	1.45	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.7	
MW-3														
01/11/08	37.72	15.84	0.00	21.88	2.32	--	2200	ND<0.50	ND<0.50	1.6	ND<1.0	--	1300	
MW-4														
01/11/08	38.36	16.56	0.00	21.80	2.33	--	340	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	21	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 7124

Date Sampled	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1							
01/11/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-2							
01/11/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-3							
01/11/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-4							
01/11/08	140	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
April 2002 Through January 2008
76 Station 7124

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)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1														
04/08/02	37.37	14.27	0.00	23.10	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
07/28/02	37.37	15.88	0.00	21.49	-1.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/03/02	37.37	16.75	0.00	20.62	-0.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
01/24/03	37.37	13.94	0.00	23.43	2.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
04/02/03	37.37	14.99	0.00	22.38	-1.05	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
07/01/03	37.37	15.48	0.00	21.89	-0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
10/02/03	37.37	16.68	0.00	20.69	-1.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
01/09/04	37.37	13.79	0.00	23.58	2.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
04/26/04	37.37	15.21	0.00	22.16	-1.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/22/04	37.37	16.43	0.00	20.94	-1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
10/29/04	37.37	16.14	0.00	21.23	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/12/05	37.37	12.83	0.00	24.54	3.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/20/05	37.37	14.38	0.00	22.99	-1.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/23/05	37.37	15.92	0.00	21.45	-1.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/13/05	37.37	16.09	0.00	21.28	-0.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/24/06	37.37	11.85	0.00	25.52	4.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/30/06	37.37	13.30	0.00	24.07	-1.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/22/06	37.37	15.11	0.00	22.26	-1.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
10/31/06	37.37	16.11	0.00	21.26	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/12/07	37.37	15.55	0.00	21.82	0.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
04/04/07	37.37	15.31	0.00	22.06	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/05/07	37.37	16.21	0.00	21.16	-0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
10/01/07	37.37	17.13	0.00	20.24	-0.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
April 2002 Through January 2008
76 Station 7124

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)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
01/11/08	37.37	14.48	0.00	22.89	2.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2														
04/08/02	37.87	15.86	0.00	22.01	--	4400	--	ND<2.5	ND<2.5	6.4	ND<2.5	380	490	
07/28/02	37.87	17.28	0.00	20.59	-1.42	--	3200	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	170	
11/03/02	37.87	18.03	0.00	19.84	-0.75	--	3800	ND<5.0	ND<5.0	ND<5.0	ND<10	--	72	
01/24/03	37.87	15.59	0.00	22.28	2.44	--	410	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	490	
04/02/03	37.87	16.50	0.00	21.37	-0.91	--	1000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	180	
07/01/03	37.87	16.94	0.00	20.93	-0.44	--	1900	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	120	
10/02/03	37.87	17.93	0.00	19.94	-0.99	--	6900	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	32	
01/09/04	37.87	15.42	0.00	22.45	2.51	--	1000	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	300	
04/26/04	37.87	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
07/22/04	37.87	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
10/29/04	37.87	--	0.00	--	--	--	--	--	--	--	--	--	--	Well is paved over.
01/12/05	37.87	--	--	--	--	--	--	--	--	--	--	--	--	Well was paved over.
06/20/05	37.87	15.94	0.00	21.93	--	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	46	
09/23/05	37.87	17.29	0.00	20.58	-1.35	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
12/13/05	37.87	17.41	0.00	20.46	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
03/24/06	37.87	13.77	0.00	24.10	3.64	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	15	
05/30/06	37.87	15.16	0.00	22.71	-1.39	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.6	
08/22/06	37.87	16.49	0.00	21.38	-1.33	--	81	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.0	
10/31/06	37.87	17.15	0.00	20.72	-0.66	--	93	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.0	
01/12/07	37.87	17.07	0.00	20.80	0.08	--	230	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4.3	
04/04/07	37.87	17.84	0.00	20.03	-0.77	--	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.5	
07/05/07	37.87	17.51	0.00	20.36	0.33	--	150	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.6	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
April 2002 Through January 2008
76 Station 7124

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)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
10/01/07	37.87	18.25	0.00	19.62	-0.74	--	160	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.0	
01/11/08	37.87	16.80	0.00	21.07	1.45	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.7	
MW-3														
04/08/02	37.72	15.86	0.00	21.86	--	8700	--	65	ND<25	400	ND<25	6500	8300	
07/28/02	37.72	17.22	0.00	20.50	-1.36	--	4500	ND<25	ND<25	ND<25	ND<50	--	1100	
11/03/02	37.72	17.90	0.00	19.82	-0.68	--	25000	ND<5.0	ND<5.0	25	ND<10	--	470	
01/24/03	37.72	15.57	0.00	22.15	2.33	--	6000	ND<25	ND<25	94	ND<50	--	10000	
04/02/03	37.72	16.45	0.00	21.27	-0.88	--	130000	ND<100	ND<100	ND<100	ND<200	--	4400	
07/01/03	37.72	16.88	0.00	20.84	-0.43	--	9400	ND<10	ND<10	ND<10	ND<20	--	2200	
10/02/03	37.72	17.85	0.00	19.87	-0.97	--	73000	ND<50	ND<50	ND<50	ND<100	--	460	
01/09/04	37.72	15.31	0.00	22.41	2.54	--	8700	ND<25	ND<25	98	ND<50	--	3800	
04/26/04	37.72	16.62	0.00	21.10	-1.31	--	6700	ND<25	ND<25	ND<25	ND<50	--	3900	
07/22/04	37.72	17.62	0.00	20.10	-1.00	--	13000	ND<25	ND<25	ND<25	ND<50	--	980	
10/29/04	37.72	17.29	0.00	20.43	0.33	--	4600	ND<5.0	ND<5.0	13	ND<10	--	640	
01/12/05	37.72	14.64	0.00	23.08	2.65	--	6100	0.88	0.99	30	2.2	--	6900	
06/20/05	37.72	15.91	0.00	21.81	-1.27	--	1900	ND<0.50	0.21J	0.52	0.46J	--	960	
09/23/05	37.72	17.20	0.00	20.52	-1.29	--	2400	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
12/13/05	37.72	17.32	0.00	20.40	-0.12	--	2100	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	340	
03/24/06	37.72	13.86	0.00	23.86	3.46	--	2200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	970	
05/30/06	37.72	15.69	0.00	22.03	-1.83	--	1500	ND<12	ND<12	ND<12	ND<25	--	760	
08/22/06	37.72	16.51	0.00	21.21	-0.82	--	1900	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	160	
10/31/06	37.72	17.36	0.00	20.36	-0.85	--	2200	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	58	
01/12/07	37.72	16.85	0.00	20.87	0.51	--	2600	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	680	
04/04/07	37.72	16.62	0.00	21.10	0.23	--	1700	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	650	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
April 2002 Through January 2008
76 Station 7124

