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8:51 am, Apr 16, 2010

Alameda County
Environmental Health

Semiannual Status Summary Report First Quarter 2010
800, 726, and 706 Harrison Street
Oakland, California

Stantec Project No.:
211402813

Submitted to:
Ms. Donna Drogos, P.E.
Local Oversight Program Manager
Alameda County Environmental Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502-9335

Submitted by:
Stantec Consulting Corporation
3017 Kilgore Road, Suite 100
Rancho Cordova, California 95670
916-861-0400

Prepared on behalf of:
ConocoPhillips Company
Ms. Shelby Lathrop
Site Manager
76 Broadway
Sacramento, California 95818

April 15, 2010

Semiannual Status Summary Report First Quarter 2010
800, 726, and 706 Harrison Street
April 15, 2010

INTRODUCTION

On behalf of ConocoPhillips, Stantec Consulting Corporation (Stantec) has prepared this quarterly status summary report for the 76 Station No. 0752, located at 800 Harrison Street, the Former Shell Station located at 726 Harrison Street, and the Former Arco Service Station located at 706 Harrison Street in Oakland, California (Figure 1). An application for the owners of the sites to enter into a commingled plume agreement with the State Water Resources Control Board Underground Storage Tank Cleanup Fund is currently in process.

SITE SETTING

The property located at 800 Harrison Street is an active 76 Service Station. Current site facilities consist of a single-story convenience store and smog shop, three product dispenser islands under two canopies, and two 12,000-gallon double-wall poly-steel gasoline underground storage tanks (USTs). The property located at 726 Harrison Street is an asphalt parking lot and facilities consist of a building (Yee property), and the property located at 706 Harrison Street is an asphalt parking lot with no current facilities (Gin Property, Figure 2).

The sites are bounded to the west and northwest by Harrison Street and to the southwest by 7th Street. Eighth Street trends northwest-southeast between 800 and 726 Harrison Street. The area surrounding the sites is predominantly commercial with some residential properties upgradient.

The sites are located in the East Bay Plain sub-basin in the Santa Clara Valley groundwater basin, as identified in the California Regional Water Quality Control Board (CRWQCB) – San Francisco Bay Region's *San Francisco Bay Basin (Region 2) Water Quality Control Plan (Basin Plan)*, dated January 18, 2007. This basin has been designated as having existing beneficial uses for municipal and domestic water supply, industrial process water supply, industrial service water supply, and agricultural water supply.

PREVIOUS ASSESSMENT

For a discussion of site source areas and historical environmental data, see Stantec's *Site Conceptual Model*, dated September 30, 2009.

SENSITIVE RECEPTOR SURVEY

In April 2001, Gettler-Ryan Incorporated (GR) prepared a site conceptual model (SCM) for the subject site located at 800 Harrison Street. A one mile radius well search was conducted by Alameda County Public Works Agency in 2001. Four irrigation wells and one industrial well were identified within the 1-mile search radius. The closest well to the site was an irrigation well at Laney College (900 Fallon Street) cross gradient, located approximately 1,880 feet southeast of the site. The SCM referenced that the subject site is situated approximately ½ mile north/northeast of the Oakland Inner Harbor, the closest sensitive receptor, and ½ mile to ¾ mile west/southwest of Lake Merritt (GR, 2001).

An area well study was conducted by Aqua Science Engineers (ASE) and referenced in their December 6, 2007 Subsurface Utility Study, Area Well Study, and Work Plan for Additional Soil and Groundwater Assessment. According to ASE's assessment report, approximately

166 wells were located within the study area and of these wells, approximately 136 were listed as monitoring and/or testing wells, 10 were listed as piezometers, one was listed as a cathodic protection well, thirteen were listed as remediation wells, one was listed as a domestic well, one was listed as an abandoned well, two were listed as destroyed wells, and two were of unknown usage. The well labeled as domestic was owned by Western Union and was approximately 33-feet deep. It was not thought to be likely that the well was used as domestic drinking water. In their study, ASE concluded that based on the information known from these wells, (a) no water supply wells were located in the site vicinity, and (b) none of the other wells downgradient of the site appeared to present a potential conduit for the downward movement of contamination.

GROUNDWATER MONITORING AND SAMPLING

The sites have been monitored and sampled since 1991 (800 Harrison), 1998 (726 Harrison), and 1993 (706 Harrison). Monitoring is currently performed by TRC (800 Harrison), Aqua Science Engineers (726 Harrison), and Conestoga Rovers & Associates (CRA, 706 Harrison). Currently, 20 coordinated monitoring wells are monitored and sampled semiannually. Samples are analyzed for TPHg, BTEX, MTBE, and ethanol (800 Harrison Street only) using the following methods:

Site	Methods			
	TPHg	BTEX	MTBE	Ethanol
800 Harrison	Luft GC/MS	EPA 8260B	EPA 8260B	EPA 8260B
726 Harrison	EPA 8260B	EPA 8260B	EPA 8260B	NA
706 Harrison	EPA 8015C	EPA 8021B	EPA 8021B/8260B	NA

Notes:
BTEX = Benzene, toluene, ethylbenzene, xylenes
EPA= Environmental Protection Agency
Luft= Leaking underground fuel tank
MTBE = Methyl tertiary butyl ether
NA = Not analyzed
TPHg = Total petroleum hydrocarbons as gasoline.

During the first quarter 2010 (1Q10) monitoring and sampling event, the 20 wells were gauged and sampled during a coordinated event on January 25, 2010. The minimum and maximum concentrations of constituents detected are presented in the table below.

Constituents	Number of Detections Above PQL of the Samples Collected	Minimum Concentration Detected (µg/l) (Sample ID)	Maximum Concentration Detected (µg/l) (Sample ID)
TPHg	12 / 20	87 (MW-3 -Yee)	46,000 (MW-2-Gin)
Benzene	9 / 20	4.8 (MW-6-Unocal)	1,400 (MW-5 –Yee/MW-2-Gin)
Toluene	10 / 20	0.63 (MW-6-Unocal)	6,200 (MW-2-Gin)
Ethylbenzene	8 / 20	0.54 (MW-7-Unocal)	1,100 (MW-2-Gin)
Total Xylenes	9 / 20	1.4 (MW-6-Unocal)	5,800 (MW-2-Gin)
MTBE	16 / 20	1.7 (MW-5-Unocal)	8,100 (MW-3- Unocal)

Explanations:
µg/l = micrograms per liter
MTBE = methyl tertiary butyl ether
PQL = Practical quantitation limit
TPHg = Total petroleum hydrocarbons as gasoline

Hydrocarbon concentrations in the majority of site wells at 800, 726, and 706 Harrison Street generally continue to decline or remain stable. TPHg was detected for the first time in groundwater monitoring well MW-3 at 706 Harrison.

This quarter, the direction of groundwater flow across the three sites was to the southwest at an approximate gradient of 0.007 foot per foot ([ft/ft], Figure 3), which is shallower than previous gradients evaluated at the site. During previous events, the well survey data for the sites were not correlated to the same datum, which resulted in a steeper gradient. The groundwater flow direction, however, was not different. Depth to groundwater ranged from 15.58 feet to 19.78 feet below the top of casing (TOC). The average groundwater elevation was 13.86 feet. It should be noted that depth to water measurements for wells MW-5 through MW-7 at 706 Harrison were collected after purging of other wells was performed. This may affect the validity of the elevation data. No gauging times were included on the 726 Harrison field data sheets, although ASE has indicated to Stantec that wells were gauged prior to commencement of purging.

TRC's Semi-Annual Monitoring Report dated February 26, 2010, is presented as Attachment 1. ASEs' 1Q10 data is presented as Attachment 2, and CRA's 1Q10 data is presented as Attachment 3.

GeoWell and EDF files for 800 Harrison Street have been uploaded to the State GeoTracker database by TRC. Uploading of GeoWell and EDF files for 726 and 706 Harrison Street is the responsibility of ASE and CRA, respectively.

NON AQUEOUS PHASE LIQUID

Measureable non aqueous phase liquid (NAPL) was not observed in site wells from 800 and 726 Harrison Street during the 1Q10 event. Sheen was observed by the laboratory in the sample from one site well (MW-2) at 706 Harrison Street during the 1Q10 event.

Since groundwater investigations began on the subject sites in the early 1990s, there has been no documentation of measureable NAPL in monitoring wells located at 800 and 726 Harrison Street. According to Table 2 for 706 Harrison Street, immiscible sheen/product has been detected intermittently in site wells located at 706 Harrison since 1993 to present.

REMEDIATION STATUS

Remediation is not currently being conducted at the sites.

CURRENT ASSESSMENT ACTIVITIES

No additional assessment activities were performed during first quarter 2010.

CHARACTERIZATION STATUS

The extent of hydrocarbons in groundwater has been adequately delineated laterally by the monitoring well network and CPT borings, with the exception of MTBE to the southwest and southeast (Figures 4 though 6). The vertical extent of hydrocarbons in groundwater has been delineated in the northwestern portion of the plume (800 Harrison), but not downgradient.

Concentrations of TPHg, BTEX, and MTBE exceeded the CRWQCB ESLs for groundwater as a current or potential drinking water resource for several wells located at the subject sites.

Based on the results of the 2009 SCM, metals in groundwater appear to be below appropriate ESLs; however, groundwater analysis for metals and SVOCs in the areas of the former waste oil tanks and the clarifier (MW-1 at 800 Harrison, MW-2 at 726 Harrison, and MW-3 at 706 Harrison) is recommended. Analysis for ethanol at 800 Harrison Street should be discontinued. Based on a discussion and email communication with Ms. Donna Drogos on April 6, 2010, these changes will be implemented during the third quarter 2010.

WASTE DISPOSAL SUMMARY

The disposal methods for purged groundwater generated during semi-annual monitoring and sampling are reported in TRC's monitoring report, ASE's monitoring report, and CRA's monitoring report. Waste disposal at 800 Harrison, 726 Harrison, and 706 Harrison is the responsibility of TRC, ASE, and CRA, respectively.

RECENT SUBMITTALS/CORRESPONDENCE

Submitted by Stantec*, Quarterly Status Summary Report Third Quarter 2009*, dated October 15, 2009.

Work Completed (First Quarter 2010)

- Conducted coordinated first quarter 2010 groundwater monitoring and sampling activities.

Work Planned (Second and Third Quarter 2010)

- ConocoPhillips and Stantec are working with representatives of the adjoining former Shell and ARCO sites to enter into a commingled plume agreement to remediate the three sites as efficiently and cooperatively as possible.

- Conduct coordinated third quarter 2010 groundwater monitoring and sampling activities.

LIMITATIONS

This report was prepared in accordance with the scope of work outlined in Stantec's contract with ConocoPhillips Company dated October 1, 2007 and with generally accepted professional environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of the joint claimants, namely, ConocoPhillips, Mr. Bo Gin, and Mr. Peter Yee, for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. No other warranties, expressed or implied, are made by Stantec.

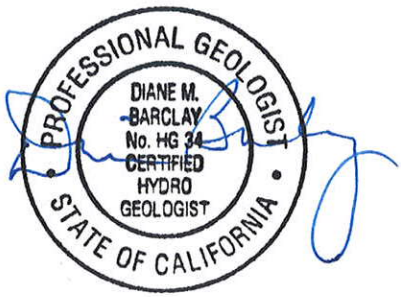
Prepared By:

Laura Shook
Geologic Associate

Information, conclusions, and recommendations provided by Stantec in this document have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Name: Diane Barclay, C.H.G.
Principal Geologist

Signature:



Date: April 15, 2010

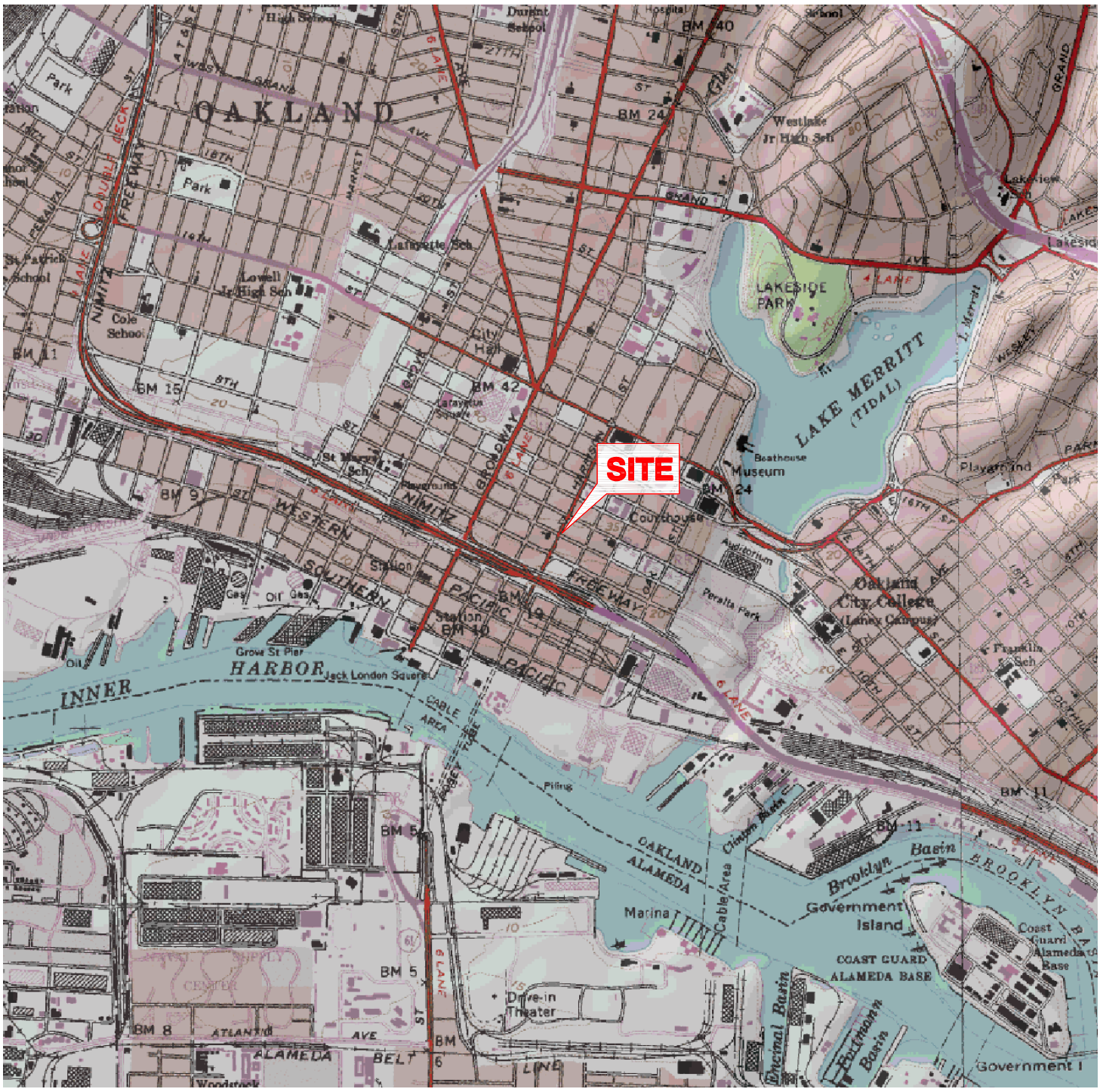
Stamp:

CC. Ms. Shelby Lathrop (via electronic upload to Livelink)
Mr. Robert Foss, Conestoga-Rovers & Associates (via bfoss@CRAworld.com)
Mr. Robert Kitay, Aqua Science Engineers Inc. (via Kitay@aquascienceengineers.com

Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Groundwater Elevation Contour Map
Figure 4 Dissolved Phase TPPH Isoconcentration Map
Figure 5 Dissolved Phase Benzene Isoconcentration Map
Figure 6 Dissolved Phase MTBE Isoconcentration Map

Attachment 1: TRC's Semi-Annual Monitoring Report, October 2009 through March 2010
Attachment 2: ASE's First Quarter 2010 Data
Attachment 3: CRA's First Quarter 2010 Data

FIGURES



1 1/2 0 1

SCALE (MILES)

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, OAKLAND EAST, CALIFORNIA

Stantec

FOR:		SITE LOCATION MAP		FIGURE:
UNOCAL NO. 0752/YEE/GIN COMMINGLED 800/726/706 HARRISON STREET OAKLAND, CALIFORNIA				1
JOB NUMBER: 211402813	DRAWN BY: MDR	CHECKED BY: LS	APPROVED BY: DB	DATE: 03/05/10

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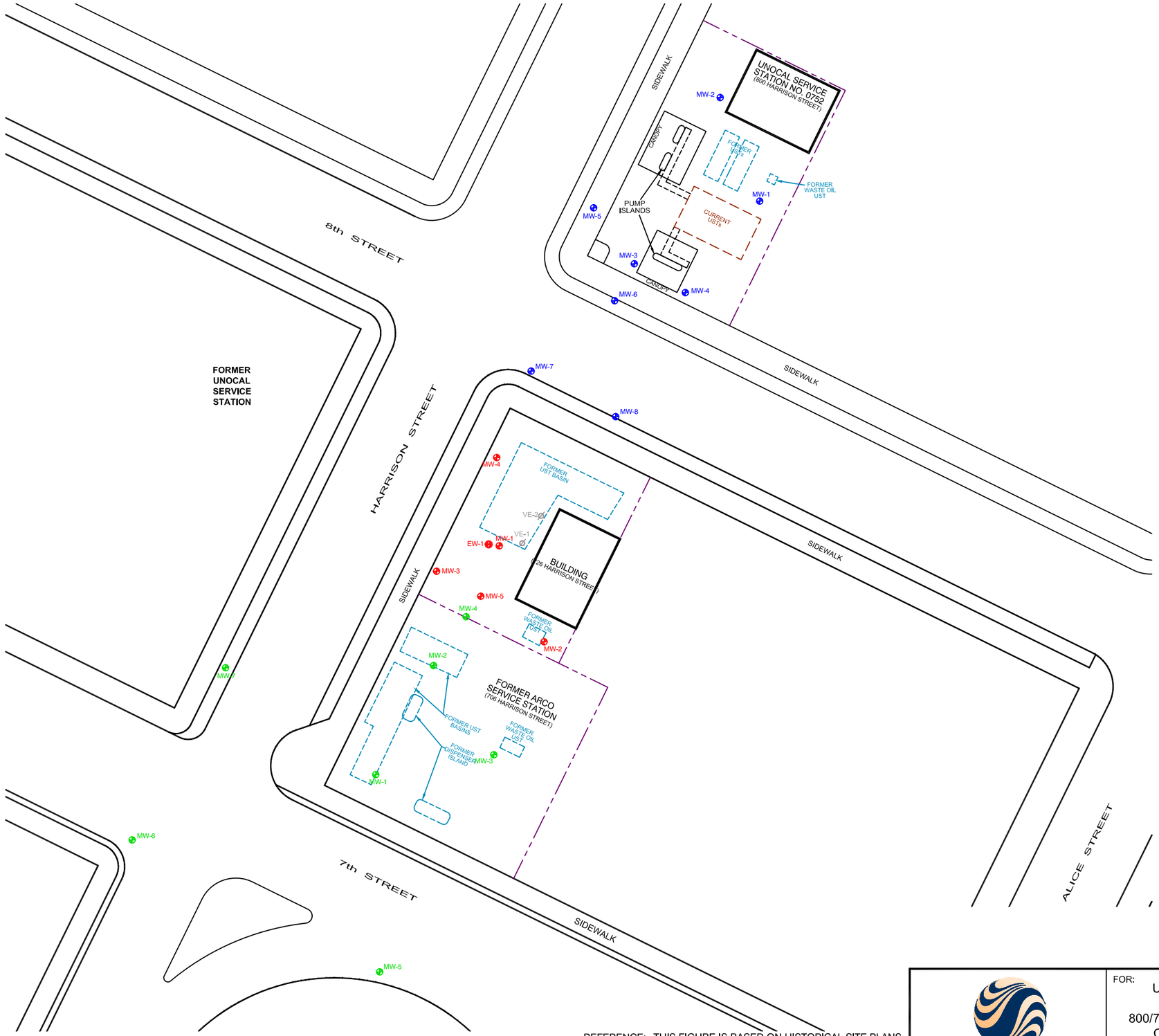


LEGEND:

- GROUNDWATER MONITORING WELL LOCATION (UNOCAL SITE)
- GROUNDWATER MONITORING WELL LOCATION (YEE SITE)
- GROUNDWATER MONITORING WELL LOCATION (GIN SITE)

N

0 50 100

APPROXIMATE SCALE IN FEET

REFERENCE: THIS FIGURE IS BASED ON HISTORICAL SITE PLANS PROVIDED BY PREVIOUS CONSULTANTS, AN IMAGE FROM GOOGLE MAPS, AND SURVEY DATA PROVIDED BY MID COAST ENGINEERS (2009).