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)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
07/05/07	37.72	17.42	0.00	20.30	-0.80	--	2400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	160	
10/01/07	37.72	18.16	0.00	19.56	-0.74	--	1700	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	87	
01/11/08	37.72	15.84	0.00	21.88	2.32	--	2200	ND<0.50	ND<0.50	1.6	ND<1.0	--	1300	
MW-4														
04/08/02	38.36	16.59	0.00	21.77	--	13000	--	ND<5.0	ND<5.0	28	ND<5.0	790	980	
07/28/02	38.36	17.93	0.00	20.43	-1.34	--	18000	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	170	
11/03/02	38.36	18.66	0.00	19.70	-0.73	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.7	
01/24/03	38.36	16.27	0.00	22.09	2.39	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	1000	
04/02/03	38.36	17.19	0.00	21.17	-0.92	--	130000	ND<100	ND<100	ND<100	ND<200	--	ND<400	
07/01/03	38.36	17.61	0.00	20.75	-0.42	--	15000	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	170	
10/02/03	38.36	18.58	0.00	19.78	-0.97	--	7100	ND<10	ND<10	ND<10	ND<20	--	70	
01/09/04	38.36	16.15	0.00	22.21	2.43	--	18000	ND<10	ND<10	ND<10	ND<20	--	530	
04/26/04	38.36	17.20	0.00	21.16	-1.05	--	6500	ND<10	ND<10	ND<10	ND<20	--	240	
07/22/04	38.36	18.34	0.00	20.02	-1.14	--	18000	ND<10	ND<10	ND<10	ND<20	--	48	
10/29/04	38.36	18.13	0.00	20.23	0.21	--	2700	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	76	
01/12/05	38.36	15.22	0.00	23.14	2.91	--	1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	620	
06/20/05	38.36	16.63	0.00	21.73	-1.41	--	980	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
09/23/05	38.36	17.93	0.00	20.43	-1.30	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	34	
12/13/05	38.36	18.04	0.00	20.32	-0.11	--	3900	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	36	
03/24/06	38.36	14.48	0.00	23.88	3.56	--	1500	ND<12	ND<12	ND<12	ND<25	--	200	
05/30/06	38.36	15.79	0.00	22.57	-1.31	--	1200	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	130	
08/22/06	38.36	17.26	0.00	21.10	-1.47	--	980	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	33	
10/31/06	38.36	18.08	0.00	20.28	-0.82	--	1300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	10	
01/12/07	38.36	17.57	0.00	20.79	0.51	--	820	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	28	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
April 2002 Through January 2008
76 Station 7124

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-4 continued														
04/04/07	38.36	17.40	0.00	20.96	0.17	--	460	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	41	
07/05/07	38.36	18.02	0.00	20.34	-0.62	--	920	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7.0	
10/01/07	38.36	18.89	0.00	19.47	-0.87	--	560	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.0	
01/11/08	38.36	16.56	0.00	21.80	2.33	--	340	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	21	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7124

Date Sampled	TBA	Ethanol (8015B)	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1								
07/28/02	ND<100	ND<500	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
11/03/02	ND<100	ND<500	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/24/03	ND<100	ND<500	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
04/02/03	ND<100	ND<500	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
07/01/03	ND<100	ND<500	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
10/02/03	ND<100	--	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/09/04	ND<100	--	ND<500	ND<2	ND<2.0	ND<2	ND<2	ND<2
04/26/04	ND<5.0	--	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
07/22/04	ND<5.0	--	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
10/29/04	ND<5.0	--	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
01/12/05	ND<5.0	--	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
06/20/05	ND<10	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/23/05	ND<10	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
12/13/05	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/24/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
05/30/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/22/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
10/31/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/12/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
04/04/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/05/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
10/01/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/11/08	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-2								
04/08/02	ND<2000	ND<10000	--	ND<40	ND<40	ND<40	ND<40	ND<40
07/28/02	ND<500	ND<2500	--	ND<10	ND<10	ND<10	ND<10	ND<10

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7124

Date Sampled	TBA	Ethanol (8015B)	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-2 continued								
11/03/02	ND<1000	ND<5000	--	ND<20	ND<20	ND<20	ND<20	ND<20
01/24/03	ND<500	ND<2500	--	ND<10	ND<10	ND<10	ND<10	ND<10
04/02/03	ND<1000	ND<5000	--	ND<20	ND<20	ND<20	ND<20	ND<20
07/01/03	ND<500	ND<2500	--	ND<10	ND<10	ND<10	ND<10	ND<10
10/02/03	ND<100	--	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/09/04	ND<500	--	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
06/20/05	25	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/23/05	ND<10	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
12/13/05	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/24/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
05/30/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
08/22/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
10/31/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/12/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
04/04/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/05/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
10/01/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/11/08	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-3								
10/02/03	ND<10000	--	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200
01/09/04	ND<5000	--	ND<25000	ND<100	ND<100	ND<100	ND<100	ND<100
04/26/04	ND<250	--	ND<2500	ND<25	ND<25	ND<50	ND<25	ND<25
07/22/04	ND<250	--	ND<2500	ND<25	ND<25	ND<50	ND<25	ND<25
10/29/04	ND<50	--	ND<500	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0
01/12/05	1300	--	ND<2500	ND<25	ND<25	ND<50	ND<25	ND<25
06/20/05	39	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.31J

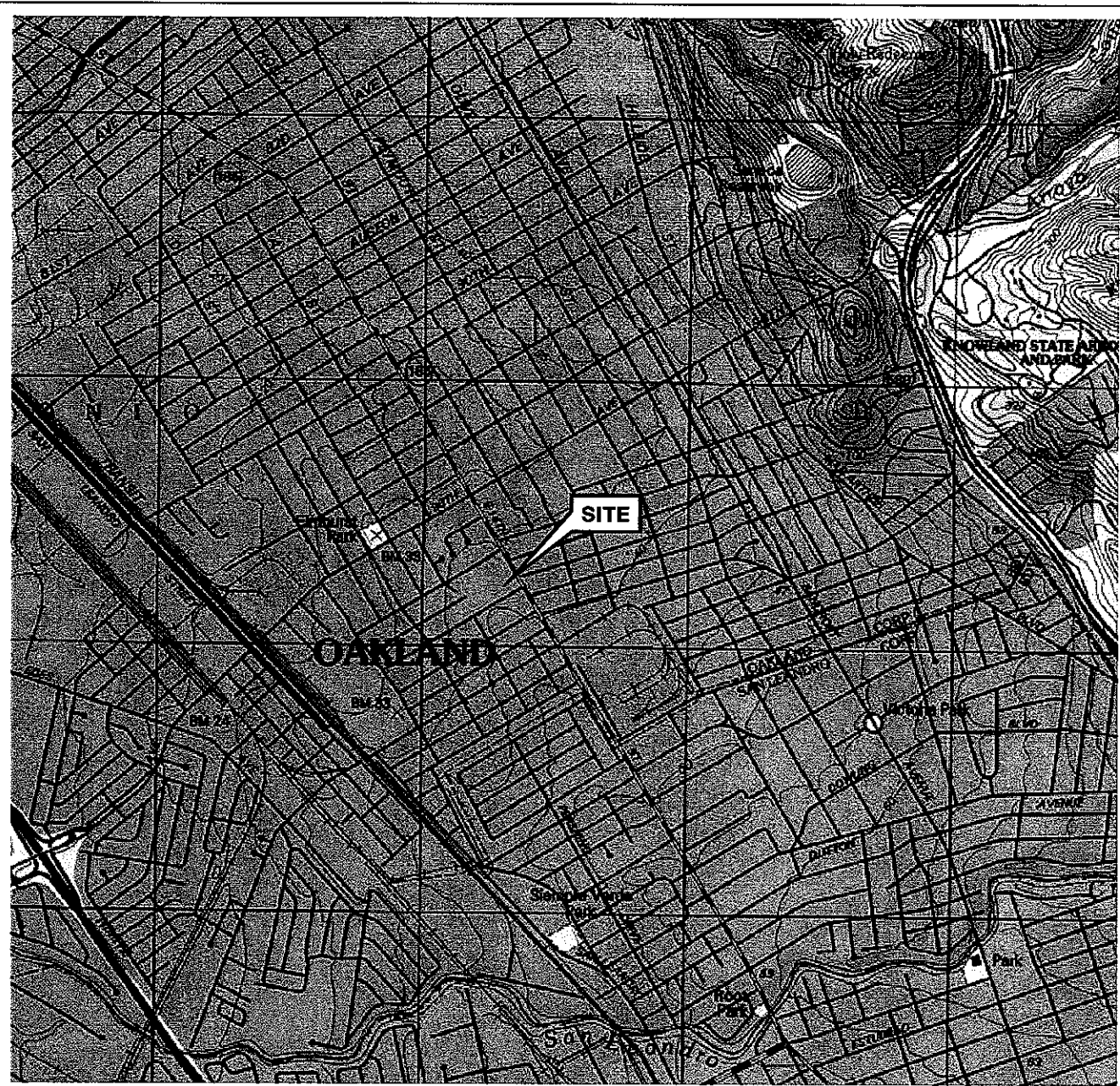
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7124