Stantec

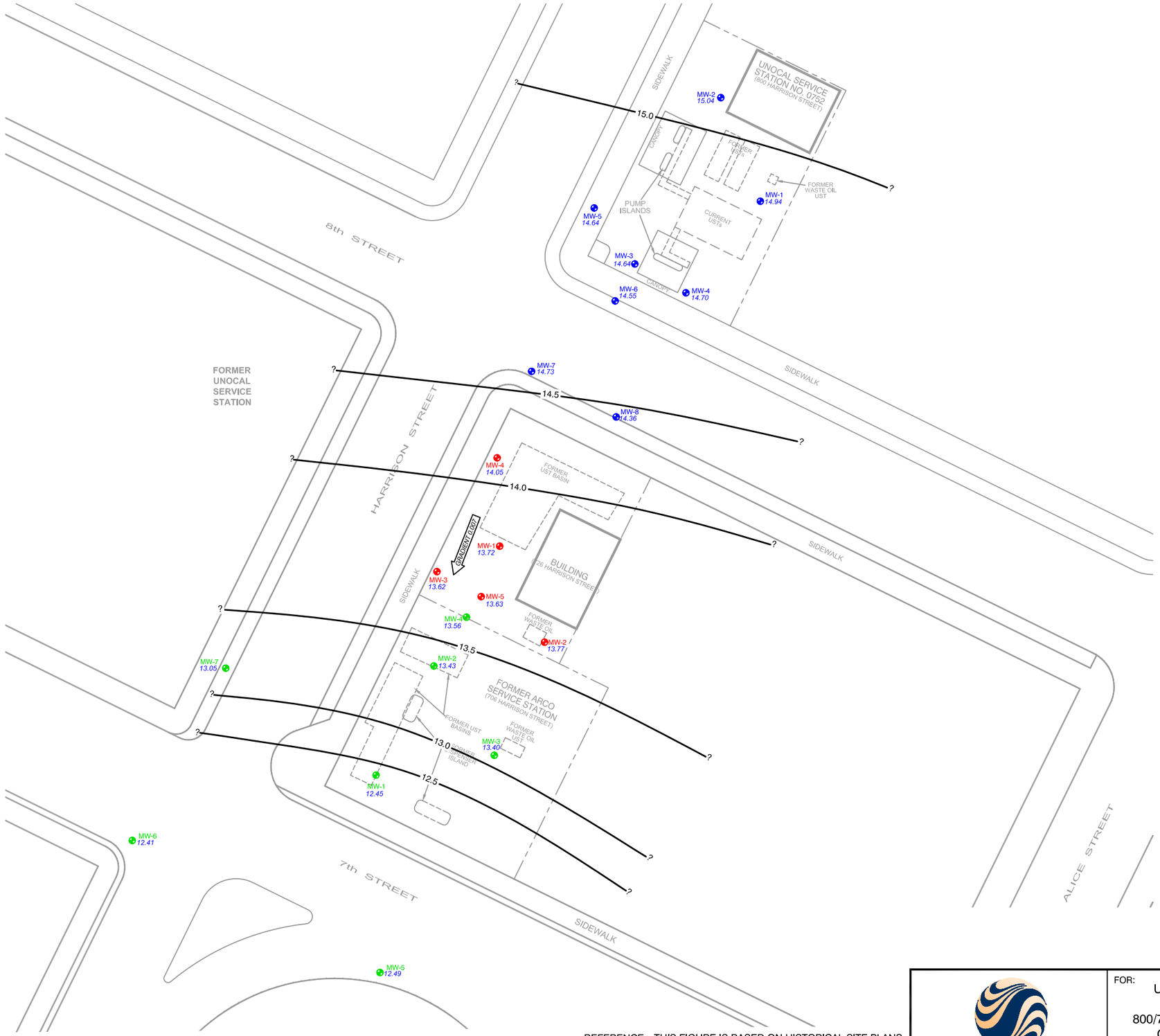
FOR: UNOCAL #0752/YEE/GIN COMMINGLED 800/726/706 HARRISON STREET OAKLAND, CALIFORNIA

SITE PLAN

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211402813	STA/MDR	DB	DB	03/05/10

FILEPATH:M:\ConocoPhillips\0752\FIG-2 SITE PLAN (2009).dwg | Layout Tab: 11X17L | Drafter: miramirez | Mar 05, 2010 at 10:20



LEGEND:

- GROUNDWATER MONITORING WELL LOCATION (UNOCAL SITE)
- GROUNDWATER MONITORING WELL LOCATION (YEE SITE)
- GROUNDWATER MONITORING WELL LOCATION (GIN SITE)
- GRADIENT — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- 14.5 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MEAN SEA LEVEL)
- 14.70 — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)

N

0 50 100

APPROXIMATE SCALE IN FEET

REFERENCE: THIS FIGURE IS BASED ON HISTORICAL SITE PLANS PROVIDED BY PREVIOUS CONSULTANTS, AN IMAGE FROM GOOGLE MAPS, AND SURVEY DATA PROVIDED BY MID COAST ENGINEERS (2009).

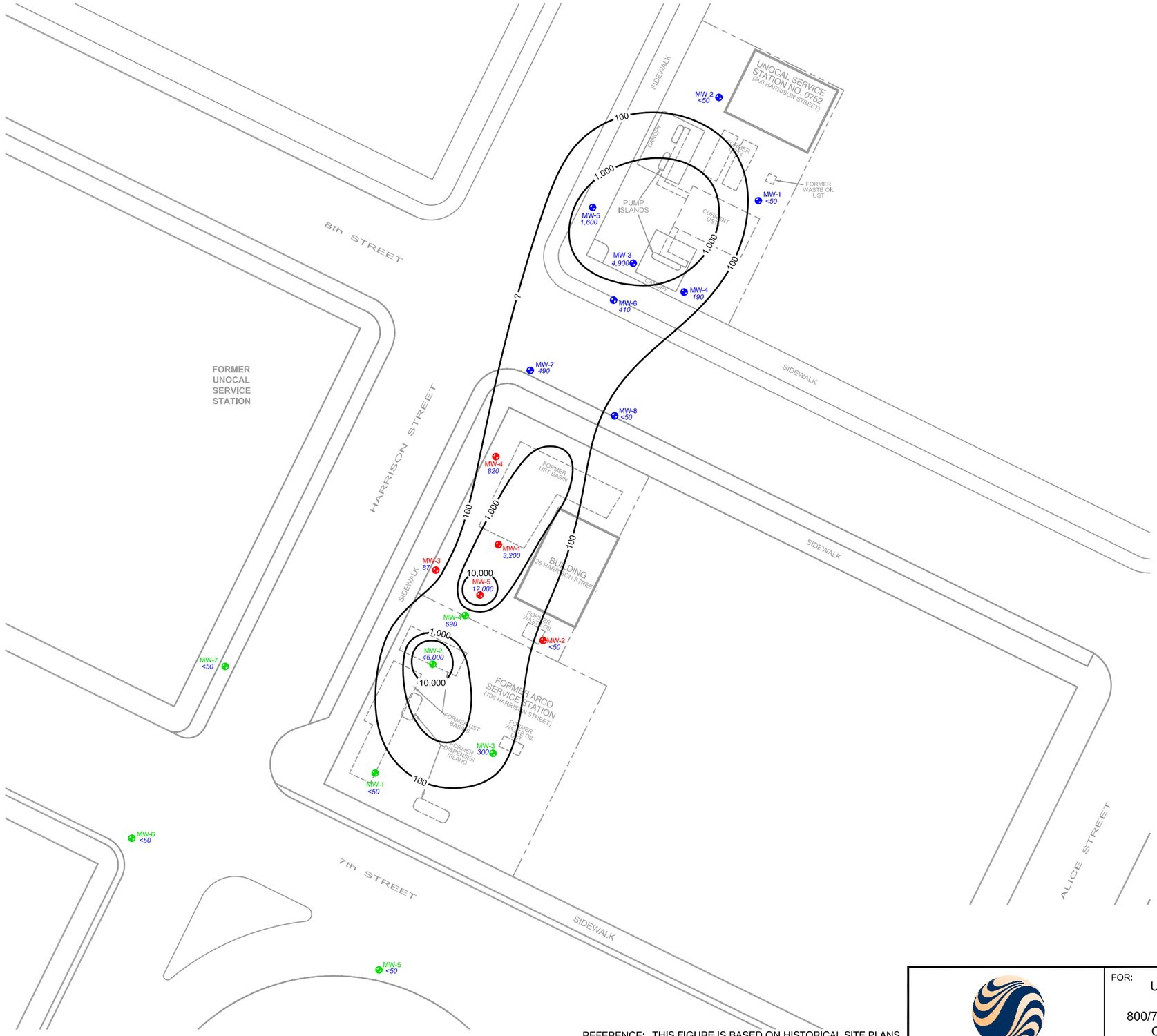
Stantec

FOR: UNOCAL #0752/YEE/GIN COMMINGLED
800/726/706 HARRISON STREET
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP JANUARY 25, 2010

FIGURE: **3**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211402813	STA/MDR	LS	DB	03/05/10



LEGEND:

- GROUNDWATER MONITORING WELL LOCATION (UNOCAL SITE)
- GROUNDWATER MONITORING WELL LOCATION (YEE SITE)
- GROUNDWATER MONITORING WELL LOCATION (GIN SITE)
- *100* TPPH CONCENTRATION CONTOUR (µg/L)
- *300* TPPH CONCENTRATION (µg/L)
- *TPPH* TOTAL PURGEABLE PETROLEUM HYDROCARBONS
- *µg/L* MICROGRAMS PER LITER

N

0 50 100

APPROXIMATE SCALE IN FEET

REFERENCE: THIS FIGURE IS BASED ON HISTORICAL SITE PLANS PROVIDED BY PREVIOUS CONSULTANTS, AN IMAGE FROM GOOGLE MAPS, AND SURVEY DATA PROVIDED BY MID COAST ENGINEERS (2009).

Stantec

FOR: UNOCAL #0752/YEE/GIN COMMINGLED
800/726/706 HARRISON STREET
OAKLAND, CALIFORNIA

DISSOLVED PHASE TPPH ISOCONCENTRATION MAP FIRST QUARTER 2010

FIGURE: **4**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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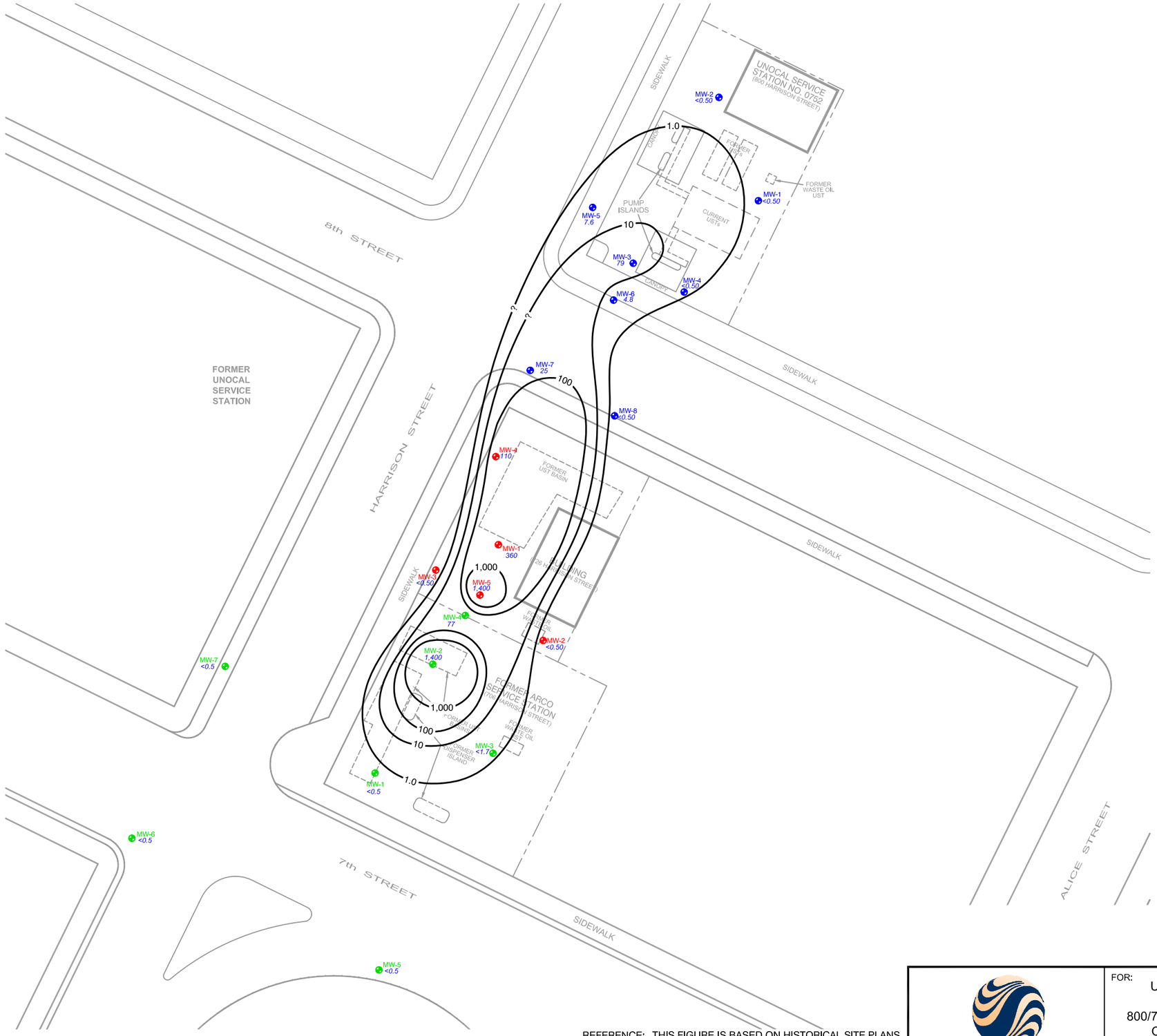

LEGEND:

- GROUNDWATER MONITORING WELL LOCATION (UNOCAL SITE)
- GROUNDWATER MONITORING WELL LOCATION (YEE SITE)
- GROUNDWATER MONITORING WELL LOCATION (GIN SITE)
- *100* BENZENE CONCENTRATION CONTOUR (µg/L)
- *110* BENZENE CONCENTRATION (µg/L)
- µg/L MICROGRAMS PER LITER

N

0 50 100

APPROXIMATE SCALE IN FEET

REFERENCE: THIS FIGURE IS BASED ON HISTORICAL SITE PLANS PROVIDED BY PREVIOUS CONSULTANTS, AN IMAGE FROM GOOGLE MAPS, AND SURVEY DATA PROVIDED BY MID COAST ENGINEERS (2009).

Stantec

FOR: UNOCAL #0752/YEE/GIN COMMINGLED
800/726/706 HARRISON STREET
OAKLAND, CALIFORNIA

DISSOLVED PHASE BENZENE ISOCONCENTRATION MAP FIRST QUARTER 2010

FIGURE: **5**

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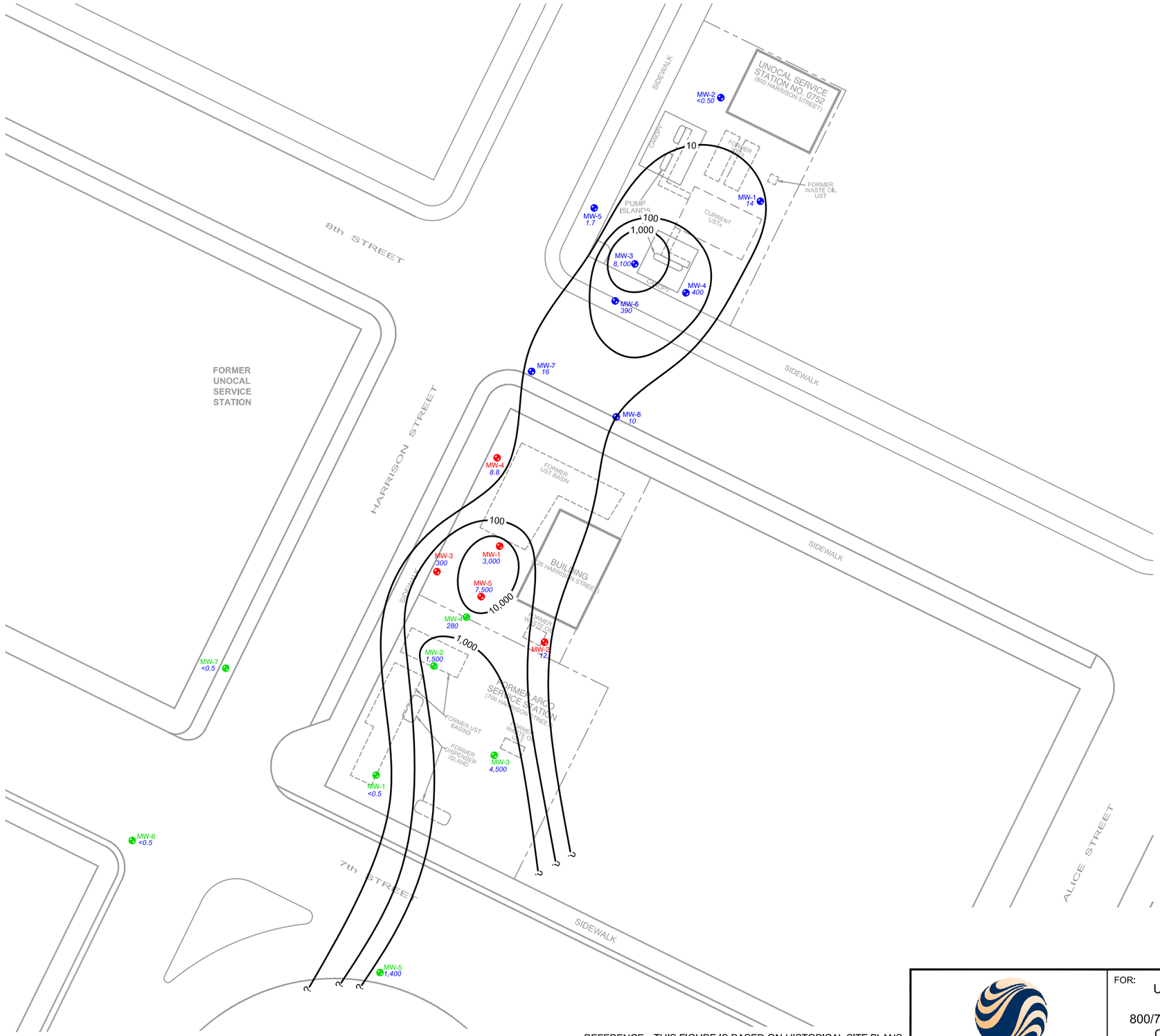


LEGEND:

- GROUNDWATER MONITORING WELL LOCATION (UNOCAL SITE)
- GROUNDWATER MONITORING WELL LOCATION (YEE SITE)
- GROUNDWATER MONITORING WELL LOCATION (GIN SITE)
- *100* MTBE CONCENTRATION CONTOUR (µg/L)
- *400* MTBE CONCENTRATION (µg/L)
- *MTBE* METHYL TERITARY BUTYL ETHER
- µg/L MICROGRAMS PER LITER

N

0 50 100

APPROXIMATE SCALE IN FEET

REFERENCE: THIS FIGURE IS BASED ON HISTORICAL SITE PLANS PROVIDED BY PREVIOUS CONSULTANTS, AN IMAGE FROM GOOGLE MAPS, AND SURVEY DATA PROVIDED BY MID COAST ENGINEERS (2009).