Date Sampled	TBA	Ethanol (8015B)	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-3 continued								
09/23/05	ND<10	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
12/13/05	ND<50	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
03/24/06	ND<100	--	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
05/30/06	ND<250	--	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12
08/22/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
10/31/06	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/12/07	43	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
04/04/07	130	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/05/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
10/01/07	ND<20	--	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
01/11/08	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-4								
04/08/02	ND<5000	ND<25000	--	ND<100	ND<100	ND<100	ND<100	ND<100
07/28/02	ND<500	ND<2500	--	ND<10	ND<10	ND<10	ND<10	ND<10
11/03/02	ND<100	ND<500	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
01/24/03	ND<2000	ND<10000	--	ND<40	ND<40	ND<40	ND<40	ND<40
04/02/03	ND<20000	ND<100000	--	ND<400	ND<400	ND<400	ND<400	ND<400
07/01/03	ND<500	ND<2500	--	ND<10	ND<10	ND<10	ND<10	ND<10
10/02/03	ND<2000	--	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40
01/09/04	ND<2000	--	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40
04/26/04	430	--	ND<1000	ND<10	ND<10	ND<20	ND<10	ND<10
07/22/04	ND<100	--	ND<1000	ND<10	ND<10	ND<20	ND<10	ND<10
10/29/04	63	--	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5
01/12/05	1300	--	ND<250	ND<10	ND<2.5	ND<5.0	ND<2.5	ND<2.5
06/20/05	580	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/23/05	92	--	ND<1000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7124

Date Sampled	TBA	Ethanol (8015B)	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4 continued								
12/13/05	50	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/24/06	1900	--	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12
05/30/06	ND<50	--	ND<1200	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
08/22/06	150	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
10/31/06	43	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/12/07	72	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
04/04/07	260	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/05/07	18	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
10/01/07	ND<10	--	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/11/08	140	--	ND<250	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 West Quadrangle

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



SCALE 1:24,000



QUADRANGLE
LOCATION



PROJECT: 125703


FACILITY:


76 STATION 7124
10151 INTERNATIONAL BOULEVARD
OAKLAND, CALIFORNIA


VICINITY MAP

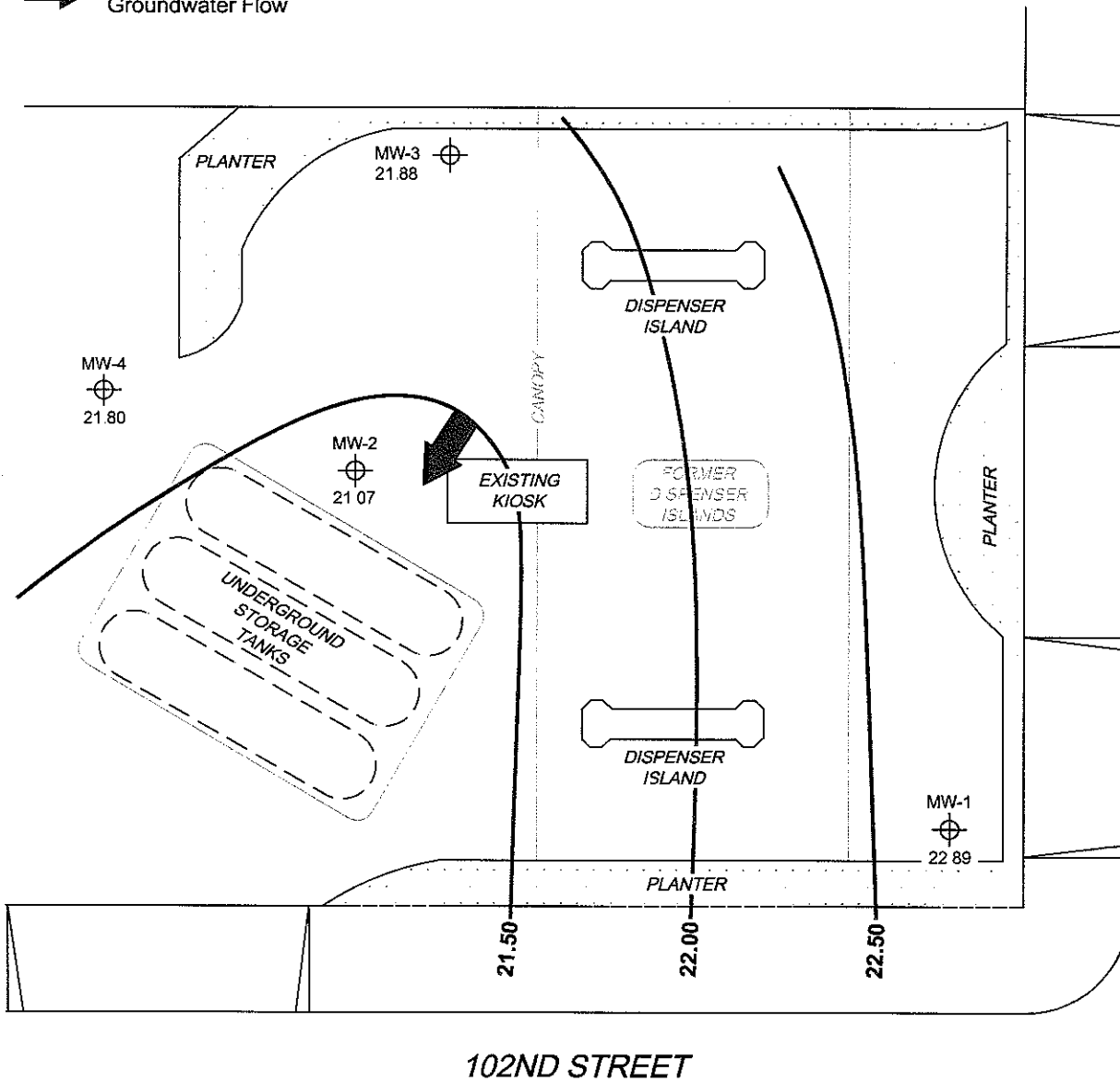
FIGURE 1

LEGEND

MW-4  Monitoring Well with Groundwater Elevation (feet)