Stantec

FOR: UNOCAL #0752/YEE/GIN COMMINGLED 800/726/706 HARRISON STREET OAKLAND, CALIFORNIA

DISSOLVED PHASE MTBE ISOCONCENTRATION MAP FIRST QUARTER 2010

FIGURE: **6**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211402813	STA/MDR	LS	DB	03/05/10

FILEPATH:M:\ConocoPhillips\0752\AUTOPOST 2010\1st Qtr\FIG-6 MTBE ISO.dwg | Layout Tab: 11X17L | Drafter: miramirez | Apr 07, 2010 at 10:17

ATTACHMENT 1
TRC'S SEMI-ANNUAL MONITORING REPORT
OCTOBER 2009 THROUGH MARCH 2010

Quarterly Status Summary Report – First Quarter 2010
800, 726, and 706 Harrison Street
Oakland, California

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: February 26, 2010

TO: Stantec
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

ATTN: MS. DIANE BARCLAY

SITE: 76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
OCTOBER 2009 THROUGH MARCH 2010

This Semi-Annual Monitoring Report for 76 Station 0752 is being sent to you for your review and comment. If no comments are received by **March 5, 2010,** copies of this report will be sent to you for distribution

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

Sincerely,

TRC

Daniel Lee
Technical Writer

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: February 26, 2010

TO: ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MS. SHELBY LATHROP

SITE: 76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

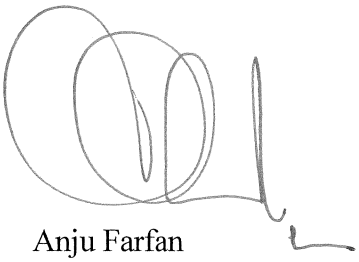
RE: SEMI-ANNUAL MONITORING REPORT
OCTOBER 2009 THROUGH MARCH 2010

Dear Ms. Lathrop,

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 0752, located at 800 Harrison Street, Oakland, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC



Anju Farfan
Groundwater Program Operations Manager

CC: Ms. Diane Barclay, Stantec (2 copies)

Enclosures
20-0400/0752R14.QMS

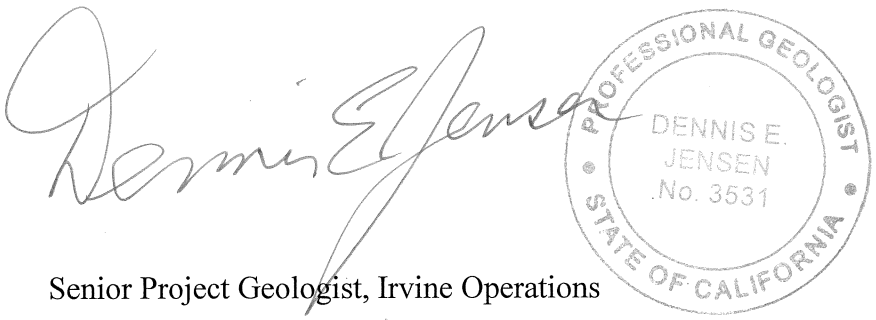
SEMI-ANNUAL MONITORING REPORT
OCTOBER 2009 THROUGH MARCH 2010

76 STATION 0752
800 Harrison Street
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 2/26/10

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results Table 2c: Additional Historic Analytical Results
Coordinated Event Data	Former Arco Station Table 2: Groundwater Elevation and Analytical Data
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 Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 1/25/10 Groundwater Sampling Field Notes – 1/25/10
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2009 through March 2010
76 Station 0752
800 Harrison Street
Oakland, CA

Project Coordinator: **Shelby Lathrop** Water Sampling Contractor: ***TRC***
Telephone: **916-558-7609** Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **1/25/2010**

Sample Points

Groundwater wells: **4** onsite, **4** offsite Points gauged: **8** Points sampled: **8**
Purging method: **Submersible pump/bailer**
Purge water disposal: **Crosby and Overton treatment facility**
Other Sample Points: **0** Type: **--**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **17.49 feet** Maximum: **19.78 feet**
Average groundwater elevation (relative to available local datum): **14.70 feet**
Average change in groundwater elevation since previous event: **0.43 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.006 ft/ft, southwest**
Previous event: **0.03 ft/ft, southwest (8/3/2009)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **4** Sample Points above MCL (1.0 µg/l): **4**
Maximum reported benzene concentration: **79 µg/l (MW-3)**

Sample Points with **TPH-G by GC/MS** **5** Maximum: **4,900 µg/l (MW-3)**
Sample Points with **MTBE 8260B** **7** Maximum: **8,100 µg/l (MW-3)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)
D	=	duplicate
P	=	no-purge sample

ANALYTES

DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 0752 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 0752

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 1a	Well/ Date	Ethanol (8260B)											

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Total Oil and Grease	Chloroform	Tetrachloro-ethene (PCE)	Trichloro-ethene (TCE)
Table 2b	Well/ Date	Cadmium (dissolved)	Calcium	Chromium (total)	Iron (total)	Lead (total)	Manganese (dissolved)	Nickel (total)	Zinc (dissolved)	Nitrate	Sulfate	Alkalinity (bicarb.)	BOD
Table 2c	Well/ Date	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen										

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 25, 2010

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1			**(Screen Interval in feet: 13.5-33.5)**											
1/25/2010	34.72	19.78	0.00	14.94	0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
MW-2			**(Screen Interval in feet: 15-33)**											
1/25/2010	34.74	19.70	0.00	15.04	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3			**(Screen Interval in feet: 15-33)**											
1/25/2010	33.18	18.54	0.00	14.64	0.40	--	4900	79	7.3	5.4	13	--	8100	
MW-4			**(Screen Interval in feet: 15-33)**											
1/25/2010	32.72	18.02	0.00	14.70	0.42	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	400	
MW-5			**(Screen Interval in feet: 15-32)**											
1/25/2010	32.98	18.34	0.00	14.64	0.31	--	1600	7.6	3.6	2.4	15	--	1.7	
MW-6			**(Screen Interval in feet: 15-32)**											
1/25/2010	32.19	17.64	0.00	14.55	0.40	--	410	4.8	0.63	ND<0.50	1.4	--	390	
MW-7			**(Screen Interval in feet: 13-33)**											
1/25/2010	32.22	17.49	0.00	14.73	0.82	--	490	25	3.5	0.54	6.9	--	16	
MW-8			**(Screen Interval in feet: 11-29)**											
1/25/2010	32.03	17.67	0.00	14.36	0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Ethanol (8260B) (µg/l)
MW-1	
1/25/2010	ND<250
MW-2	
1/25/2010	ND<250
MW-3	
1/25/2010	ND<250
MW-4	
1/25/2010	ND<250
MW-5	
1/25/2010	ND<250
MW-6	
1/25/2010	ND<250
MW-7	
1/25/2010	ND<250
MW-8	
1/25/2010	ND<250