22.50  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)



MS=1:1 7-124-003 L:\Graphics\QMS NORTH-SOUTH\7124\7124-QMS.DWG Jan 30, 2008 - 12:05pm bschmidt




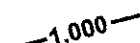
PROJECT: 154771
FACILITY:
76 STATION 7124
10151 INTERNATIONAL BOULEVARD
OAKLAND CALIFORNIA

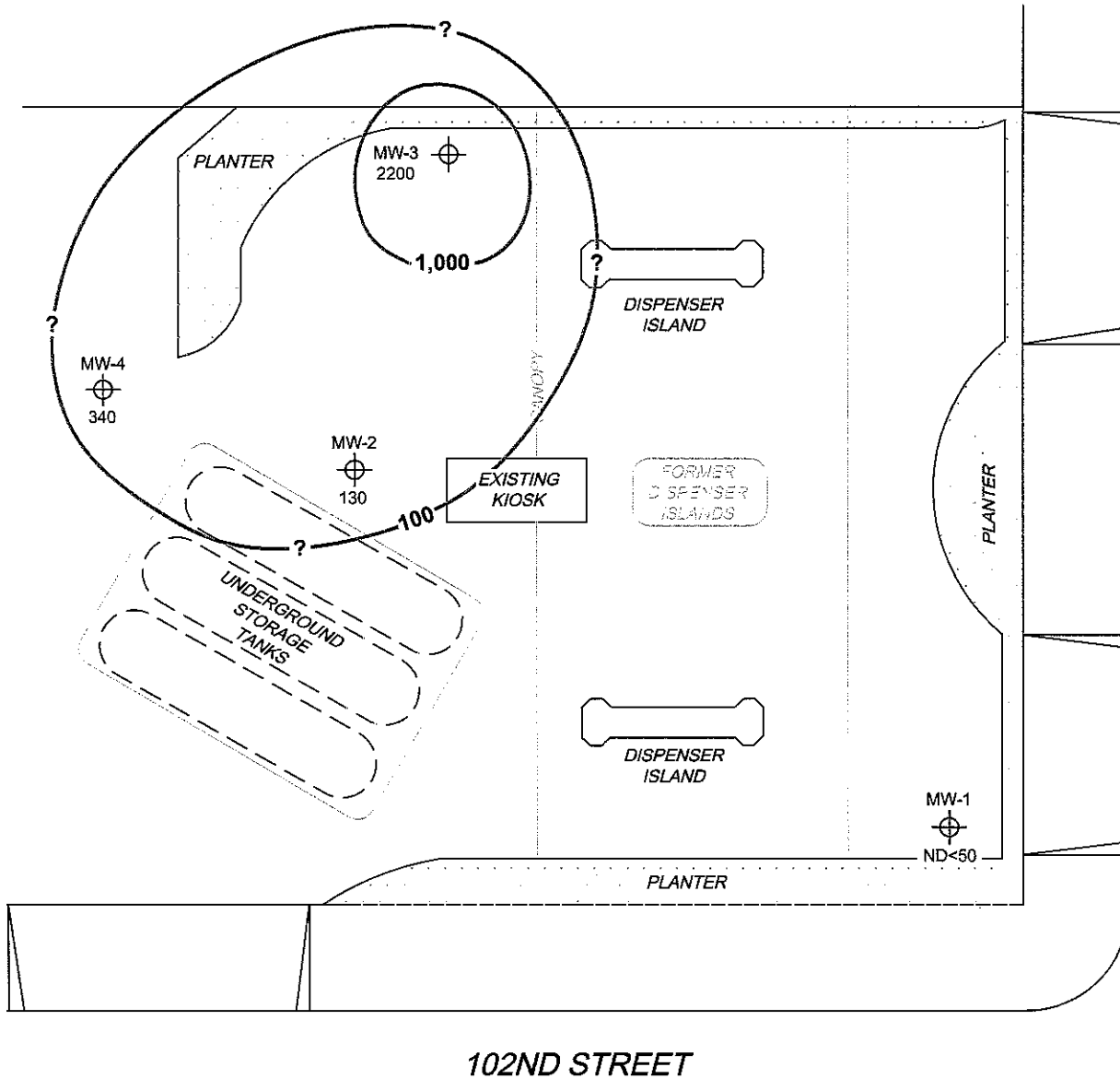
**GROUNDWATER ELEVATION
CONTOUR MAP
January 11, 2008**

FIGURE 2

LEGEND

MW-4  Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

 1,000 Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples
 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.

SCALE (FEET)



L: \Graphics\QMS NORTH-SOUTH-SOUTH-7000\7124\7124-QMS.DWG Jan 30, 2008 - 12:09pm bschmidt