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through January 2010

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1			**(Screen Interval in feet: 13.5-33.5)**											
6/5/1991	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/30/1991	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/30/1991	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
4/2/1992	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/30/1992	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/15/1992	34.94	--	--	--	--	76	--	1.0	ND	ND	ND	--	--	
12/21/1992	34.94	21.17	0.00	13.77	--	95	--	0.69	ND	ND	1.0	--	--	
4/28/1993	34.94	--	--	--	--	920	--	3.1	2.3	1.2	9.7	--	--	
7/23/1993	34.94	20.13	0.00	14.81	--	ND	--	0.5	0.66	ND	ND	--	--	
10/5/1993	34.69	20.30	0.00	14.39	-0.42	92	--	1.5	ND	ND	0.72	--	--	
1/3/1994	34.69	20.52	0.00	14.17	-0.22	ND	--	ND	ND	ND	ND	--	--	
4/2/1994	34.69	20.16	0.00	14.53	0.36	ND	--	ND	ND	ND	ND	--	--	
7/5/1994	34.69	19.27	0.00	15.42	0.89	250	--	4.8	13	1.2	7.3	--	--	
10/6/1994	34.69	20.87	0.00	13.82	-1.60	540	--	1.4	ND	0.66	11	--	--	
1/2/1995	34.69	19.67	0.00	15.02	1.20	140	--	ND	ND	ND	ND	--	--	
4/3/1995	34.69	17.61	0.00	17.08	2.06	580	--	3.6	0.8	ND	4.0	--	--	
7/14/1995	34.69	18.58	0.00	16.11	-0.97	260	--	2.1	ND	ND	1.2	--	--	
10/10/1995	34.69	19.60	0.00	15.09	-1.02	220	--	2.0	ND	25	5.6	29	--	
1/3/1996	34.69	19.69	0.00	15.00	-0.09	190	--	2.4	ND	0.71	1.2	--	--	
4/10/1996	34.69	17.65	0.00	17.04	2.04	540	--	8.9	1.7	1.5	7.4	50	--	
7/9/1996	34.69	18.52	0.00	16.17	-0.87	490	--	3.0	1.4	1.3	2.5	150	--	
1/24/1997	34.69	17.72	0.00	16.97	0.80	760	--	27	0.89	5.2	10	510	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
7/23/1997	34.69	19.42	0.00	15.27	-1.70	ND	--	ND	ND	ND	ND	550	--	
1/26/1998	34.69	17.46	0.00	17.23	1.96	1800	--	ND	ND	ND	ND	4800	--	
7/3/1998	34.69	18.61	0.00	16.08	-1.15	ND	--	ND	ND	ND	ND	1800	--	
1/14/1999	34.69	18.92	0.00	15.77	-0.31	83	--	ND	ND	ND	ND	230	--	
7/15/1999	34.69	17.84	0.00	16.85	1.08	110	--	ND	ND	ND	1.0	290	--	
1/7/2000	34.69	19.13	0.00	15.56	-1.29	ND	--	ND	ND	ND	ND	260	--	
7/19/2000	34.69	20.27	0.00	14.42	-1.14	ND	--	ND	ND	ND	ND	648	--	
1/2/2001	34.69	20.04	0.00	14.65	0.23	ND	--	ND	ND	ND	ND	119	--	
5/23/2001	34.69	18.27	0.00	16.42	1.77	84	--	ND	ND	ND	ND	760	--	
7/30/2001	34.69	18.56	0.00	16.13	-0.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	350	--	
10/15/2001	34.69	18.72	0.00	15.97	-0.16	96	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	160	--	
1/14/2002	34.69	16.78	0.00	17.91	1.94	450	--	ND<2.5	ND<2.5	ND<2.5	3.3	4100	--	
4/15/2002	34.69	17.35	0.00	17.34	-0.57	ND<1000	--	ND<10	ND<10	ND<10	ND<10	10000	--	
7/15/2002	34.69	17.63	0.00	17.06	-0.28	2100	--	ND<10	ND<10	ND<10	ND<20	--	2100	
1/18/2003	34.69	17.04	0.00	17.65	0.59	ND<25000	--	ND<250	ND<250	ND<250	ND<500	--	29000	
7/11/2003	34.69	17.91	0.00	16.78	-0.87	4000	--	ND<25	ND<25	ND<25	ND<50	--	6300	
2/4/2004	34.69	17.98	0.00	16.71	-0.07	--	8000	ND<50	ND<50	ND<50	ND<100	--	8500	
8/11/2004	34.69	17.84	0.00	16.85	0.14	--	1100	ND<10	ND<10	ND<10	ND<20	--	1500	
3/31/2005	34.69	15.71	0.00	18.98	2.13	--	ND<2000	ND<0.50	ND<0.50	0.54	2.2	--	4900	
9/30/2005	34.69	17.65	0.00	17.04	-1.94	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
3/27/2006	34.69	15.03	0.00	19.66	2.62	--	760	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1000	
9/27/2006	34.69	18.45	0.00	16.24	-3.42	--	170	ND<0.50	ND<0.50	ND<0.50	0.61	--	73	
3/27/2007	34.69	18.84	0.00	15.85	-0.39	--	120	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	99	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
9/28/2007	34.69	19.73	0.00	14.96	-0.89	--	68	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	15	
3/26/2008	34.69	19.32	0.00	15.37	0.41	--	200	ND<0.50	ND<0.50	ND<0.50	1.0	--	47	
7/28/2008	34.69	20.15	0.00	14.54	-0.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.7	
1/26/2009	34.69	20.74	0.00	13.95	-0.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.2	
8/3/2009	34.69	20.10	0.00	14.59	0.64	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12	
1/25/2010	34.72	19.78	0.00	14.94	0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
MW-2			**(Screen Interval in feet: 15-33)**											
6/5/1991	34.97	--	--	--	--	49	--	ND	ND	ND	ND	--	--	
9/30/1991	34.97	--	--	--	--	130	--	18	0.53	14	9.6	--	--	
12/30/1991	34.97	--	--	--	--	91	--	16	0.89	11	1.9	--	--	
4/2/1992	34.97	--	--	--	--	88	--	12	0.32	6.3	7.2	--	--	
6/30/1992	34.97	--	--	--	--	76	--	9.3	0.76	4.8	6.9	--	--	
9/15/1992	34.97	--	--	--	--	1300	--	91	5.7	80	110	--	--	
12/21/1992	34.97	20.85	0.00	14.12	--	960	--	97	3.2	74	96	--	--	
4/28/1993	34.97	--	--	--	--	1300	--	76	1.9	130	87	--	--	
7/23/1993	34.97	19.81	0.00	15.16	--	66	--	1.8	ND	2.5	2.0	--	--	
10/5/1993	34.72	19.95	0.00	14.77	-0.39	120	--	12	ND	2.1	12	--	--	
1/3/1994	34.72	20.21	0.00	14.51	-0.26	260	--	25	ND	5.5	26	--	--	
4/2/1994	34.72	19.88	0.00	14.84	0.33	ND	--	0.65	ND	ND	0.99	--	--	
7/5/1994	34.72	19.07	0.00	15.65	0.81	160	--	16	ND	0.73	10	--	--	
10/6/1994	34.72	20.55	0.00	14.17	-1.48	170	--	15	ND	1.4	11	--	--	
1/2/1995	34.72	19.25	0.00	15.47	1.30	190	--	27	ND	0.95	11	--	--	
4/3/1995	34.72	17.49	0.00	17.23	1.76	2400	--	65	6.6	19	63	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
7/14/1995	34.72	18.30	0.00	16.42	-0.81	750	--	270	ND	ND	13	--	--	
10/10/1995	34.72	19.25	0.00	15.47	-0.95	50	--	1.6	ND	ND	ND	200	--	
1/3/1996	34.72	19.40	0.00	15.32	-0.15	ND	--	ND	ND	ND	ND	--	--	
4/10/1996	34.72	17.35	0.00	17.37	2.05	300	--	42	ND	2.4	9	620	--	
7/9/1996	34.72	18.22	0.00	16.50	-0.87	760	--	230	ND	1.3	2.4	1500	--	
1/24/1997	34.72	17.59	0.00	17.13	0.63	2900	--	400	350	190	720	1300	--	
7/23/1997	34.72	19.13	0.00	15.59	-1.54	ND	--	ND	ND	ND	ND	65	--	
1/26/1998	34.72	17.12	0.00	17.60	2.01	ND	--	ND	ND	ND	0.58	13	--	
7/3/1998	34.72	18.20	0.00	16.52	-1.08	140	--	26	ND	0.95	5.0	330	--	
1/14/1999	34.72	18.56	0.00	16.16	-0.36	ND	--	0.54	ND	ND	ND	350	--	
7/15/1999	34.72	17.39	0.00	17.33	1.17	ND	--	0.88	ND	ND	ND	39	--	
1/7/2000	34.72	18.78	0.00	15.94	-1.39	ND	--	ND	ND	ND	ND	24	--	
7/19/2000	34.72	19.68	0.00	15.04	-0.90	ND	--	1.45	ND	ND	ND	117	--	
1/2/2001	34.72	19.73	0.00	14.99	-0.05	ND	--	ND	ND	ND	ND	11.4	--	
5/23/2001	34.72	18.16	0.00	16.56	1.57	ND	--	ND	ND	ND	ND	33	--	
7/30/2001	34.72	18.34	0.00	16.38	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	67	--	
10/15/2001	34.72	18.52	0.00	16.20	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	31	--	
1/14/2002	34.72	16.72	0.00	18.00	1.80	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.56	11	--	
4/15/2002	34.72	17.26	0.00	17.46	-0.54	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	--	
7/15/2002	34.72	17.46	0.00	17.26	-0.20	270	--	21	ND<0.50	3.8	4.0	--	73	
1/18/2003	34.72	16.93	0.00	17.79	0.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
7/11/2003	34.72	17.68	0.00	17.04	-0.75	130	--	3.0	ND<0.50	ND<0.50	ND<1.0	--	89	
2/4/2004	34.72	17.36	0.00	17.36	0.32	--	61	2.9	ND<0.50	ND<0.50	ND<1.0	--	22	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
8/11/2004	34.72	17.61	0.00	17.11	-0.25	--	140	ND<0.50	0.60	ND<0.50	ND<1.0	--	94	
3/31/2005	34.72	15.56	0.00	19.16	2.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
9/30/2005	34.72	17.31	0.00	17.41	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.1	
3/27/2006	34.72	14.91	0.00	19.81	2.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
9/27/2006	34.72	18.15	0.00	16.57	-3.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7.7	
3/27/2007	34.72	18.57	0.00	16.15	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.4	
9/28/2007	34.72	18.38	0.00	16.34	0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/26/2008	34.72	19.06	0.00	15.66	-0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/28/2008	34.72	19.90	0.00	14.82	-0.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/26/2009	34.72	20.50	0.00	14.22	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/3/2009	34.72	19.92	0.00	14.80	0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/25/2010	34.74	19.70	0.00	15.04	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3			**(Screen Interval in feet: 15-33)**											
6/5/1991	33.39	--	--	--	--	5800	--	1200	40	140	97	--	--	
9/30/1991	33.39	--	--	--	--	6800	--	1400	130	290	240	--	--	
12/30/1991	33.39	--	--	--	--	7200	--	2100	690	410	550	--	--	
4/2/1992	33.39	--	--	--	--	8000	--	1400	200	300	310	--	--	
6/30/1992	33.39	--	--	--	--	8900	--	1900	210	430	550	--	--	
9/15/1992	33.39	--	--	--	--	10000	--	1900	330	400	580	--	--	
12/21/1992	33.39	20.02	0.00	13.37	--	8500	--	1500	150	310	330	--	--	
4/28/1993	33.39	--	--	--	--	2600	--	220	7.6	41	27	--	--	
7/23/1993	33.39	19.00	0.00	14.39	--	4400	--	660	26	160	82	--	--	
10/5/1993	33.14	19.20	0.00	13.94	-0.45	9200	--	720	88	140	140	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
1/3/1994	33.14	19.40	0.00	13.74	-0.20	4900	--	830	100	170	150	--	--	
4/2/1994	33.14	19.01	0.00	14.13	0.39	6000	--	800	30	140	110	--	--	
7/5/1994	33.14	18.14	0.00	15.00	0.87	25000	--	ND	ND	ND	ND	--	--	
10/6/1994	33.14	19.73	0.00	13.41	-1.59	49000	--	1300	200	280	300	--	--	
1/2/1995	33.14	18.36	0.00	14.78	1.37	480	--	1.6	ND	1.4	ND	--	--	
4/3/1995	33.14	16.38	0.00	16.76	1.98	8100	--	65	ND	ND	ND	--	--	
7/14/1995	33.14	17.49	0.00	15.65	-1.11	ND	--	1300	ND	ND	ND	--	--	
10/10/1995	33.14	18.50	0.00	14.64	-1.01	3100	--	1400	36	50	53	190000	--	
1/3/1996	33.14	18.54	0.00	14.60	-0.04	ND	--	2300	110	150	140	--	--	
7/9/1996	33.14	17.43	0.00	15.71	1.11	ND	--	2000	ND	150	160	140000	--	
1/24/1997	33.14	16.57	0.00	16.57	0.86	540	--	8.0	ND	11	9.9	45	--	
7/23/1997	33.14	18.38	0.00	14.76	-1.81	7400	--	1900	180	140	340	45000	--	
1/26/1998	33.14	16.22	0.00	16.92	2.16	250	--	2.2	1.9	0.87	1.9	4.0	--	
7/3/1998	33.14	17.46	--	15.68	-1.24	230	--	1.8	2.5	1.5	3.4	6.3	--	
1/14/1999	33.14	17.73	--	15.41	-0.27	400	--	8.2	2.7	0.90	5.9	140	--	
7/15/1999	33.14	16.58	--	16.56	1.15	290	--	3.3	3.6	1.7	2.5	13	--	
1/7/2000	33.14	17.84	--	15.30	-1.26	ND	--	890	91	100	480	20000	--	
7/19/2000	33.14	18.92	--	14.22	-1.08	354	--	3.87	2.61	0.646	ND	13.7	--	
1/2/2001	33.14	19.07	--	14.07	-0.15	464	--	ND	3.69	3.91	ND	21.1	--	
5/23/2001	33.14	17.12	--	16.02	1.95	420	--	7.6	3.1	3.0	5.1	1900	--	
7/30/2001	33.14	17.38	--	15.76	-0.26	290	--	4.6	4.1	ND<0.50	3.4	23	--	
10/15/2001	33.14	17.61	--	15.53	-0.23	400	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	13	--	
1/14/2002	33.14	15.53	--	17.61	2.08	130	--	0.50	0.61	1.1	ND<0.50	9.9	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
4/15/2002	33.14	16.12	--	17.02	-0.59	280	--	9.9	1.6	3.3	6.8	1400	--	
7/15/2002	33.14	16.48	--	16.66	-0.36	64	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	33	--	
1/18/2003	33.14	15.81	--	17.33	0.67	420	--	0.54	ND<0.50	ND<0.50	ND<1.0	130	--	
7/11/2003	33.14	16.74	--	16.40	-0.93	--	300	2.3	ND<0.50	ND<0.50	ND<1.0	--	31	
2/4/2004	33.14	16.15	0.00	16.99	0.59	--	130	7.9	ND<0.50	ND<0.50	ND<1.0	--	63	
8/11/2004	33.14	16.64	0.00	16.50	-0.49	--	ND<20000	ND<200	ND<200	ND<200	ND<400	--	20000	
3/31/2005	33.14	14.53	0.00	18.61	2.11	--	ND<20000	330	ND<200	ND<200	ND<400	--	78000	
9/30/2005	33.14	16.55	0.00	16.59	-2.02	--	12000	360	40	ND<25	50	--	20000	
3/27/2006	33.14	13.66	0.00	19.48	2.89	--	10000	150	ND<25	53	99	--	15000	
9/27/2006	33.14	17.40	0.00	15.74	-3.74	--	ND<12000	ND<120	ND<120	ND<120	ND<120	--	12000	
3/27/2007	33.14	17.55	0.00	15.59	-0.15	--	8700	180	ND<12	60	57	--	8900	
9/28/2007	33.14	18.59	0.00	14.55	-1.04	--	9000	55	ND<50	ND<50	ND<50	--	11000	
3/26/2008	33.14	18.19	0.00	14.95	0.40	--	450	13	1.3	0.84	1.4	--	7200	
7/28/2008	33.14	19.00	0.00	14.14	-0.81	--	8300	ND<50	ND<50	ND<50	ND<100	--	13000	
1/26/2009	33.14	19.54	0.00	13.60	-0.54	--	8800	27	ND<12	ND<12	ND<25	--	13000	
8/3/2009	33.14	18.90	0.00	14.24	0.64	--	9300	56	ND<50	ND<50	ND<100	--	8000	
1/25/2010	33.18	18.54	0.00	14.64	0.40	--	4900	79	7.3	5.4	13	--	8100	
MW-4			**(Screen Interval in feet: 15-33)**											
10/19/1992	--	--	--	--	--	480	--	0.51	2.1	2.8	6.8	--	--	
12/21/1992	33.12	19.73	--	13.39	--	220	--	ND	ND	0.97	0.74	--	--	
4/28/1993	33.12	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
7/23/1993	33.12	18.72	--	14.40	--	85	--	ND	ND	ND	ND	--	--	
10/5/1993	32.71	18.74	--	13.97	-0.43	130	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
1/3/1994	32.71	18.93	--	13.78	-0.19	210	--	ND	ND	0.76	1.6	--	--	
4/2/1994	32.71	18.53	--	14.18	0.40	89	--	ND	ND	ND	ND	--	--	
7/5/1994	32.71	17.67	--	15.04	0.86	190	--	ND	ND	ND	ND	--	--	
10/6/1994	32.71	19.25	--	13.46	-1.58	170	--	0.85	ND	ND	0.74	--	--	
1/2/1995	32.71	17.75	--	14.96	1.50	ND	--	ND	ND	ND	ND	--	--	
4/3/1995	32.71	15.87	--	16.84	1.88	98	--	ND	ND	ND	ND	--	--	
7/14/1995	32.71	17.01	--	15.70	-1.14	ND	--	ND	ND	ND	ND	--	--	
10/10/1995	32.71	18.03	--	14.68	-1.02	ND	--	ND	ND	ND	ND	120	--	
1/3/1996	32.71	18.05	--	14.66	-0.02	ND	--	ND	ND	ND	ND	--	--	
4/10/1996	32.71	16.00	--	16.71	2.05	ND	--	ND	ND	ND	ND	240	--	
7/9/1996	32.71	16.96	--	15.75	-0.96	ND	--	ND	ND	ND	ND	480	--	
1/24/1997	32.71	16.04	0.00	16.67	0.92	ND	--	ND	ND	ND	ND	270	--	
7/23/1997	32.71	17.87	0.00	14.84	-1.83	ND	--	ND	ND	ND	ND	460	--	
1/26/1998	32.71	16.05	--	16.66	1.82	ND	--	ND	ND	ND	ND	17	--	
7/3/1998	32.71	16.95	--	15.76	-0.90	ND	--	ND	ND	ND	ND	3.8	--	
1/14/1999	32.71	17.34	--	15.37	-0.39	ND	--	ND	ND	ND	ND	4600	--	
7/15/1999	32.71	16.36	--	16.35	0.98	ND	--	ND	ND	ND	ND	ND	--	
1/7/2000	32.71	17.81	--	14.90	-1.45	ND	--	ND	ND	ND	ND	450	--	
7/19/2000	32.71	18.94	--	13.77	-1.13	ND	--	ND	ND	ND	ND	ND	--	
1/2/2001	32.71	18.85	--	13.86	0.09	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	32.71	16.82	--	15.89	2.03	ND	--	ND	ND	ND	ND	ND	--	
7/30/2001	32.71	16.88	--	15.83	-0.06	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.9	--	
10/15/2001	32.71	17.08	--	15.63	-0.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
1/14/2002	32.71	14.97	--	17.74	2.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30	--	
4/15/2002	32.71	15.48	--	17.23	-0.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	180	--	
7/15/2002	32.71	15.90	--	16.81	-0.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	50	--	
1/18/2003	32.71	15.39	--	17.32	0.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
7/11/2003	32.71	16.17	--	16.54	-0.78	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	52	
2/4/2004	32.71	16.12	0.00	16.59	0.05	--	1300	ND<10	ND<10	ND<10	ND<20	--	1700	
8/11/2004	32.71	16.16	0.00	16.55	-0.04	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	6400	
3/31/2005	32.71	14.15	0.00	18.56	2.01	--	ND<1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1600	
9/30/2005	32.71	16.91	0.00	15.80	-2.76	--	900	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3800	
3/27/2006	32.71	13.94	0.00	18.77	2.97	--	870	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2000	
9/27/2006	32.71	16.91	0.00	15.80	-2.97	--	ND<1000	ND<10	ND<10	ND<10	ND<10	--	1600	
3/27/2007	32.71	17.15	0.00	15.56	-0.24	--	1500	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	1700	
9/28/2007	32.71	18.13	0.00	14.58	-0.98	--	590	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1400	
3/26/2008	32.71	17.66	0.00	15.05	0.47	--	390	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1400	
7/28/2008	32.71	18.34	0.00	14.37	-0.68	--	480	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	950	
1/26/2009	32.71	18.80	0.00	13.91	-0.46	--	500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	830	
8/3/2009	32.71	18.43	0.00	14.28	0.37	--	640	ND<5.0	6.6	ND<5.0	ND<10	--	570	
1/25/2010	32.72	18.02	0.00	14.70	0.42	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	400	
MW-5			**(Screen Interval in feet: 15-32)**											
10/19/1992	--	--	--	--	--	2700	--	61	5.0	100	61	--	--	
12/21/1992	33.25	19.75	--	13.50	--	1700	--	51	4.7	83	34	--	--	
4/28/1993	33.25	--	--	--	--	6700	--	200	190	250	430	--	--	
7/23/1993	33.25	18.74	--	14.51	--	2000	--	122	8.0	68	47	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
10/5/1993	32.95	18.83	--	14.12	-0.39	1700	--	70	6.2	54	40	--	--	
1/3/1994	32.95	19.05	--	13.90	-0.22	1500	--	44	ND	42	46	--	--	
4/2/1994	32.95	18.68	--	14.27	0.37	1800	--	46	5.1	38	35	--	--	
7/5/1994	32.95	17.90	--	15.05	0.78	2200	--	97	8.4	37	36	--	--	
10/6/1994	32.95	19.37	--	13.58	-1.47	1600	--	79	5.7	28	22	--	--	
1/2/1995	32.95	17.92	--	15.03	1.45	1700	--	50	8.6	30	28	--	--	
4/3/1995	32.95	16.15	--	16.80	1.77	5400	--	190	240	170	420	--	--	
7/14/1995	32.95	17.18	--	15.77	-1.03	3800	--	210	100	130	190	--	--	
10/10/1995	32.95	18.15	--	14.80	-0.97	1300	--	92	14	15	39	1100	--	
1/3/1996	32.95	18.20	--	14.75	-0.05	630	--	53	4.4	8.3	13	--	--	
4/10/1996	32.95	16.05	--	16.90	2.15	500	--	25	18	7.0	20	640	--	
7/9/1996	32.95	17.11	--	15.84	-1.06	1000	--	44	20	10	34	150	--	
1/24/1997	32.95	16.36	0.00	16.59	0.75	4000	--	190	400	160	430	600	--	
7/23/1997	32.95	18.08	0.00	14.87	-1.72	1700	--	200	23	18	45	2500	--	
1/26/1998	32.95	16.27	--	16.68	1.81	ND	--	ND	ND	ND	ND	ND	--	
7/3/1998	32.95	17.27	--	15.68	-1.00	ND	--	ND	ND	ND	ND	ND	--	
1/14/1999	32.95	17.55	--	15.40	-0.28	330	--	61	4.1	2.2	2.9	560	--	
7/15/1999	32.95	16.41	--	16.54	1.14	1100	--	170	ND	ND	27	660	--	
1/7/2000	32.95	17.85	--	15.10	-1.44	1000	--	180	6.3	ND	14	430	--	
7/19/2000	32.95	18.87	--	14.08	-1.02	2980	--	289	57.3	65.3	43.4	976	--	
1/2/2001	32.95	18.47	--	14.48	0.40	1150	--	87.2	17.8	7.97	9.32	368	--	
5/23/2001	32.95	17.38	--	15.57	1.09	840	--	42	10	13	7.1	130	--	
7/30/2001	32.95	17.12	--	15.83	0.26	1900	--	82	24	6.9	13	370	--	