MS=1:1 7124-003




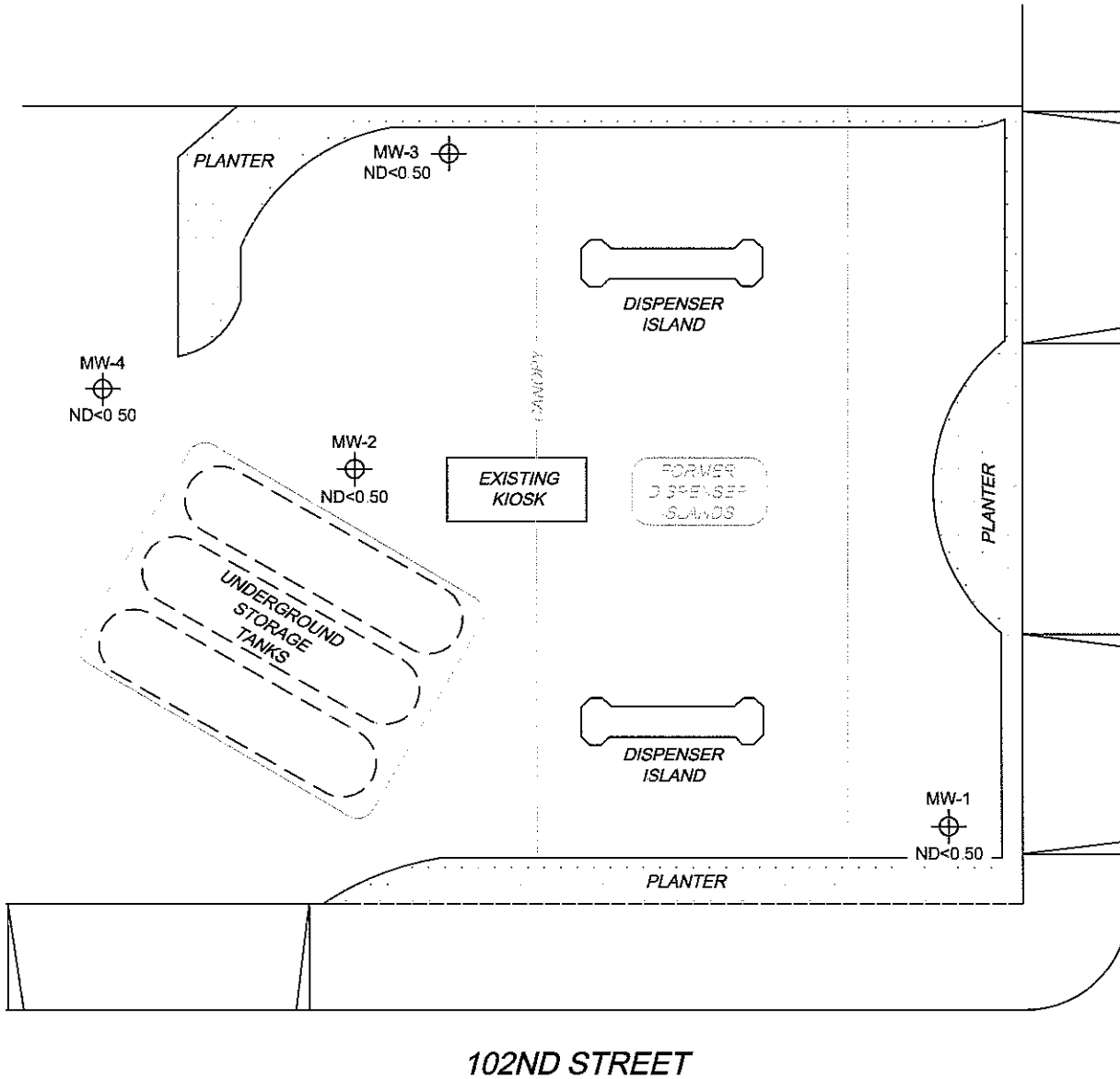
PROJECT: 154771
 FACILITY:
 76 STATION 7124
 10151 INTERNATIONAL BOULEVARD
 OAKLAND, CALIFORNIA

**DISSOLVED-PHASE TPH-G (GC/MS)
 CONCENTRATION MAP
 January 11, 2008**

FIGURE 3

LEGEND

MW-4  Monitoring Well with Dissolved-Phase Benzene Concentration ($\mu\text{g/l}$)



NOTES:

$\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report.

SCALE (FEET)



L:\Graphics\QMS NORTH-SOUTH-7000\7124\7124-QMS.DWG Jan 30, 2008 - 12:09pm bschmidt

MS=1:1 7124-003




PROJECT: 154771
 FACILITY:
 76 STATION 7124
 10151 INTERNATIONAL BOULEVARD
 OAKLAND, CALIFORNIA

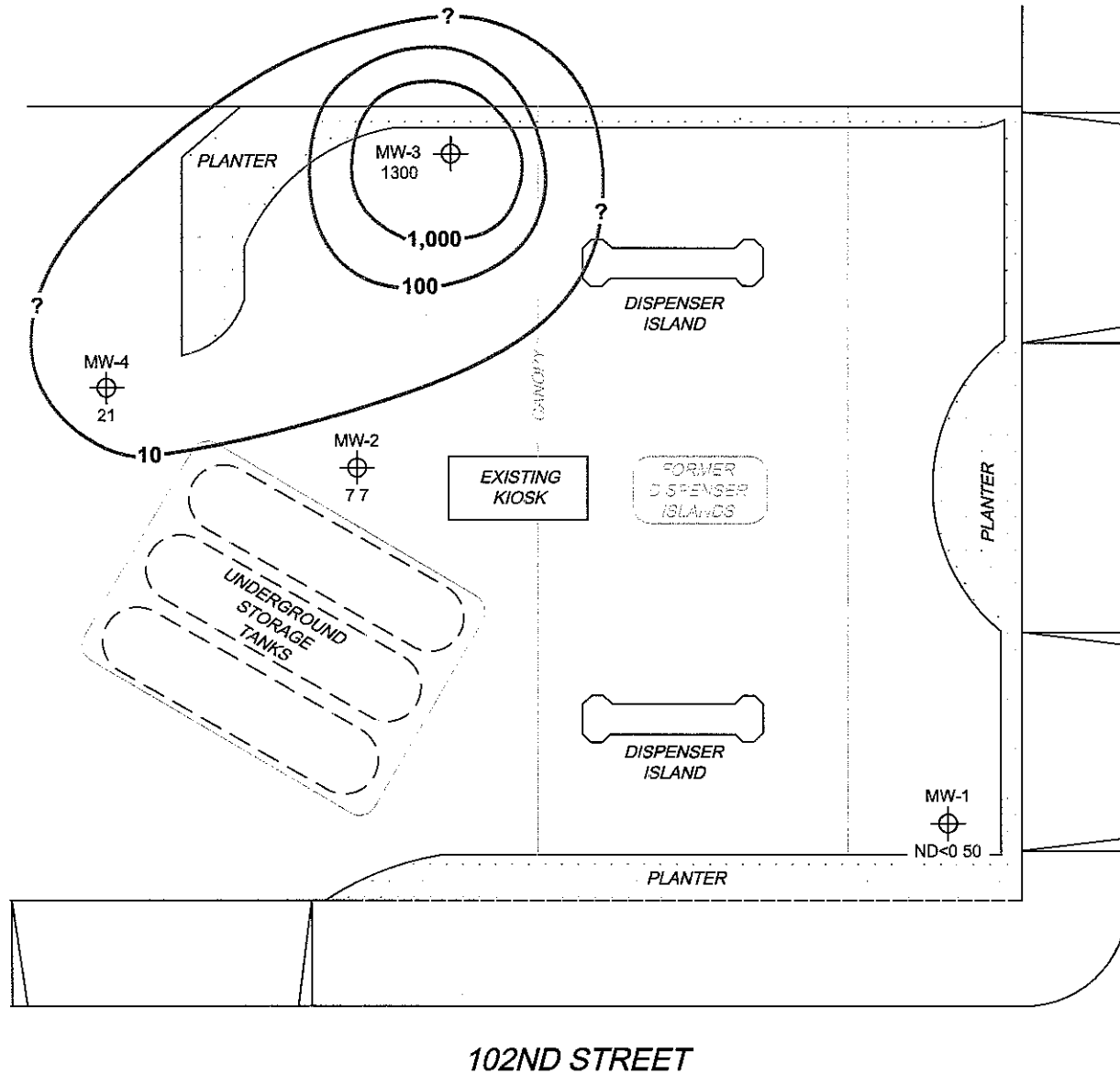
**DISSOLVED-PHASE BENZENE
 CONCENTRATION MAP**
 January 11, 2008

FIGURE 4

LEGEND

MW-4  Monitoring Well with Dissolved-Phase MTBE Concentration ($\mu\text{g/l}$)

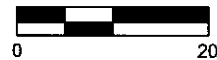
 1,000 Dissolved-Phase MTBE Contour ($\mu\text{g/l}$)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. $\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report. Results obtained using EPA Method 8260B

SCALE (FEET)



MS-1:1 7124-003 L:\Graphics\QMS NORTH-SOUTH-7000\7124+-7124\QMS.DWG Jan 30, 2008 -- 12:16pm bschmidt



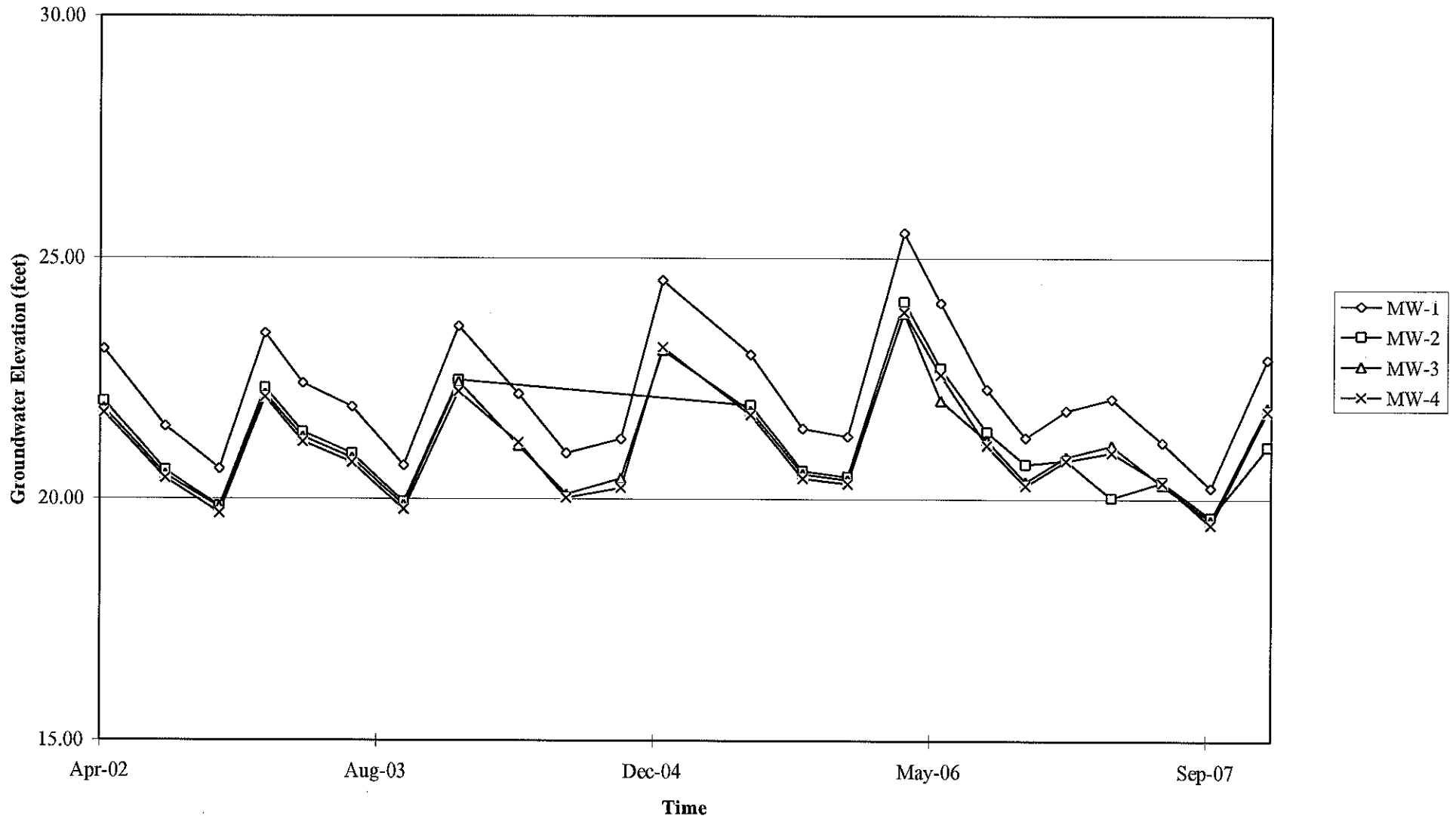
PROJECT: 154771
 FACILITY:
 76 STATION 7124
 10151 INTERNATIONAL BOULEVARD
 OAKLAND, CALIFORNIA

**DISSOLVED-PHASE MTBE
 CONCENTRATION MAP**
 January 11, 2008

FIGURE 5

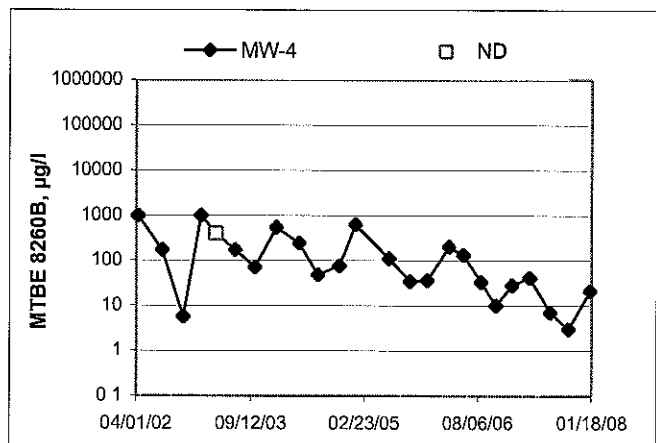
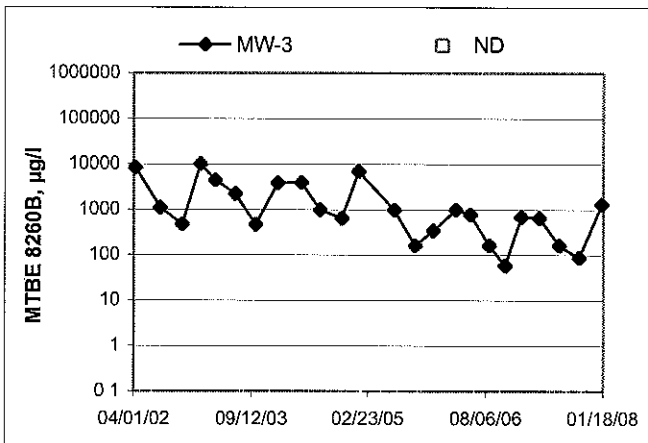
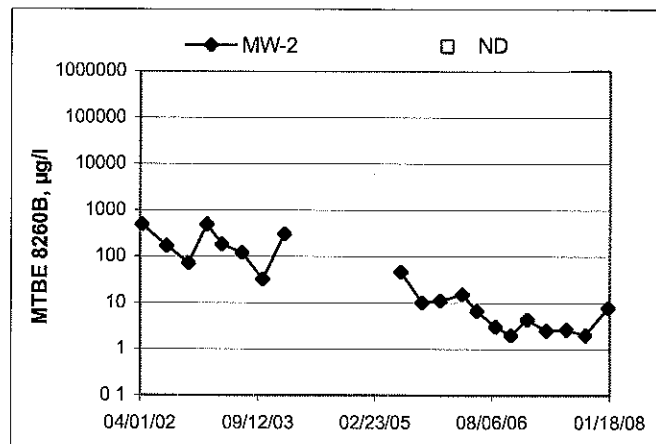
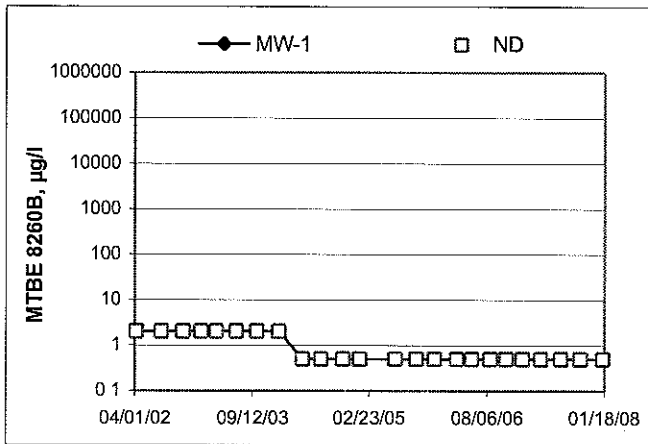
GRAPHS