Table 2
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
10/15/2001	32.95	17.33	--	15.62	-0.21	26000	--	390	230	58	1300	ND<500	--	
1/14/2002	32.95	15.33	--	17.62	2.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/15/2002	32.95	15.89	--	17.06	-0.56	310	--	20	6.7	11	7.7	77	--	
7/15/2002	32.95	16.21	--	16.74	-0.32	1500	--	40	22	60	28	170	--	
1/18/2003	32.95	15.68	--	17.27	0.53	ND<50	--	0.75	ND<0.50	ND<0.50	ND<1.0	81	--	
7/11/2003	32.95	16.29	--	16.66	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
2/4/2004	32.95	16.08	0.00	16.87	0.21	--	82	16	1.6	0.65	ND<1.0	--	16	
8/11/2004	32.95	16.38	0.00	16.57	-0.30	--	900	81	14	2.8	11	--	120	
3/31/2005	32.95	14.30	0.00	18.65	2.08	--	5000	160	84	65	72	--	140	
9/30/2005	32.95	16.19	0.00	16.76	-1.89	--	1200	26	5.8	2.4	9.2	--	38	
3/27/2006	32.95	13.90	0.00	19.05	2.29	--	1100	13	12	4.7	16	--	8.8	
9/27/2006	32.95	17.06	0.00	15.89	-3.16	--	1300	20	11	2.3	15	--	21	
3/27/2007	32.95	17.43	0.00	15.52	-0.37	--	960	15	7.8	2.2	11	--	14	
9/28/2007	32.95	18.25	0.00	14.70	-0.82	--	1300	13	6.0	2.3	15	--	8.4	
3/26/2008	32.95	17.82	0.00	15.13	0.43	--	1200	7.6	3.3	1.8	11	--	2.7	
7/28/2008	32.95	18.70	0.00	14.25	-0.88	--	2000	12	4.9	3.2	17	--	ND<0.50	
1/26/2009	32.95	19.25	0.00	13.70	-0.55	--	1400	7.4	3.3	2.5	11	--	3.3	
8/3/2009	32.95	18.62	0.00	14.33	0.63	--	1500	17	9.0	3.5	22	--	7.3	
1/25/2010	32.98	18.34	0.00	14.64	0.31	--	1600	7.6	3.6	2.4	15	--	1.7	
MW-6			**(Screen Interval in feet: 15-32)**											
10/19/1992	--	--	--	--	--	3900	--	420	12	60	28	--	--	
12/21/1992	32.42	19.17	--	13.25	--	2300	--	370	11	39	15	--	--	
4/28/1993	32.42	--	--	--	--	1200	--	54	1.5	11	5.3	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
7/23/1993	32.42	18.17	--	14.25	--	580	--	19	0.99	3.4	2.7	--	--	
10/5/1993	32.16	18.35	--	13.81	-0.44	1400	--	34	ND	5.3	7.3	--	--	
1/3/1994	32.16	18.54	--	13.62	-0.19	1400	--	57	ND	8.5	11	--	--	
4/2/1994	32.16	18.15	--	14.01	0.39	5300	--	ND	ND	ND	ND	--	--	
7/5/1994	32.16	17.25	--	14.91	0.90	ND	--	ND	ND	ND	ND	--	--	
10/6/1994	32.16	18.85	--	13.31	-1.60	11000	--	ND	ND	ND	ND	--	--	
1/2/1995	32.16	17.51	--	14.65	1.34	550	--	18	0.92	2.0	1.8	--	--	
4/3/1995	32.16	15.48	--	16.68	2.03	6600	--	ND	ND	ND	ND	--	--	
7/14/1995	32.16	16.63	--	15.53	-1.15	ND	--	ND	ND	ND	ND	--	--	
10/10/1995	32.16	17.68	--	14.48	-1.05	ND	--	81	ND	ND	ND	75000	--	
1/3/1996	32.16	17.66	--	14.50	0.02	70	--	9.9	0.58	ND	0.81	--	--	
4/10/1996	32.16	15.56	--	16.60	2.10	300	--	258	4.7	0.94	2.7	53000	--	
7/9/1996	32.16	16.59	--	15.57	-1.03	1800	--	410	ND	12	ND	76000	--	
1/24/1997	32.16	15.69	0.00	16.47	0.90	ND	--	0.80	ND	ND	ND	390	--	
7/23/1997	32.16	17.53	0.00	14.63	-1.84	5700	--	1100	240	240	700	16000	--	
1/26/1998	32.16	15.44	--	16.72	2.09	ND	--	ND	ND	ND	ND	ND	--	
7/3/1998	32.16	16.58	--	15.58	-1.14	ND	--	ND	ND	ND	ND	ND	--	
1/14/1999	32.16	17.02	--	15.14	-0.44	ND	--	ND	ND	ND	ND	14	--	
7/15/1999	32.16	15.95	--	16.21	1.07	ND	--	ND	ND	ND	ND	2.8	--	
1/7/2000	32.16	16.96	--	15.20	-1.01	78	--	24	ND	0.66	17	280	--	
7/19/2000	32.16	18.04	--	14.12	-1.08	ND	--	ND	1.32	ND	0.974	ND	--	
1/2/2001	32.16	18.10	--	14.06	-0.06	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	32.16	16.42	--	15.74	1.68	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
7/30/2001	32.16	16.49	--	15.67	-0.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
10/15/2001	32.16	16.67	--	15.49	-0.18	ND<50	--	ND<0.50	0.62	ND<0.50	ND<0.50	ND<5.0	--	
1/14/2002	32.16	14.60	--	17.56	2.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/15/2002	32.16	15.07	--	17.09	-0.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.73	ND<5.0	--	
7/15/2002	32.16	15.56	--	16.60	-0.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	--	
1/18/2003	32.16	15.80	--	16.36	-0.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
7/11/2003	32.16	15.74	--	16.42	0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
2/4/2004	32.16	15.49	0.00	16.67	0.25	--	ND<50	2.6	ND<0.50	ND<0.50	ND<1.0	--	2.4	
8/11/2004	32.16	15.81	0.00	16.35	-0.32	--	7900	95	ND<50	ND<50	ND<100	--	9100	
3/31/2005	32.16	13.70	0.00	18.46	2.11	--	ND<5000	2.5	ND<0.50	ND<0.50	ND<1.0	--	7600	
9/30/2005	32.16	15.48	0.00	16.68	-1.78	--	4300	140	37	28	41	--	5800	
3/27/2006	32.16	13.02	0.00	19.14	2.46	--	7200	34	0.66	0.96	18	--	9900	
9/27/2006	32.16	16.56	0.00	15.60	-3.54	--	1800	ND<12	ND<12	ND<12	ND<12	--	3300	
3/27/2007	32.16	16.73	0.00	15.43	-0.17	--	1600	2.8	ND<2.5	ND<2.5	ND<2.5	--	1800	
9/28/2007	32.16	17.75	0.00	14.41	-1.02	--	830	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1600	
3/26/2008	32.16	17.31	0.00	14.85	0.44	--	940	45	5.9	2.0	5.3	--	1300	
7/28/2008	32.16	18.50	0.00	13.66	-1.19	--	500	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	750	
1/26/2009	32.16	18.46	0.00	13.70	0.04	--	570	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	500	
8/3/2009	32.16	18.01	0.00	14.15	0.45	--	800	ND<5.0	ND<5.0	ND<5.0	ND<10	--	690	
1/25/2010	32.19	17.64	0.00	14.55	0.40	--	410	4.8	0.63	ND<0.50	1.4	--	390	
MW-7			**(Screen Interval in feet: 13-33)**											
10/19/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	
4/28/1993	32.49	--	--	--	--	110	--	2.8	1.3	1.4	1.7	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
7/23/1993	32.49	18.60	--	13.89	--	790	--	23	3.3	28	5.4	--	--	
10/5/1993	32.20	18.76	--	13.44	-0.45	360	--	10	1.2	0.91	0.99	--	--	
1/3/1994	32.20	18.91	--	13.29	-0.15	ND	--	0.93	ND	0.75	1.9	--	--	
4/2/1994	32.20	18.50	--	13.70	0.41	360	--	2.0	ND	ND	0.8	--	--	
7/5/1994	32.20	17.52	--	14.68	0.98	ND	--	ND	ND	ND	ND	--	--	
10/6/1994	32.20	19.25	--	12.95	-1.73	340	--	5.6	0.85	ND	1.2	--	--	
1/2/1995	32.20	17.67	--	14.53	1.58	ND	--	ND	ND	ND	ND	--	--	
4/3/1995	32.20	15.81	--	16.39	1.86	570	--	24	ND	3.4	5.8	--	--	
7/14/1995	32.20	17.05	--	15.15	-1.24	ND	--	14	ND	ND	ND	--	--	
10/10/1995	32.20	18.08	--	14.12	-1.03	740	--	170	ND	ND	ND	13000	--	
1/3/1996	32.20	18.02	--	14.18	0.06	360	--	16	1.3	2.7	1.4	--	--	
4/10/1996	32.20	15.81	--	16.39	2.21	120	--	4.1	1.5	ND	0.88	3200	--	
7/9/1996	32.20	16.99	--	15.21	-1.18	ND	--	ND	ND	ND	ND	3400	--	
1/24/1997	32.20	16.08	0.00	16.12	0.91	ND	--	16	ND	ND	ND	6600	--	
7/23/1997	32.20	17.99	0.00	14.21	-1.91	ND	--	16	ND	ND	0.62	10000	--	
1/26/1998	32.20	15.56	--	16.64	2.43	ND	--	ND	ND	ND	0.56	ND	--	
7/3/1998	32.20	17.04	--	15.16	-1.48	ND	--	ND	ND	ND	ND	ND	--	
1/14/1999	32.20	--	--	--	--	--	--	--	--	--	--	--	--	inaccessible-parked car
7/15/1999	32.20	15.72	--	16.48	--	ND	--	ND	ND	ND	ND	290	--	
1/7/2000	32.20	16.80	--	15.40	-1.08	ND	--	7.7	ND	ND	4.4	98	--	
7/19/2000	32.20	17.88	--	14.32	-1.08	ND	--	ND	1.27	ND	0.979	ND	--	
1/2/2001	32.20	17.97	--	14.23	-0.09	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	32.20	16.81	--	15.39	1.16	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
7/30/2001	32.20	16.79	--	15.41	0.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
10/15/2001	32.20	16.98	--	15.22	-0.19	ND<50	--	ND<0.50	0.58	ND<0.50	ND<0.50	ND<5.0	--	
1/14/2002	32.20	14.85	--	17.35	2.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/15/2002	32.20	15.29	--	16.91	-0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.70	ND<5.0	--	
7/15/2002	32.20	15.92	--	16.28	-0.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	--	
1/18/2003	32.20	15.11	--	17.09	0.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
7/11/2003	32.20	15.89	--	16.31	-0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	19	
2/4/2004	32.20	15.90	0.00	16.30	-0.01	--	ND<50	3.6	ND<0.50	ND<0.50	ND<1.0	--	3.2	
8/11/2004	32.20	16.12	0.00	16.08	-0.22	--	ND<5000	120	ND<50	ND<50	ND<100	--	5100	
3/31/2005	32.20	13.99	0.00	18.21	2.13	--	ND<5000	190	ND<50	ND<50	ND<100	--	8400	
9/30/2005	32.20	15.93	0.00	16.27	-1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/27/2006	32.20	13.40	0.00	18.80	2.53	--	2500	160	10	11	26	--	5600	
9/27/2006	32.20	16.96	0.00	15.24	-3.56	--	2800	180	ND<12	15	44	--	4200	
3/27/2007	32.20	17.30	0.00	14.90	-0.34	--	920	66	2.9	3.4	4.5	--	970	
9/28/2007	32.20	18.10	0.00	14.10	-0.80	--	4000	440	15	17	59	--	3300	
3/26/2008	32.20	17.64	0.00	14.56	0.46	--	390	39	3.3	0.85	7.5	--	96	
7/28/2008	32.20	18.50	0.00	13.70	-0.86	--	64	3.3	ND<0.50	ND<0.50	ND<1.0	--	8.7	
1/26/2009	32.20	18.90	0.00	13.30	-0.40	--	80	7.9	0.58	ND<0.50	ND<1.0	--	10	
8/3/2009	32.20	18.29	0.00	13.91	0.61	--	2100	220	14	10	31	--	750	
1/25/2010	32.22	17.49	0.00	14.73	0.82	--	490	25	3.5	0.54	6.9	--	16	
MW-8			**(Screen Interval in feet: 11-29)**											
4/28/1993	32.33	--	--	--	--	450	--	18	1.8	1.8	1.4	--	--	
7/23/1993	32.33	18.45	--	13.88	--	260	--	5.1	ND	0.6	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
10/5/1993	32.00	18.57	--	13.43	-0.45	120	--	1.7	ND	ND	ND	--	--	
1/3/1994	32.00	18.73	--	13.27	-0.16	ND	--	ND	ND	ND	ND	51	--	
4/2/1994	32.00	18.30	--	13.70	0.43	150	--	1.2	ND	ND	ND	--	--	
7/5/1994	32.00	17.41	--	14.59	0.89	730	--	17	ND	1.6	ND	--	--	
10/6/1994	32.00	18.98	--	13.02	-1.57	140	--	ND	ND	ND	ND	--	--	
1/2/1995	32.00	17.58	--	14.42	1.40	440	--	18	0.72	2.0	1.8	--	--	
4/3/1995	32.00	15.54	--	16.46	2.04	960	--	11	ND	ND	ND	--	--	
7/14/1995	32.00	16.81	--	15.19	-1.27	280	--	4.2	2.6	1.1	3.3	--	--	
10/10/1995	32.00	17.85	--	14.15	-1.04	110	--	1.3	0.62	0.67	ND	170	--	
1/3/1996	32.00	17.82	--	14.18	0.03	63	--	ND	0.51	ND	1.8	--	--	
4/10/1996	32.00	15.70	--	16.30	2.12	ND	--	1.1	0.61	ND	ND	60	--	
7/9/1996	32.00	16.78	--	15.22	-1.08	72	--	1.0	ND	ND	ND	140	--	
1/24/1997	32.00	15.79	0.00	16.21	0.99	ND	--	ND	ND	ND	ND	76	--	
7/23/1997	32.00	17.69	0.00	14.31	-1.90	ND	--	ND	ND	ND	ND	270	--	
1/26/1998	32.00	15.50	--	16.50	2.19	ND	--	ND	ND	ND	0.76	2.9	--	
7/3/1998	32.00	16.80	--	15.20	-1.30	ND	--	ND	ND	ND	ND	ND	--	
1/14/1999	32.00	17.13	--	14.87	-0.33	ND	--	ND	ND	ND	ND	11	--	
7/15/1999	32.00	15.85	--	16.15	1.28	ND	--	ND	ND	ND	ND	ND	--	
1/7/2000	32.00	16.94	--	15.06	-1.09	ND	--	ND	ND	ND	ND	11	--	
7/19/2000	32.00	18.06	--	13.94	-1.12	ND	--	ND	2.99	0.521	ND	ND	--	
1/2/2001	32.00	18.12	--	13.88	-0.06	ND	--	ND	ND	ND	ND	ND	--	
5/23/2001	32.00	16.96	--	15.04	1.16	ND	--	ND	ND	ND	ND	ND	--	
7/30/2001	32.00	16.52	--	15.48	0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.7	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through January 2010
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
10/15/2001	32.00	16.72	--	15.28	-0.20	ND<50	--	ND<0.50	0.65	ND<0.50	ND<0.50	ND<5.0	--	
1/14/2002	32.00	14.53	--	17.47	2.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/15/2002	32.00	14.96	--	17.04	-0.43	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
7/15/2002	32.00	15.60	--	16.40	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	11	--	
1/18/2003	32.00	14.78	--	17.22	0.82	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
2/4/2004	32.00	15.65	0.00	16.35	-0.87	--	52	2.3	ND<0.50	ND<0.50	ND<1.0	--	2.4	
8/11/2004	32.00	15.86	0.00	16.14	-0.21	--	350	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	310	
3/31/2005	32.00	13.73	0.00	18.27	2.13	--	ND<2000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2100	
9/30/2005	32.00	15.94	0.00	16.06	-2.21	--	1200	ND<0.50	0.50	ND<0.50	ND<1.0	--	6900	
3/27/2006	32.00	13.13	0.00	18.87	2.81	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	820	
9/27/2006	32.00	16.75	0.00	15.25	-3.62	--	520	ND<5.0	ND<5.0	ND<5.0	8.2	--	870	
3/27/2007	32.00	16.87	0.00	15.13	-0.12	--	1400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3600	
9/28/2007	32.00	17.91	0.00	14.09	-1.04	--	280	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	670	
3/26/2008	32.00	17.45	0.00	14.55	0.46	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	210	
7/28/2008	32.00	18.50	0.00	13.50	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
1/26/2009	32.00	18.65	0.00	13.35	-0.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
8/3/2009	32.00	18.11	0.00	13.89	0.54	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	64	
1/25/2010	32.03	17.67	0.00	14.36	0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Chloroform (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-ethene (TCE) (µg/l)
MW-1												
6/5/1991	47	--	--	--	--	--	--	--	--	7.8	2.9	1.3
9/30/1991	ND	--	--	--	--	--	--	--	--	--	--	--
12/30/1991	ND	--	--	--	--	--	--	--	ND	6.4	2.1	0.9
4/2/1992	94	--	--	--	--	--	--	--	ND	7.1	2.6	1.4
6/30/1992	120	--	--	--	--	--	--	--	ND	9.5	2.2	1.3
9/15/1992	ND	--	--	--	--	--	--	--	--	12	2.2	1.3
12/21/1992	ND	--	--	--	--	--	--	--	--	12	1.4	0.83
4/28/1993	470	--	--	--	1.1	--	--	--	--	12	0.89	0.85
7/23/1993	ND	--	--	--	--	--	--	--	--	16	1.3	0.91
10/5/1993	57	--	--	--	--	--	--	--	--	13	1.3	0.66
1/3/1994	ND	--	--	--	--	--	--	--	--	18	1.4	0.93
4/2/1994	ND	--	--	--	--	--	--	--	--	15	1.1	0.68
7/15/2002	--	ND<5.0	ND<25	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	--	--
1/18/2003	--	--		--	--	--	--	--	--	--	--	--
7/11/2003	--	--	ND<25000	--	--	--	--	--	--	--	--	--
2/4/2004	--	ND<10000	ND<50000	--	--	--	--	--	--	--	--	--
8/11/2004	--	--	ND<1000	--	--	--	--	--	--	--	--	--
3/31/2005	--	--	ND<2000	--	--	--	--	--	--	--	--	--
9/30/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/28/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/26/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
7/28/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Chloroform (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-ethene (TCE) (µg/l)
MW-1 continued												
1/26/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
8/3/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
1/25/2010	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-2												
7/11/2003	--	--	ND<500	--	--	--	--	--	--	--	--	--
2/4/2004	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
8/11/2004	--	--	ND<50	--	--	--	--	--	--	--	--	--
3/31/2005	--	--	ND<50	--	--	--	--	--	--	--	--	--
9/30/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/28/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/26/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
7/28/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
1/26/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
8/3/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
1/25/2010	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-3												
2/4/2004	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
8/11/2004	--	--	ND<20000	--	--	--	--	--	--	--	--	--
3/31/2005	--	--	ND<20000	--	--	--	--	--	--	--	--	--
9/30/2005	--	--	ND<12000	--	--	--	--	--	--	--	--	--
3/27/2006	--	--	ND<12000	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<62000	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Chloroform (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-ethene (TCE) (µg/l)
MW-3 continued												
3/27/2007	--	--	ND<6200	--	--	--	--	--	--	--	--	--
9/28/2007	--	--	ND<25000	--	--	--	--	--	--	--	--	--
3/26/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
7/28/2008	--	--	ND<25000	--	--	--	--	--	--	--	--	--
1/26/2009	--	--	ND<6200	--	--	--	--	--	--	--	--	--
8/3/2009	--	--	ND<25000	--	--	--	--	--	--	--	--	--
1/25/2010	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-4												
1/3/1994	--	--	--	--	--	--	--	--	--	9.0	1.0	ND
2/4/2004	--	ND<2000	ND<10000	--	--	--	--	--	--	--	--	--
8/11/2004	--	--	ND<5000	--	--	--	--	--	--	--	--	--
3/31/2005	--	--	ND<1300	--	--	--	--	--	--	--	--	--
9/30/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<5000	--	--	--	--	--	--	--	--	--
3/27/2007	--	--	ND<1200	--	--	--	--	--	--	--	--	--
9/28/2007	--	--	ND<2500	--	--	--	--	--	--	--	--	--
3/26/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
7/28/2008	--	--	ND<500	--	--	--	--	--	--	--	--	--
1/26/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
8/3/2009	--	--	ND<2500	--	--	--	--	--	--	--	--	--
1/25/2010	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-5												
2/4/2004	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
8/11/2004	--	--	ND<50	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Chloroform (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-ethene (TCE) (µg/l)
MW-5 continued												
3/31/2005	--	--	ND<50	--	--	--	--	--	--	--	--	--
9/30/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/28/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/26/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
7/28/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
1/26/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
8/3/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
1/25/2010	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-6												
2/4/2004	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
8/11/2004	--	--	ND<5000	--	--	--	--	--	--	--	--	--
3/31/2005	--	--	ND<5000	--	--	--	--	--	--	--	--	--
9/30/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<6200	--	--	--	--	--	--	--	--	--
3/27/2007	--	--	ND<1200	--	--	--	--	--	--	--	--	--
9/28/2007	--	--	ND<2500	--	--	--	--	--	--	--	--	--
3/26/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
7/28/2008	--	--	ND<500	--	--	--	--	--	--	--	--	--
1/26/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
8/3/2009	--	--	ND<2500	--	--	--	--	--	--	--	--	--
1/25/2010	--	--	ND<250	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Chloroform (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-ethene (TCE) (µg/l)
MW-7												
2/4/2004	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
8/11/2004	--	--	ND<5000	--	--	--	--	--	--	--	--	--
3/31/2005	--	--	ND<5000	--	--	--	--	--	--	--	--	--
9/30/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<6200	--	--	--	--	--	--	--	--	--
3/27/2007	--	--	ND<500	--	--	--	--	--	--	--	--	--
9/28/2007	--	--	ND<5000	--	--	--	--	--	--	--	--	--
3/26/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
7/28/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
1/26/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
8/3/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
1/25/2010	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-8												
1/3/1994	--	--	--	--	--	--	--	--	--	1.5	1.2	ND
2/4/2004	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
8/11/2004	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/31/2005	--	--	ND<2000	--	--	--	--	--	--	--	--	--
9/30/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--
3/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<2500	--	--	--	--	--	--	--	--	--
3/27/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--
9/28/2007	--	--	ND<1200	--	--	--	--	--	--	--	--	--
3/26/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--
7/28/2008	--	--	ND<250	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Total Oil and Grease (mg/l)	Chloroform (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-ethene (TCE) (µg/l)
MW-8 continued												
1/26/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
8/3/2009	--	--	ND<250	--	--	--	--	--	--	--	--	--
1/25/2010	--	--	ND<250	--	--	--	--	--	--	--	--	--

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Cadmium (dissolved) (mg/l)	Calcium (mg/l)	Chromium (total) (mg/l)	Iron (total) (mg/l)	Lead (total) (mg/l)	Manganese (dissolved) (mg/l)	Nickel (total) (mg/l)	Zinc (dissolved) (mg/l)	Nitrate (mg/l)	Sulfate (mg/l)	Alkalinity (bicarb.) (mg/l)	BOD (mg/l)
MW-1												
12/30/1991	ND	--	0.0078	--	0.0057	--	ND	0.046	--	--	--	--
4/2/1992	ND	--	0.015	--	0.016	--	ND	0.02	--	--	--	--
6/30/1992	ND	--	0.079	--	0.009	--	0.1	0.087	--	--	--	--
4/10/1996	--	21	--	15	--	2.6	--	--	--	--	160	--
MW-2												
1/3/1996	--	27	--	77	--	3.0	--	--	0.22	97	130	2.2
4/10/1996	--	58	--	60	--	7.0	--	--	--	--	460	--
MW-3												
1/3/1996	--	43	--	--	--	--	--	--	--	16	--	--

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-1		
4/10/1996	3.04	--
7/9/1996	3.13	--
1/24/1997	2.56	--
7/23/1997	2.81	2.26
1/26/1998	--	3.97
7/3/1998	--	3.58
MW-2		
1/3/1996	1.80	--
4/10/1996	5.88	--
7/9/1996	0.71	--
1/24/1997	2.37	--
7/23/1997	0.97	1.40
1/26/1998	--	4.12
7/3/1998	--	3.99
MW-3		
1/3/1996	1.50	--

COORDINATED EVENT DATA

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	*Date Sampled*	*TOC Depth to Water (ft)*	*Groundwater Elevation (ft-msl)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE by 8021B (µg/L)*	*MTBE by 8260B (µg/L)*	*Notes*
MW-1	8/13/1993	17.40	11.75	20,000	8,500	640	280	440	-	-	
29.15	12/14/1993	17.27	11.88	17,000	9,200	1,200	4,400	540	-	-	
	4/15/1994	17.00	12.15	9,500	3,600	530	160	280	-	-	
	12/29/1994	16.40	12.75	-	-	-	-	-	-	-	
	7/19/1996	15.83	13.32	17,000	5,200	1,100	330	530	-	-	sheen/odor
	1/27/1997	13.58	15.57	30,000	9,800	1,300	790	880	400	-	b,sheen/odor
	6/18/1997	16.11	13.04	19,000	5,600	1,400	510	770	1,200	800	a,b
	9/18/1997	16.62	12.53	48,000	18,000	4,400	1,000	1,700	ND<640	-	b
	12/10/1997	15.93	13.22	22,000	4,900	1,300	580	650	460	260	a,b,odor
	2/18/1998	11.56	17.59	16,000	5,000	750	400	780	1,800	-	b
	5/12/1998	13.53	15.62	19,000	4,600	810	450	770	5,500	-	b,c
	8/18/1998	15.19	13.96	12,000	3,600	1,300	300	570	5,100	3,700	a,b
	11/24/1998	15.67	13.48	13,000	3,600	890	330	380	6,100	-	b
	2/4/1999	15.31	13.84	20,000	5,900	830	450	500	4,900	-	b
	5/18/1999	14.95	14.20	23,000	7,000	1,600	520	830	6,100	-	b
	8/27/1999	15.84	13.31	19,000	5,800	1,700	410	710	1,800	2,100	a,b
	11/18/1999	16.39	12.76	20,000	4,900	630	410	580	4,900	3,600	b
	2/29/2000	13.43	15.72	12,000	2,800	24	290	170	3,100	3,400	a
	5/25/2000	15.08	14.07	12,000	2,200	120	330	260	9,100	12,000	a,b
	8/9/2000	16.09	13.06	13,000	2,500	44	310	140	16,000	-	b
	11/9/2000	15.90	13.25	11,000	2,500	140	380	150	11,000	12,000	b
	1/29/2001	16.05	13.10	9,600	3,100	100	77	200	2,600	2,400	b
	4/16/2001	16.90	12.25	3,300	1,200	4.4	2.7	28	900	940	b
	8/14/2001	17.13	12.02	2,000	500	3.4	24	7.8	68	53	a
	10/22/2001	16.11	13.04	220	83	0.63	2.8	ND<0.5	ND<10	5.7	a
	2/1/2002	16.93	12.22	640	220	1.7	4.7	0.57	ND<10	-	a
	5/10/2002	15.09	14.06	230	26	0.97	ND<0.5	ND<0.5	ND<5.0	-	a
	7/8/2002	15.20	13.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	10/2/2002	15.70	13.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	1/23/2003	15.09	14.06	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	13.02	16.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
26.17	7/18/2003	14.50	11.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	13.81	12.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	1/28/2004	13.09	13.08	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	14.97	11.20	180	60	0.56	1.9	ND<0.5	ND<5.0	-	a
	7/23/2004	14.15	12.02	130	36	ND<0.5	0.65	ND<0.5	ND<5.0	-	a
	10/12/2004	16.30	9.87	ND<50	2.5	1.5	ND<0.5	0.86	ND<5.0	-	
	2/14/2005	13.85	12.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/27/2005	13.35	12.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	7/19/2005	14.68	11.49	4,500	1,400	6.5	160	58	630	-	a
	10/18/2005	15.15	11.02	1,700	340	ND<5.0	28	ND<5.0	8,000	7,200	a
	1/23/2006	13.27	12.90	3,100	790	6.5	79	32	4,200	5,100	a
	4/12/2006	12.33	13.84	7,200	2,600	110	350	320	5,600	4,000	a
	7/10/2006	14.93	11.24	2,700	550	4.2	77	47	5,500	8,300	a
	10/16/2006	16.51	9.66	2,000	470	6.4	38	13	6,300	6,400	a
	1/26/2007	16.87	9.30	3,300	600	36	34	27	6,200	5,900	a
	4/18/2007	16.77	9.40	5,400	1,400	170	210	350	3,600	4,700	a,i
	8/2/2007	17.21	8.96	6,100	1,200	130	140	240	5,300	5,400	a

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-1	10/23/2007	17.67	8.50	2,600	740	53	60	110	5,800	6,900	a,h,Sheen[Lab]
(cont.)	1/30/2008	16.66	9.51	1,900	380	2.6	15	20	2,400	2,800	a
	4/18/2008	17.14	9.03	1,500	320	4.5	13	25	2,900	2,900	a
	7/28/2008	17.70	8.47	1,100	240	3.6	6.9	15	1,600	1,800	a
	12/5/2008	18.22	7.95	1,000	150	2.1	4.1	15	150	140	a
	1/26/2009	17.84	8.33	540	120	1.4	1.6	3.0	82	79	a
29.17	8/3/2009	17.45	11.72	290	94	2.8	3.4	6.7	25	20	a
	1/25/2010	**16.72**	**12.45**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<5.0**	**ND<0.5**	
MW-2	8/13/1993	17.05	13.46	34,000	6,800	10,000	740	3,900	-	-	
30.51	12/14/1993	18.28	12.23	16,000	3,200	4,200	500	1,700	-	-	
	4/15/1994	18.10	12.41	23,000	2,500	4,200	470	1,800	-	-	
	12/29/1994	17.40	13.11	-	-	-	-	-	-	-	
	7/19/1996	16.72	13.79	90,000	7,300	14,000	1,600	7,300	-	-	odor
	1/27/1997	14.89	15.62	63,000	7,100	13,000	1,600	7,100	500	-	b,odor
	6/18/1997	17.12	13.39	52,000	5,100	10,000	1,400	6,000	ND<200	-	b
	9/18/1997	17.63	12.88	110,000	9,400	23,000	2,600	13,000	ND<890	-	b, sheen/odor
	12/10/1997	16.98	13.53	39,000	2,600	5,300	940	3,900	780	320	b,odor
	2/18/1998	12.61	17.90	85,000	9,000	19,000	2,300	11,000	2,400	-	b
	5/12/1998	14.45	16.06	110,000	9,500	21,000	2,500	12,000	ND<1,200	-	b
	8/18/1998	16.14	14.37	64,000	6,000	13,000	1,700	7,800	2,000	1,300	a, b
	11/24/1998	16.70	13.81	78,000	5,300	14,000	2,300	11,000	ND<2,000	-	b,h,Sheen[Lab]
	2/4/1999	18.39	12.12	66,000	5,800	16,000	2,600	12,000	3,000	-	b,h,Sheen[Lab]
	5/18/1999	15.90	14.61	78,000	6,700	17,000	2,400	10,000	4,300	-	b
	8/27/1999	16.79	13.72	91,000	7,400	17,000	2,300	11,000	1,200	1,000	a,b
	11/18/1999	17.32	13.19	180,000	7,000	20,000	3,300	16,000	ND<6,000	1,700	b,h,Sheen[Lab]
	2/29/2000	14.37	16.14	86,000	5,500	13,000	2,000	9,500	3,500	4,700	a
	5/25/2000	16.01	14.50	110,000	6,300	14,000	2,400	10,000	7,500	6,500	a,b,h,Sheen[Lab]
	8/9/2000	17.02	13.49	77,000	5,000	13,000	2,000	8,600	5,900	-	b
	11/9/2000	17.00	13.51	70,000	4,800	12,000	1,900	8,000	9,400	8,300	b
	1/29/2001	18.31	12.20	110,000	8,200	21,000	2,800	13,000	2,500	1,900	b,h,Sheen[Lab]
	4/16/2001	18.59	11.92	97,000	7,400	15,000	2,500	12,000	ND<3,000	ND<50	b,h,Sheen[Lab]
	8/14/2001	18.74	11.77	97,000	6,200	14,000	2,400	13,000	ND<250	ND<50	a,j
	10/22/2001	18.27	12.24	71,000	5,900	15,000	2,400	12,000	ND<1,400	150	a
	2/1/2002	18.05	12.46	1,400	11	88	44	210	ND<5.0	-	a
	5/10/2002	17.15	13.36	97,000	4,500	15,000	2,500	12,000	ND<3,000	-	a,h,Sheen[Lab]
	7/8/2002	15.30	15.21	42,000	2,100	6,500	2,200	8,800	ND<1,000	65	a
	10/2/2002	15.89	14.62	70,000	1,700	5,700	1,900	8,300	ND<1,700	-	a
	1/23/2003	17.51	13.00	40,000	1,900	7,800	1,200	5,600	ND<1,000	-	a
	4/29/2003	15.31	15.20	82,000	2,500	11,000	2,200	9,400	ND<2,000	-	a
	7/18/2003	16.84	10.69	57,000	2,100	8,700	2,200	10,000	-	ND<50	a
27.53	10/9/2003	16.05	11.48	49,000	1,800	7,000	1,700	7,600	ND<1,500	26	a
	1/28/2004	15.39	12.14	550	21	33	3.0	61	ND<100	-	a
	4/7/2004	16.01	11.52	41,000	2,500	11,000	1,900	8,000	ND<2,000	-	a
	7/23/2004	15.30	12.23	81,000	2,000	12,000	2,500	12,000	ND<2,000	-	a,h,Sheen[Field & Lab]
	10/12/2004	17.87	9.66	75,000	2,600	13,000	2,300	11,000	ND<1,300	-	a
	2/14/2005	14.80	12.73	75,000	2,600	12,000	2,400	10,000	ND<1,800	-	a,h,Sheen[Lab]
	4/27/2005	14.63	12.90	61,000	2,800	11,000	1,600	7,000	ND<2,700	-	a

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-2	7/19/2005	15.60	11.93	90,000	3,700	14,000	2,600	10,000	ND<7,000	-	a
(cont.)	10/18/2005	16.08	11.45	77,000	3,300	14,000	2,400	11,000	7,900	6,400	a
	1/23/2006	14.20	13.33	54,000	1,600	8,000	1,600	6,700	6,600	7,000	a
	4/12/2006	12.51	15.02	43,000	1,800	7,800	1,300	5,200	6,400	4,900	a
	7/10/2006	14.76	12.77	86,000	2,800	11,000	2,100	9,600	ND<6,500	400	a,h,Sheen[Lab]
	10/16/2006	16.74	10.79	110,000	3,600	16,000	2,400	12,000	ND<6,000	2,700	a,h,Sheen[Lab]
	1/26/2007	17.10	10.43	120,000	3,900	16,000	2,300	10,000	ND<5,000	3,000	a,h,i,Sheen[Lab]
	4/18/2007	17.02	10.51	100,000	3,500	18,000	2,500	12,000	5,200	3,400	a,h,i,Sheen[Lab]
	8/2/2007	17.47	10.06	61,000	2,700	11,000	1,800	7,600	6,400	4,600	a,h,Sheen[Lab]
	10/23/2007	17.94	9.59	56,000	3,100	13,000	1,800	8,100	4,500	4,300	a
	1/30/2008	16.99	10.54	52,000	2,700	11,000	1,700	7,300	5,300	4,700	a
	4/18/2008	17.41	10.12	64,000	3,400	13,000	1,800	8,100	ND<4,000	2,200	a,h,i
	7/28/2008	17.99	9.54	51,000	2,000	6,200	1,300	2,700	ND<2,600	1,500	a,i,Sheen[Field]
	12/5/2008	18.56	8.97	74,000	2,200	12,000	1,700	7,500	2,500	1,900	a,i,Sheen[Field]
	1/26/2009	18.20	9.33	90,000	2,800	14,000	1,800	9,500	<3,500	1,600	a,h,i,Sheen[Field & Lab]
30.53	8/3/2009	17.74	12.79	67,000	2,900	12,000	1,800	8,200	<3,500	1,900	a,i,Sheen[Lab]
	1/25/2010	**17.10**	**13.43**	**46,000**	**1,400**	**6,200**	**1,100**	**5,800**	**ND<3,500**	**1,500**	**a, I, Sheen [Lab]**
MW-3	8/13/1993	17.05	12.72	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.5	-	-	No SVOCs.
29.77	12/14/1993	17.70	12.07	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.5	-	-	
	4/15/1994	17.40	12.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	12/29/1994	16.80	12.97	-	-	-	-	-	-	-	
	7/19/1996	16.28	13.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	1/27/1997	13.83	15.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	16.53	13.24	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	9/18/1997	17.07	12.70	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	12/10/1997	16.15	13.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/18/1998	11.80	17.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	13.85	15.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	15.57	14.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	16.04	13.73	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/4/1999	17.80	11.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	15.29	14.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/27/1999	16.15	13.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/18/1999	16.77	13.00	-	-	-	-	-	-	-	
	2/29/2000	13.71	16.06	ND<50	2	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/25/2000	15.46	14.31	-	-	-	-	-	-	-	
	8/9/2000	16.46	13.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	16.25	13.52	-	-	-	-	-	-	-	
	1/29/2001	16.52	13.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	16.95	12.82	-	-	-	-	-	-	-	
	8/14/2001	17.11	12.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	16.50	13.27	-	-	-	-	-	-	-	
	2/1/2002	16.90	12.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/10/2002	15.03	14.74	-	-	-	-	-	-	-	
	7/8/2002	14.45	15.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	15.03	14.74	-	-	-	-	-	-	-	
	1/23/2003	15.48	14.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	*Date Sampled*	*TOC Depth to Water (ft)*	*Groundwater Elevation (ft-msl)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE by 8021B (µg/L)*	*MTBE by 8260B (µg/L)*	*Notes*
MW-3 *(cont.)*	4/29/2003	12.49	17.28	-	-	-	-	-	-	-	
26.79	7/18/2003	14.80	11.99	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	14.13	12.66	-	-	-	-	-	-	-	
	1/28/2004	13.47	13.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	15.41	11.38	-	-	-	-	-	-	-	
	7/23/2004	14.54	12.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/12/2004	16.58	10.21	-	-	-	-	-	-	-	
	2/14/2005	14.19	12.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/27/2005	13.68	13.11	-	-	-	-	-	-	-	
	7/19/2005	15.15	11.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/18/2005	15.60	11.19	-	-	-	-	-	-	-	
	1/23/2006	13.65	13.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	270	260	
	4/12/2006	11.94	14.85	-	-	-	-	-	-	-	
	7/10/2006	14.48	12.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1,100	1,600	
	10/16/2006	16.19	10.60	-	-	-	-	-	-	-	
	1/26/2007	16.56	10.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2,500	3,400	
	4/18/2007	16.45	10.34	-	-	-	-	-	-	-	
	8/2/2007	16.92	9.87	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3,300	3,500	
	10/23/2007	17.42	9.37	-	-	-	-	-	-	-	
	1/30/2008	16.45	10.34	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	8,400	10,000	l
	4/18/2008	16.87	9.92	-	-	-	-	-	-	-	
	7/28/2008	17.41	9.38	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	6,400	6,900	l
	12/5/2008	17.89	8.90	-	-	-	-	-	-	-	
	1/26/2009	17.50	9.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3,400	3,800	
29.79	8/3/2009	17.18	12.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2,900	3,100	
	1/25/2010	**16.39**	**13.40**	**300**	**ND<1.7**	**2.5**	**ND<1.7**	**ND<1.7**	**4,600**	**4,500**	**m**
MW-4	12/16/1994	18.10	13.08	2,500	32	6.5	4.5	17	-	-	
31.18	12/29/1994	17.95	13.23	-	-	-	-	-	-	-	
	7/19/1996	17.38	13.80	3,300	520	39	67	60	-	-	
	1/27/1997	15.25	15.93	4,500	860	55	100	91	1,100	-	b
	6/18/1997	17.61	13.57	2,700	700	52	81	76	2,200	2,300	a,b
	9/18/1997	18.01	13.17	3,900	760	38	56	64	ND<170	-	b
	12/10/1997	17.45	13.73	12,000	1,800	120	210	210	2,900	2,600	a,b
	2/18/1998	13.09	18.09	1,700	210	8	6.7	16	200	-	b
	5/12/1998	14.78	16.40	2,100	300	15	36	34	920	-	b,c
	8/18/1998	16.59	14.59	4,700	1,000	130	110	150	5,200	4,900	a,b
	11/24/1998	17.18	14.00	3,000	810	44	76	94	4,800	-	b
	2/4/1999	18.90	12.28	2,800	770	50	69	69	3,100	-	b
	5/18/1999	16.30	14.88	4,000	780	57	7.7	79	4,800	-	b
	8/27/1999	17.21	13.97	4,100	870	51	74	99	3,300	4,100	a,b
	11/18/1999	17.77	13.41	3,000	760	43	67	65	5,100	5,400	b
	2/29/2000	14.85	16.33	4,600	1,000	64	94	170	4,100	4,600	a
	5/25/2000	16.45	14.73	2,600	540	39	59	41	3,500	5,300	b
	8/9/2000	17.47	13.71	4,400	930	66	98	79	9,400	-	b
	11/9/2000	17.45	13.73	4,200	630	34	54	44	7,800	9,400	b
	1/29/2001	18.90	12.28	3,100	710	34	66	51	9,400	8,000	b
	4/16/2001	19.17	12.01	160	1.2	1.3	ND<0.5	12	22	20	b