Groundwater Elevations vs. Time
76 Station 7124



Elevations may have been corrected for apparent changes due to resurvey

MTBE 8260B Concentrations vs Time
76 Station 7124



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.

GROUNDWATER SAMPLING FIELD NOTES

Technician: DAMIAN

Site: F124

Project No.: 154971

Date: 1/11/08

Well No. MW-1

Purge Method: DIA

Depth to Water (feet): 14.48

Depth to Product (feet): _____

Total Depth (feet) 24.80

LPH & Water Recovered (gallons): _____

Water Column (feet): 10.32

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 16.54

1 Well Volume (gallons): 7

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O.	ORP	Turbidity
0909			7	586.5	16.8	7.67			
			14	566.1	18.1	7.23			
	0917		21	563.9	18.4	7.03			
Static at Time Sampled			Total Gallons Purged		Sample Time				
14 91			21		0922				
Comments:									

Well No. MW-4

Purge Method: DIA

Depth to Water (feet): 16.56

Depth to Product (feet): _____

Total Depth (feet) 24.90

LPH & Water Recovered (gallons): _____

Water Column (feet): 8.34

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 18.32

1 Well Volume (gallons): 6

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O.	ORP	Turbidity
0940			6	606.6	17.7	6.84			
			12	620.7	18.8	6.85			
	0950		18	585.2	19.1	6.72			
Static at Time Sampled			Total Gallons Purged		Sample Time				
17 03			18		0953				
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: DAMIAN

Site: 7124 Project No.: 154771 Date: 1/11/09

Well No. MW-2 Purge Method: DIX
 Depth to Water (feet): 16.80 Depth to Product (feet): _____
 Total Depth (feet): 25.16 LPH & Water Recovered (gallons): _____
 Water Column (feet): 8.36 Casing Diameter (Inches): 4"
 80% Recharge Depth(feet): 18.47 1 Well Volume (gallons): 6

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>1007</u>			<u>6</u>	<u>679.9</u>	<u>18.5</u>	<u>7.00</u>			
			<u>12</u>	<u>605.4</u>	<u>20.0</u>	<u>6.95</u>			
	<u>1012</u>		<u>18</u>	<u>651.9</u>	<u>20.2</u>	<u>6.99</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>16:60</u>			<u>18</u>			<u>10/3</u>			
Comments:									

Well No. MW-3 Purge Method: DIX
 Depth to Water (feet): 15.89 Depth to Product (feet): _____
 Total Depth (feet): 25.27 LPH & Water Recovered (gallons): _____
 Water Column (feet): 9.43 Casing Diameter (Inches): 4"
 80% Recharge Depth(feet): 17.72 1 Well Volume (gallons): 6

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
<u>1037</u>			<u>6</u>	<u>685.1</u>	<u>17.9</u>	<u>7.03</u>			
			<u>12</u>	<u>687.5</u>	<u>18.7</u>	<u>6.94</u>			
	<u>1037</u>		<u>18</u>	<u>689.7</u>	<u>18.7</u>	<u>6.94</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>16:08</u>			<u>18</u>			<u>1039</u>			
Comments:									



LABORATORIES, INC.

Date of Report: 01/22/2008

Anju Farfan

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

RE: 7124
BC Work Order: 0800688

Enclosed are the results of analyses for samples received by the laboratory on 01/14/2008 21:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Molly Meyers".

Contact Person: Molly Meyers
Client Service Rep

A handwritten signature in cursive script, appearing to be a stylized name, written over a horizontal line.

Authorized Signature



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

Project: 7124
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/22/2008 15:23

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:	Global ID:	Matrix:	Sample QC Type (SACode):	Cooler ID:
0800688-01	COC Number:	---		01/14/2008 21:00	01/11/2008 09:22	---	Water		T0600173591	W	CS	
	Project Number:	7124										
	Sampling Location:	MW-1										
	Sampling Point:	MW-1										
	Sampled By:	TRCI										
0800688-02	COC Number:	---		01/14/2008 21:00	01/11/2008 09:53	---	Water		T0600173591	W	CS	
	Project Number:	7124										
	Sampling Location:	MW-4										
	Sampling Point:	MW-4										
	Sampled By:	TRCI										
0800688-03	COC Number:	---		01/14/2008 21:00	01/11/2008 10:13	---	Water		T0600173591	W	CS	
	Project Number:	7124										
	Sampling Location:	MW-2										
	Sampling Point:	MW-2										
	Sampled By:	TRCI										
0800688-04	COC Number:	---		01/14/2008 21:00	01/11/2008 10:39	---	Water		T0600173591	W	CS	
	Project Number:	7124										
	Sampling Location:	MW-3										
	Sampling Point:	MW-3										
	Sampled By:	TRCI										



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

Project: 7124
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/22/2008 15:23

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800688-01 Client Sample Name: 7124, MW-1, MW-1, 1/11/2008 9:22:00AM

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	0.50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.7	%	76 - 114 (LCL - UCL)		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986		
Toluene-d8 (Surrogate)	95.8	%	88 - 110 (LCL - UCL)		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	01/16/08	01/17/08 01:11	SDU	MS-V10	1	BRA0986		



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

Project: 7124
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/22/2008 15:23

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0800688-02		Client Sample Name:	7124, MW-4, MW-4, 1/11/2008 9:53:00AM										
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	0.50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
Methyl t-butyl ether	21	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
Toluene	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
t-Butyl alcohol	140	ug/L	10		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
Ethanol	ND	ug/L	250		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
Total Purgeable Petroleum Hydrocarbons	340	ug/L	50		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986	ND	A39	
1,2-Dichloroethane-d4 (Surrogate)	99.4	%	76 - 114 (LCL - UCL)		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986			
Toluene-d8 (Surrogate)	96.0	%	88 - 110 (LCL - UCL)		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986			
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	01/16/08	01/17/08 01:29	SDU	MS-V10	1	BRA0986			



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

Project: 7124
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/22/2008 15:23