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-4 *(cont)*	8/14/2001	19.20	11.98	1,700	190	11	35	13	300	250	b
	10/22/2001	18.95	12.23	1,100	120	3.7	29	7.9	ND<25	16	a
	2/1/2002	19.05	12.13	2,600	25	43	21	280	ND<5.0	-	a
	5/10/2002	17.69	13.49	490	3.5	2.0	2.1	2.2	ND<5.0	-	a
	7/8/2002	15.75	15.43	170	0.51	0.62	1.6	1.2	ND<5.0	2.0	m
	10/2/2002	16.30	14.88	240	1.7	2.0	2.2	0.88	ND<5.0	-	a
	1/23/2003	17.74	13.44	ND<50	0.52	4.1	ND<0.5	1.9	ND<5.0	-	
	4/29/2003	15.47	15.71	1,300	75	4.8	21	7.3	130	120	a
28.20	7/18/2003	17.08	11.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	0.74	a
	10/9/2003	16.25	11.95	210	4.7	0.57	1.6	1.1	ND<10	10	a
	1/28/2004	15.65	12.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	a
	4/7/2004	16.49	11.71	-	-	-	-	-	-	-	
	4/12/2004	-	-	770	56	3.2	7.0	6.5	120	160	a
	7/23/2004	15.86	12.34	1,100	130	11	17	17	790	800	a
	10/12/2004	18.05	10.15	150	0.86	ND<0.5	ND<0.5	0.97	ND<10	-	a
	2/14/2005	15.30	12.90	1,500	200	16	30	31	420	550	a
	4/27/2005	14.20	14.00	3,000	520	100	27	86	600	480	a
	7/19/2005	16.08	12.12	1,800	310	16	36	25	1,000	1,100	a
	10/18/2005	16.55	11.65	2,500	450	28	47	51	3,800	4,500	a
	1/23/2006	14.66	13.54	1,300	170	13	14	14	2,500	3,300	a
	4/12/2006	12.92	15.28	940	150	12	7.6	12	3,400	3,300	a
	7/10/2006	15.38	12.82	1,700	260	14	26	20	4,300	5,900	a
	10/16/2006	17.21	10.99	3,200	440	26	34	63	7,800	7,500	a
	1/26/2007	17.58	10.62	2,000	290	20	28	42	8,300	8,300	a
	4/18/2007	17.46	10.74	2,300	350	28	38	42	5,900	7,800	a,i
	8/2/2007	17.95	10.25	3,600	480	33	47	72	7,500	9,000	a
	10/23/2007	18.41	9.79	1,700	280	13	27	25	7,000	8,800	a
	1/30/2008	17.49	10.71	1,300	130	4.9	13	12	6,500	8,200	a
	4/18/2008	17.90	10.30	2,300	240	14	25	27	6,900	6,400	a
	7/28/2008	18.49	9.71	3,400	390	100	33	100	4,600	5,000	a
	12/5/2008	19.07	9.13	2,400	310	30	41	67	2,100	1,700	a,i
	1/26/2009	18.71	9.49	1,600	180	14	21	33	1,300	1,200	a,Sheen[Field]
31.20	8/3/2009	18.23	12.97	2,300	370	39	37	89	1,700	1,600	a
	1/25/2010	**17.64**	**13.56**	**690**	**77**	**7.4**	**8.6**	**20**	**240**	**280**	**a**
MW-5	12/16/1994	16.07	11.97	ND<50	1.1	ND<0.5	ND<0.5	2.4	-	-	
28.04	12/29/1994	16.10	11.94	-	-	-	-	-	-	-	
	7/19/1996	15.49	12.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	1/27/1997	13.60	14.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	15.55	12.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	9/18/1997	16.16	11.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	12/10/1997	15.41	12.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/18/1998	10.93	17.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	13.25	14.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	14.75	13.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	15.15	12.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/4/1999	14.61	13.43	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	14.15	13.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-5	8/27/1999	15.43	12.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
(cont.)	11/18/1999	15.97	12.07	-	-	-	-	-	-	-	
	2/29/2000	13.16	14.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/25/2000	14.72	13.32	-	-	-	-	-	-	-	
	8/9/2000	15.68	12.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	15.39	12.65	-	-	-	-	-	-	-	
	1/29/2001	15.97	12.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	16.24	11.80	-	-	-	-	-	-	-	
	8/14/2001	17.39	10.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	15.90	12.14	-	-	-	-	-	-	-	
	2/1/2002	16.55	11.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/10/2002	15.12	12.92	-	-	-	-	-	-	-	
	7/8/2002	15.92	12.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	16.42	11.62	-	-	-	-	-	-	-	
	1/23/2003	14.90	13.14	ND<50	20	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	12.05	15.99	-	-	-	-	-	-	-	
25.07	7/18/2003	14.28	10.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	13.36	11.71	-	-	-	-	-	-	-	
	1/28/2004	12.68	12.39	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	14.71	10.36	-	-	-	-	-	-	-	
	7/23/2004	13.49	11.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	10/12/2004	15.88	9.19	-	-	-	-	-	-	-	
	2/14/2005	13.22	11.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	4/27/2005	13.40	11.67	-	-	-	-	-	-	-	
	7/19/2005	14.21	10.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	10/18/2005	14.79	10.28	-	-	-	-	-	-	-	
	1/23/2006	13.12	11.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	4/12/2006	11.39	13.68	-	-	-	-	-	-	-	
	7/10/2006	14.40	10.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	25	-	i
	10/16/2006	15.44	9.63	-	-	-	-	-	-	-	
	1/26/2007	15.76	9.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	490	-	
	4/18/2007	15.61	9.46	-	-	-	-	-	-	-	
	8/2/2007	16.04	9.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	660	760	
	10/23/2007	16.89	8.18	-	-	-	-	-	-	-	
	1/30/2008	15.61	9.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	250	280	
	4/18/2008	15.99	9.08	-	-	-	-	-	-	-	
	7/28/2008	16.45	8.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	640	670	
	12/5/2008	16.94	8.13	-	-	-	-	-	-	-	
	1/26/2009	16.54	8.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3,500	3,700	
28.07	8/3/2009	16.23	11.84	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1,300	1,400	
	1/25/2010	**15.58**	**12.49**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**1,300**	**1,400**	
MW-6	12/16/1994	17.74	11.36	-	-	-	-	-	-	-	
29.10	12/29/1994	17.40	11.70	-	-	-	-	-	-	-	
	7/19/1996	16.60	12.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	1/27/1997	14.88	14.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	16.73	12.37	51	22	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	c
	9/18/1997	17.24	11.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-6	12/10/1997	16.56	12.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
(cont.)	2/18/1998	12.93	16.17	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	14.35	14.75	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	15.94	13.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	16.46	12.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/4/1999	18.25	10.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	15.73	13.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/27/1999	15.64	13.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/18/1999	17.04	12.06	-	-	-	-	-	-	-	
	2/29/2000	14.55	14.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/25/2000	15.86	13.24	-	-	-	-	-	-	-	
	8/9/2000	16.80	12.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	16.60	12.50	-	-	-	-	-	-	-	
	1/29/2001	17.00	12.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	17.15	11.95	-	-	-	-	-	-	-	
	8/14/2001	17.30	11.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	17.13	11.97	-	-	-	-	-	-	-	
	2/1/2002	16.57	12.53	70	37	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	a
	5/10/2002	15.25	13.85	-	-	-	-	-	-	-	
	7/8/2002	15.79	13.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	16.38	12.72	-	-	-	-	-	-	-	
	1/23/2003	16.03	13.07	ND<50	21	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	14.19	14.91	-	-	-	-	-	-	-	
26.13	7/18/2003	15.47	10.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	14.73	11.40	-	-	-	-	-	-	-	
	1/28/2004	14.05	12.08	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	14.41	11.72	-	-	-	-	-	-	-	
	7/23/2004	15.15	10.98	3,300	1,300	ND<5.0	52	9.7	ND<50	-	a
	10/12/2004	17.29	8.84	-	-	-	-	-	-	-	
	2/14/2005	14.60	11.53	350	160	ND<0.5	ND<0.5	ND<0.5	ND<25	2.0	a,i
	4/27/2005	14.10	12.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	7/19/2005	15.18	10.95	110	15	ND<0.5	0.62	ND<0.5	ND<5.0	1.7	a,i
	10/18/2005	15.65	10.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	0.87	i
	1/23/2006	14.02	12.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	0.50	i
	4/12/2006	12.66	13.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	7/10/2006	14.64	11.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	10/16/2006	16.50	9.63	-	-	-	-	-	-	-	
	1/26/2007	16.83	9.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	4/18/2007	16.72	9.41	-	-	-	-	-	-	-	
	8/2/2007	17.13	9.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	10/23/2007	17.71	8.42	-	-	-	-	-	-	-	
	1/30/2008	16.54	9.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	4/18/2008	17.02	9.11	-	-	-	-	-	-	-	
	7/28/2008	17.50	8.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	12/5/2008	17.89	8.24	-	-	-	-	-	-	-	
	1/26/2009	17.61	8.52	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	
29.13	8/3/2009	17.24	11.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	1/25/2010	**16.72**	**12.41**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<5.0**	**ND<0.5**	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	*Date Sampled*	*TOC Depth to Water (ft)*	*Groundwater Elevation (ft-msl)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE by 8021B (µg/L)*	*MTBE by 8260B (µg/L)*	*Notes*
MW-7	12/16/1994	17.07	12.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
29.67	12/29/1994	17.65	12.02	-	-	-	-	-	-	-	
	7/19/1996	16.44	13.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	1/27/1997	15.09	14.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	16.59	13.08	73	ND<0.5	0.55	ND<0.5	ND<0.5	ND<5.0	-	d
	9/18/1997	17.06	12.61	94	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	b,f
	12/10/1997	16.58	13.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/18/1998	12.60	17.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	14.81	14.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	15.67	14.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	16.30	13.37	200	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	d
	2/4/1999	15.99	13.68	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	15.42	14.25	200	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	d
	8/27/1999	16.35	13.32	140	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/18/1999	16.81	12.86	–	–	–	–	–	–	-	
	2/29/2000	14.16	15.51	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	f
	5/25/2000	15.54	14.13	–	–	–	–	–	–	-	
	8/9/2000	16.56	13.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	16.45	13.22	-	-	-	-	-	-	-	
	1/29/2001	16.92	12.75	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	17.03	12.64	-	-	-	-	-	-	-	
	8/14/2001	17.27	12.40	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	16.95	12.72	-	-	-	-	-	-	-	
26.70	2/1/2002	16.14	13.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/10/2002	15.30	14.37	-	-	-	-	-	-	-	
	7/8/2002	15.73	13.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	16.24	13.43	-	-	-	-	-	-	-	
	1/23/2003	15.70	13.97	ND<50	23	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	12.68	16.99	-	-	-	-	-	-	-	
	7/18/2003	15.19	11.51	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	14.45	12.25	-	-	-	-	-	-	-	
	1/28/2004	13.88	12.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	15.71	10.99	-	-	-	-	-	-	-	
	7/23/2004	14.85	11.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	130	120	
	10/12/2004	16.90	9.80	-	-	-	-	-	-	-	
	2/14/2005	14.42	12.28	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	190	200	
	4/27/2005	13.75	12.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	1.3	
	7/19/2005	14.91	11.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	65	66	
	10/18/2005	15.40	11.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	15	
	1/23/2006	13.99	12.71	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	2.2	
	4/12/2006	12.32	14.38	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	2.0	
	7/10/2006	14.31	12.39	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	1.5	
	10/16/2006	16.23	10.47	-	-	-	-	-	-	-	
	1/26/2007	16.61	10.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	4/18/2007	16.54	10.16	-	-	-	-	-	-	-	
	8/2/2007	16.93	9.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	2.2	
	10/23/2007	17.36	9.34	-	-	-	-	-	-	-	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	*Date Sampled*	*TOC Depth to Water (ft)*	*Groundwater Elevation (ft-msl)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE by 8021B (µg/L)*	*MTBE by 8260B (µg/L)*	*Notes*
	1/30/2008	16.36	10.34	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	4/18/2008	16.85	9.85	-	-	-	-	-	-	-	
	7/28/2008	17.43	9.27	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	1.1	i
	12/5/2008	17.91	8.79	-	-	-	-	-	-	-	
	1/26/2009	17.65	9.05	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	0.96	
29.70	8/3/2009	17.17	12.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	0.87	
	1/25/2010	**16.65**	**13.05**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<5.0**	**ND<0.5**	
VW-3	3/6/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	3/25/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
VW-4	3/6/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	3/25/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
Trip Blank	11/9/2000	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/14/2005	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	

Abbreviations and Analyses:

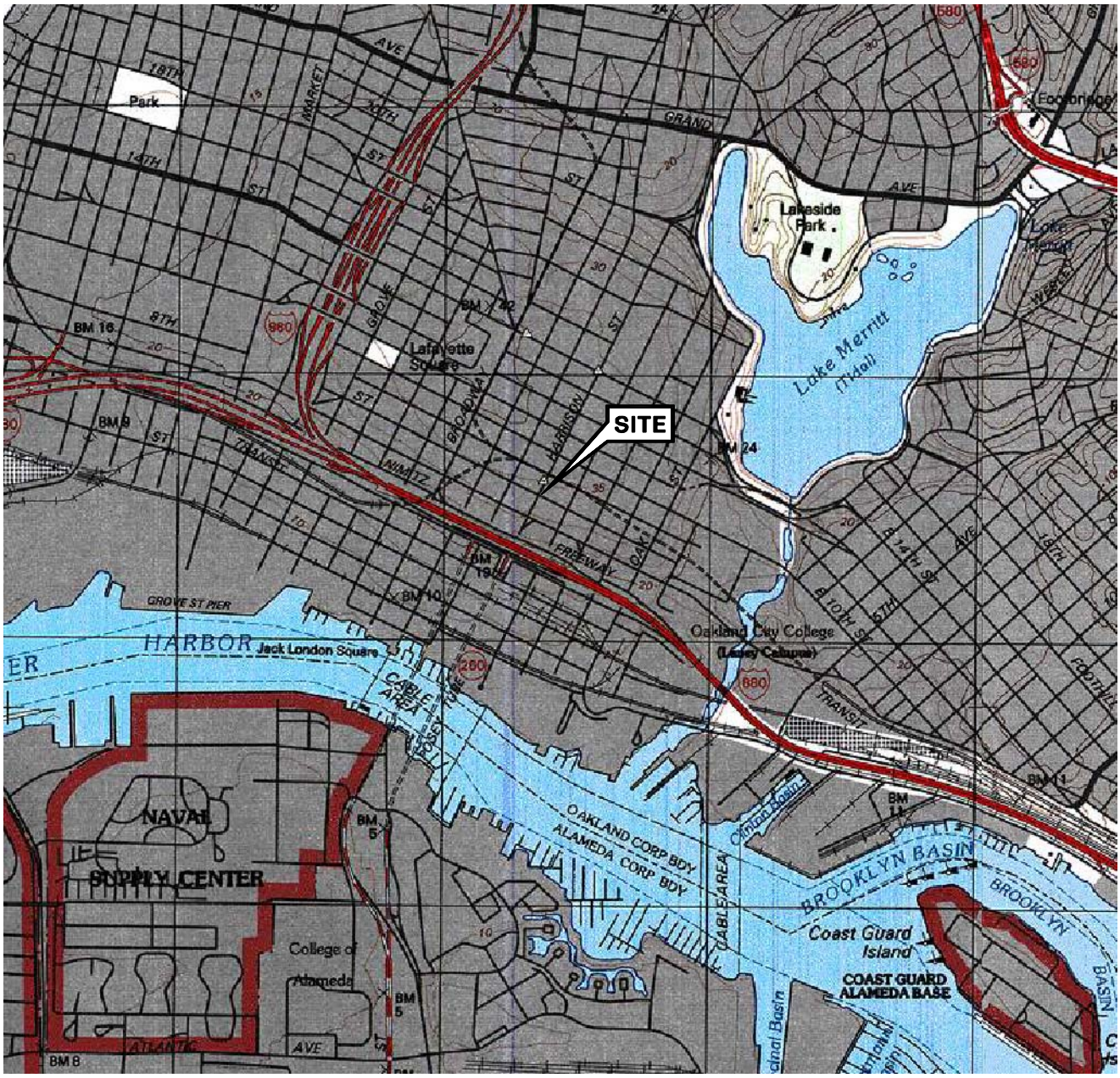
µg/L = Micrograms per liter
ND<0.5 = Not Detected (ND) above laboratory detection limit.
- = Not sampled; not analyzed;not applicable; or no SPH measured or observed.
TOC = Top of casing elevation, measured in feet, relative to mean sea level
ft = Measured in feet
ft-msl = Elevation in feet relative to mean sea level
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C
Benzene, ethylbenzene, toluene and xylenes by EPA Method SW8021B.
MTBE = Methyl tertiary butyl ether by EPA Method SW8021B and/or SW8260B.
SVOCs = Semi-Volatile Organic Compounds (EPA Method 8270)
Wells were re-surveyed on October 27, 2003 to City of Oakland Benchmark 25A.
TOC Depth to Water = Groundwater depth measured in feet below TOC.
Sheen = A sheen was observed on the water's surface.
Field = Observed in the field
Lab = Observed in analytical laboratory

Analytical Laboratory Notes:

a = "unmodified or weakly modified gasoline is significant"
b = "heavier gasoline range compounds are significant"
c = "lighter gasoline range compounds are significant"
d = "isolated peaks are present"
f = "hydrocarbons with no recognizable patterns are present"
h = "lighter than water immiscible sheen/product is present"
i = "sample contains greater than ~1 vol. % sediment"
j = "sample was diluted due to high organic content"
l = "reporting limit raised due to high MTBE content"
m = "no recognizable pattern"

*August 3, 3009 TOC modified per Mid Coast Engineers Survey dated October 1, 2009

FIGURES



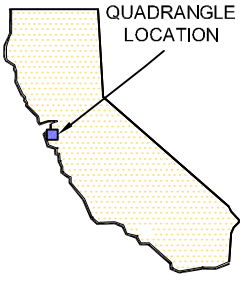
N

SOURCE:

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

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

SCALE 1: 24,000



TRC

76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\0752vm.dwg Feb 24, 2010 - 9:57am bschmidt

LEGEND

MW-8 — Monitoring Well with Groundwater Elevation (feet)

MW-7 — Former Arco Monitoring Well

VW/SP-5 — Former Arco Dual SVE/Sparging Well

VW-2 — Former Arco SVE Well Location

15.00 — Groundwater Elevation Contour

General Direction of Groundwater Flow

N

HARRISON STREET

7TH STREET

8TH STREET

SIDEWALK

FORMER UNOCAL STATION

FORMER USTs

FORMER DISPENSER ISLANDS

FORMER ARCO STATION BUILDING
706 HARRISON STREET

FORMER SHELL SERVICE STATION
726 HARRISON STREET

BUILDING

FORMER WASTE OIL TANK

DISPENSER ISLAND

USTs

STATION BUILDING

MW-6 12.41

MW-7 13.05

VW-1 NA

VW-2 NA

VW/SP-5 NA

VW/SP-4 NA

VW/SP-3 NA

MW-1 12.45

MW-2 13.43

MW-4 13.56

MW-3 13.40

MW-5 12.49

MW-7 14.73

MW-8 14.36

MW-5 14.64

MW-6 14.55

MW-3 14.64

MW-2 15.04

MW-4 14.70

MW-1 14.94

13.00

14.00

15.00

SCALE (FEET)

0 30

PROJECT: 173845

FACILITY:

76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
January 25, 2010

TRC

FIGURE 2

NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected. UST = underground storage tank. Former Arco data provided by CRA.