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800688-03 **Client Sample Name:** 7124, MW-2, MW-2, 1/11/2008 10:13:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep	Run		Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time	Batch ID				Bias	Quals	
Benzene	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
Methyl t-butyl ether	7.7	ug/L	0.50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
Toluene	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
t-Butyl alcohol	ND	ug/L	10		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
Ethanol	ND	ug/L	250		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
Total Purgeable Petroleum Hydrocarbons	130	ug/L	50		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986	ND	A39
1,2-Dichloroethane-d4 (Surrogate)	99.5	%	76 - 114 (LCL - UCL)		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986		
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	01/16/08	01/17/08	01:46	SDU	MS-V10	1	BRA0986		



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

Project: 7124
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/22/2008 15:23

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800688-04 **Client Sample Name:** 7124, MW-3, MW-3, 1/11/2008 10:39:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep		Run		Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
						Date	Date/Time	Analyst						
Benzene	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
Ethylbenzene	1.6	ug/L	0.50		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
Methyl t-butyl ether	1300	ug/L	10		EPA-8260	01/16/08	01/18/08 22:04	SDU	MS-V10	20	BRA0986	ND	A01	
Toluene	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
Ethanol	ND	ug/L	250		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
Total Purgeable Petroleum Hydrocarbons	2200	ug/L	50		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986	ND	A39	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986			
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	01/16/08	01/18/08 22:04	SDU	MS-V10	20	BRA0986			
Toluene-d8 (Surrogate)	97.5	%	88 - 110 (LCL - UCL)		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986			
Toluene-d8 (Surrogate)	97.9	%	88 - 110 (LCL - UCL)		EPA-8260	01/16/08	01/18/08 22:04	SDU	MS-V10	20	BRA0986			
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	01/16/08	01/18/08 22:04	SDU	MS-V10	20	BRA0986			
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	01/16/08	01/17/08 02:04	SDU	MS-V10	1	BRA0986			

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

Project: 7124
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 01/22/2008 15:23

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	Percent Recovery Lab Quals
Benzene	BRA0986	Matrix Spike	0800597-02	0	24.750	25.000	ug/L		99.0		70 - 130
		Matrix Spike Duplicate	0800597-02	0	23.510	25.000	ug/L	5.2	94.0	20	70 - 130
Toluene	BRA0986	Matrix Spike	0800597-02	0	25.310	25.000	ug/L		101		70 - 130
		Matrix Spike Duplicate	0800597-02	0	24.780	25.000	ug/L	1.9	99.1	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRA0986	Matrix Spike	0800597-02	ND	10.120	10.000	ug/L		101		76 - 114
		Matrix Spike Duplicate	0800597-02	ND	9.8600	10.000	ug/L		98.6		76 - 114
Toluene-d8 (Surrogate)	BRA0986	Matrix Spike	0800597-02	ND	9.7700	10.000	ug/L		97.7		88 - 110
		Matrix Spike Duplicate	0800597-02	ND	9.9300	10.000	ug/L		99.3		88 - 110
4-Bromofluorobenzene (Surrogate)	BRA0986	Matrix Spike	0800597-02	ND	10.260	10.000	ug/L		103		86 - 115
		Matrix Spike Duplicate	0800597-02	ND	10.140	10.000	ug/L		101		86 - 115

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 21 Technology Drive
 Irvine, CA 92618-2302

Project: 7124
 Project Number: [none]
 Project Manager: Anju Fartan

Reported: 01/22/2008 15:23

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		Lab Quals
										Percent Recovery	RPD	
Benzene	BRA0986	BRA0986-BS1	LCS	22.580	25.000	0.50	ug/L	90.3		70 - 130		
Toluene	BRA0986	BRA0986-BS1	LCS	23.810	25.000	0.50	ug/L	95.2		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRA0986	BRA0986-BS1	LCS	10.020	10.000		ug/L	100		76 - 114		
Toluene-d8 (Surrogate)	BRA0986	BRA0986-BS1	LCS	9.9200	10.000		ug/L	99.2		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRA0986	BRA0986-BS1	LCS	9.9100	10.000		ug/L	99.1		86 - 115		

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 21 Technology Drive
 Irvine, CA 92618-2302

 Project: 7124
 Project Number: Inone1
 Project Manager: Anju Farfan

Reported: 01/22/2008 15:23

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
Benzene	BRA0986	BRA0986-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRA0986	BRA0986-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRA0986	BRA0986-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRA0986	BRA0986-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRA0986	BRA0986-BLK1	ND	ug/L	0.50		
Toluene	BRA0986	BRA0986-BLK1	ND	ug/L	0.50		
Total Xylenes	BRA0986	BRA0986-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRA0986	BRA0986-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRA0986	BRA0986-BLK1	ND	ug/L	10		
Diisopropyl ether	BRA0986	BRA0986-BLK1	ND	ug/L	0.50		
Ethanol	BRA0986	BRA0986-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRA0986	BRA0986-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRA0986	BRA0986-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRA0986	BRA0986-BLK1	104	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRA0986	BRA0986-BLK1	99.4	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRA0986	BRA0986-BLK1	99.0	%	86 - 115 (LCL - UCL)		

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

Project: 7124
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/22/2008 15:23

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
A01 PQL's and MDL's are raised due to sample dilution.
A39 Sample received at pH greater than 2.

Submission #: 0800624

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 Containers None Comments:

Intact? Yes No

Intact? Yes No

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: 3.7 °C
Thermometer ID: X4E

Emissivity .97
Container VOA

Date/Time 2/20/04
Analyst Init JDLW

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										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	<u>A3</u>	<u>A3</u>	<u>A3</u>	<u>A3</u>						
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: PMZ

Date/Time: 1-15-08 1500

PMZ
1-15-08

1325

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	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 <i>ADD/EDC BY 8260B</i>	Turnaround Time Requested
Address: 10151 INTERNATIONAL BLVD		21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan				
City: OAKLAND		4-digit site#: 7124 Workorder # 01634-4509118529				
State: CA	Zip:	Project #: 154771				
Conoco Phillips Mgr: <i>Bill Borek</i>		Sampler Name: DAMIAN				
Lab#	Sample Description	Field Point Name	Date & Time Sampled			
	-1	MW-1	1/14/08 0922	GW		
	-2	MW-4	0953			
	-3	MW-2	1013			
	-4	MW-3	1039			
Comments: <i>CHK BY DISTRIBUTION</i> <i>Submittal</i>				Relinquished by: (Signature) <i>D. Braund</i>	Received by: <i>FRICE</i>	Date & Time <i>1145</i>
GLOBAL ID: 70600173591				Relinquished by: (Signature) <i>[Signature]</i>	Received by: <i>Ross Dickey</i>	Date & Time <i>1/14/08 1440</i>
(A) = ANALYSIS (C) = CONTAINER				Relinquished by: (Signature) <i>Ross Dickey 1/14/08</i>	Received by: <i>Rehman</i>	Date & Time <i>1-14-08 1750</i>
(P) = PRESERVATIVE				<i>Rehman 1-14-08 2100</i>		<i>White 1/14/08 2100</i>

STATEMENTS

Purge Water Disposal

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

Limitations

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