MS=1:1 0752-003 L:\Graphics\QMS NORTH-SOUTH\lx-0000\0752+\0752-qms.dwg Feb 26, 2010 - 1:53pm amartos

LEGEND

MW-8 — Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

MW-7 — Former Arco Monitoring Well with Dissolved-Phase TPH-G Concentration (µg/l)

VW/SP-5 — Former Arco Dual SVE/Sparging Well

VW-2 — Former Arco SVE Well Location

10,000 — Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)

HARRISON STREET

7TH STREET

8TH STREET

SIDEWALK

FORMER UNOCAL STATION

FORMER USTs

FORMER DISPENSER ISLANDS

FORMER ARCO STATION BUILDING 706 HARRISON STREET

FORMER SHELL SERVICE STATION 726 HARRISON STREET

BUILDING

DISPENSER ISLANDS

DISPENSER ISLAND

USTs

STATION BUILDING

FORMER WASTE OIL TANK

MW-6 ND<50

MW-7 ND<50

MW-5 ND<50

VW-1 NA

VW-2 NA

VW/SP-5 NA

VW/SP-4 NA

VW/SP-3 NA

MW-1 ND<50

MW-2 46000

MW-4 690

MW-3 300

MW-7 490

MW-8 ND<50

MW-5 1600

MW-6 410

MW-3 4900

MW-2 ND<50

MW-4 190

MW-1 ND<50

10,000

1,000

100

?

SCALE (FEET)

0 30

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. TPH-G = total petroleum hydrocarbons as gasoline. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. Former Arco data provided by CRA; TPH-G results obtained using EPA Method 8015.

PROJECT: 173845

FACILITY:

76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
January 25, 2010

TRC

FIGURE 3

MS=1:1 0752-003 L:\Graphics\QMS NORTH-SOUTH\x-0000\0752\0752-qms.dwg Feb 26, 2010 - 1:54pm amartos

LEGEND

MW-8 — Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

MW-7 — Former Arco Monitoring Well

VW/SP-5 — Former Arco Dual SVE/Sparging Well

VW-2 — Former Arco SVE Well Location

1,000 — Dissolved-Phase Benzene Contour (µg/l)

HARRISON STREET

7TH STREET

8TH STREET

SIDEWALK

FORMER UNOCAL STATION

FORMER USTs

FORMER DISPENSER ISLANDS

FORMER ARCO STATION BUILDING 706 HARRISON STREET

FORMER SHELL SERVICE STATION 726 HARRISON STREET

BUILDING

DISPENSER ISLANDS

DISPENSER ISLAND

USTs

FORMER WASTE OIL TANK

STATION BUILDING

MW-6 ND<0.5

MW-7 ND<0.5

MW-5 ND<0.5

VW-1 NA

VW-2 NA

VW/SP-5 NA

VW/SP-4 NA

VW/SP-3 NA

MW-1 ND<0.5

MW-2 1400

MW-4 77

MW-3 ND<1.7

MW-7 25

MW-8 ND<0.50

MW-5 7.6

MW-6 4.8

MW-3 79

MW-2 ND<0.50

MW-4 ND<0.50

MW-1 ND<0.50

1,000

100

10

1.0

?

SCALE (FEET)

0 30

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. NA = not analyzed, measured, or collected. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank. Former Arco data provided by CRA.

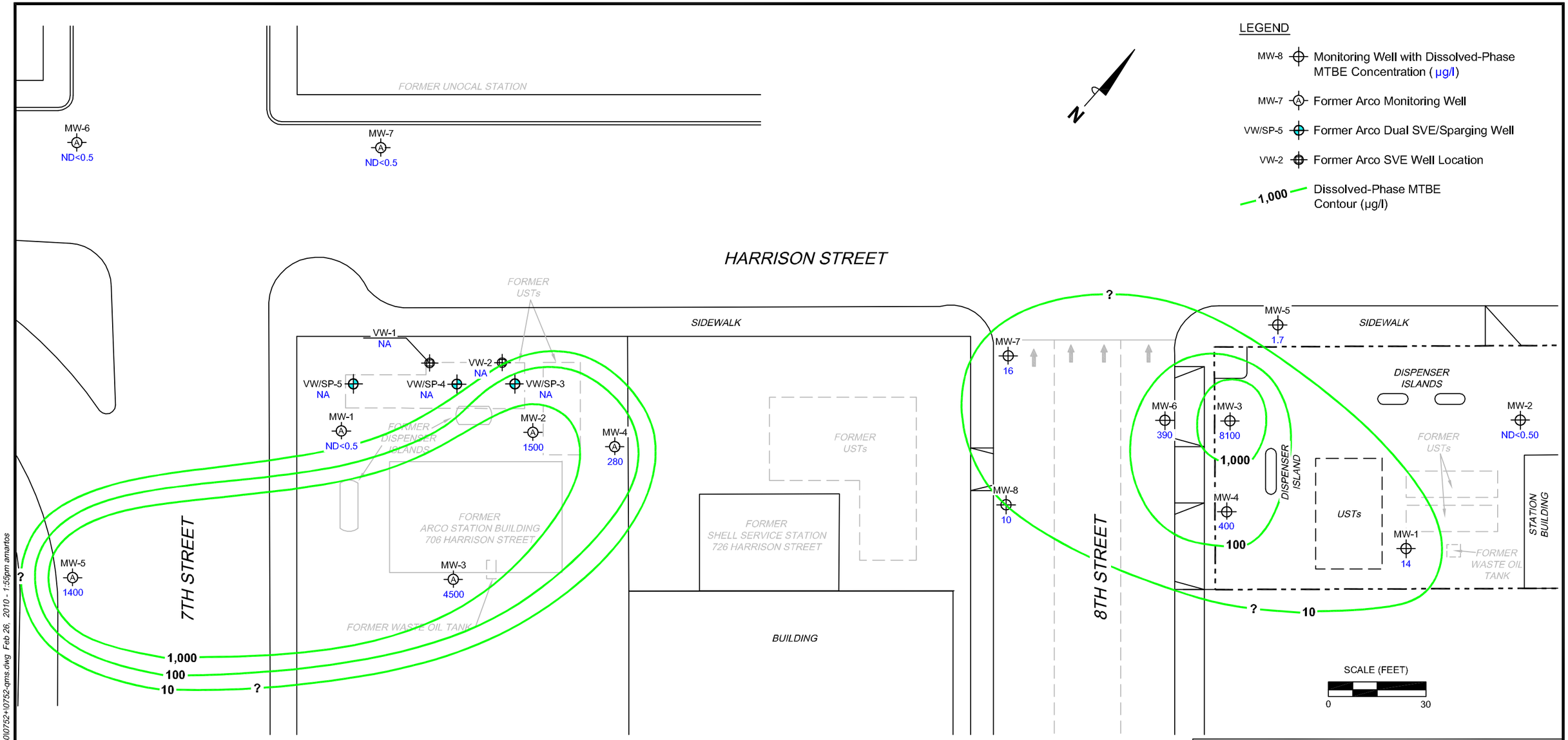
PROJECT:	173845
FACILITY:	76 STATION 0752 800 HARRISON STREET OAKLAND, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
January 25, 2010

TRC

FIGURE 4

MS=1:1 0752-003 L:\Graphics\QMS NORTH-SOUTH\x-0000\0752+\0752-qms.dwg Feb 26, 2010 - 1:54pm amartos



NOTES:

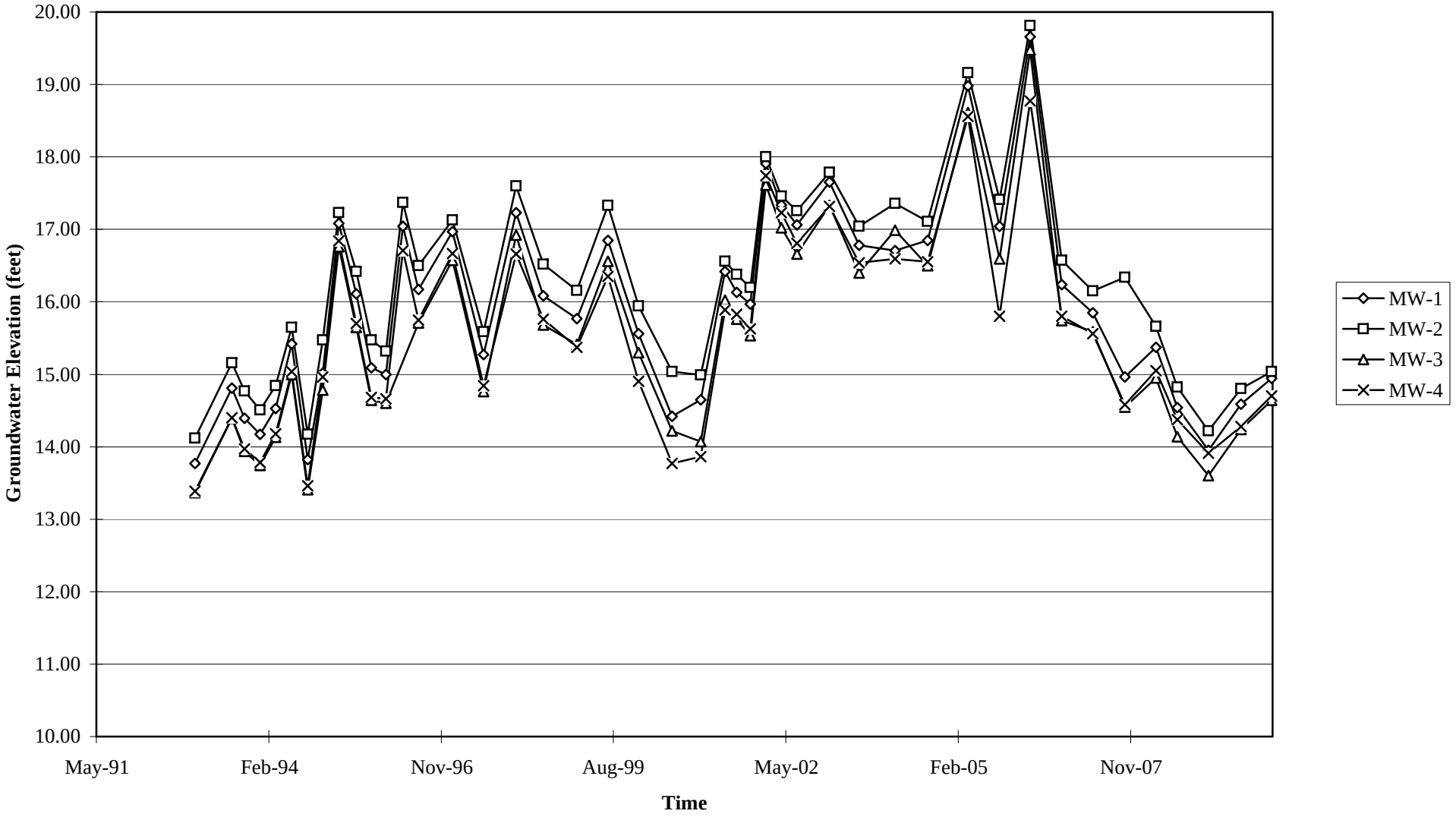
Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. Former Arco data provided by CRA. Results obtained using EPA Method 8260B.

PROJECT:	173845
FACILITY:	76 STATION 0752 800 HARRISON STREET OAKLAND, CALIFORNIA
DISSOLVED-PHASE MTBE CONCENTRATION MAP January 25, 2010	
TRC	**FIGURE 5**

MS=1:1 0752-003 L:\Graphics\QMS NORTH-SOUTH\x-0000\0752+\0752-qms.dwg Feb 26, 2010 - 1:55pm amartos

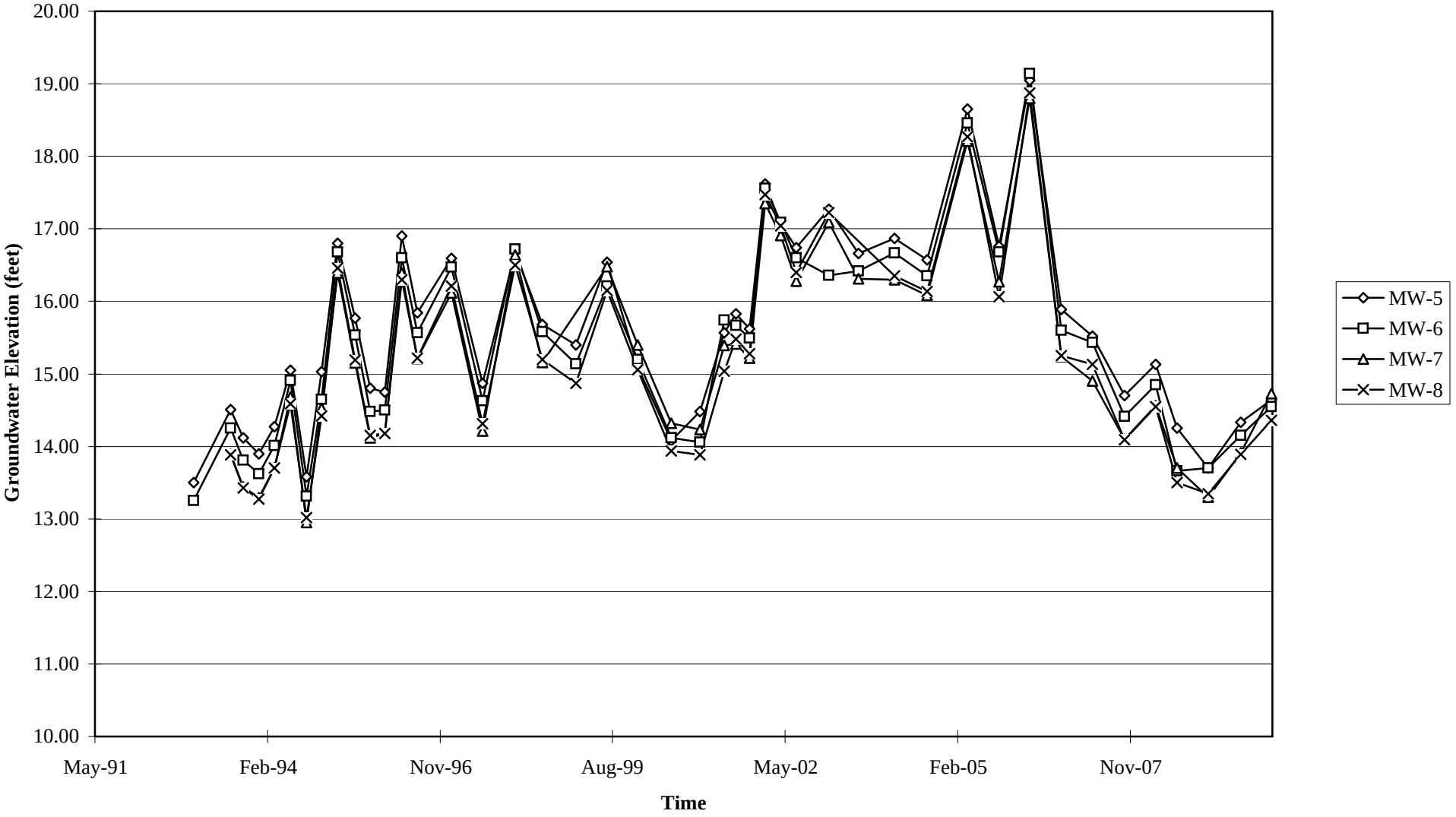
GRAPHS

Groundwater Elevations vs. Time
76 Station 0752



Elevations may have been corrected for apparent changes due to resurvey

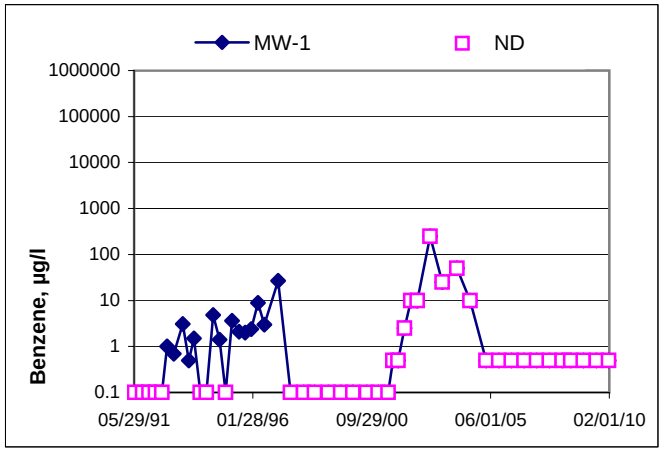
Groundwater Elevations vs. Time
76 Station 0752

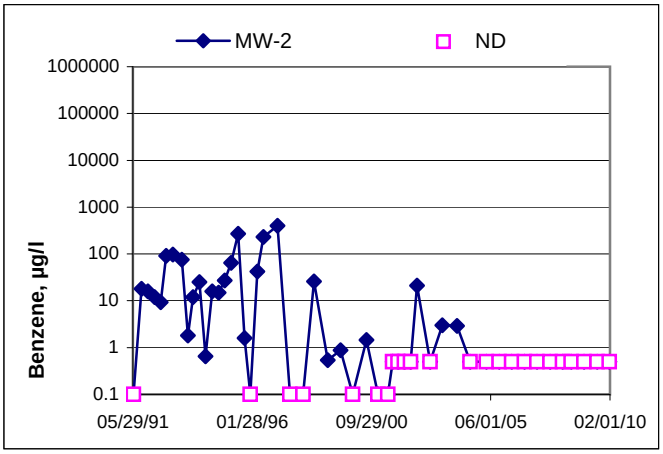


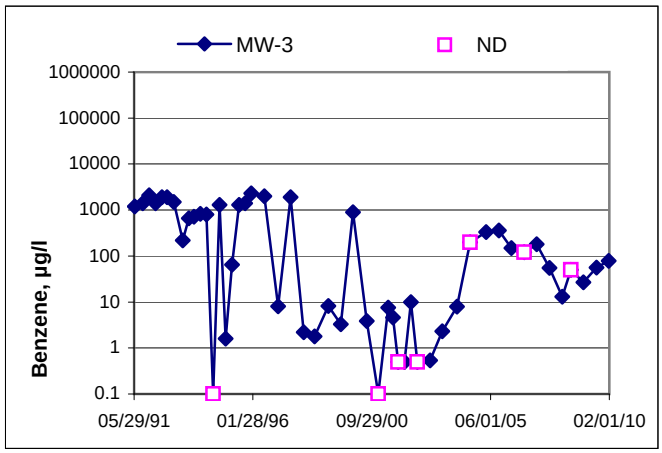
Elevations may have been corrected for apparent changes due to resurvey

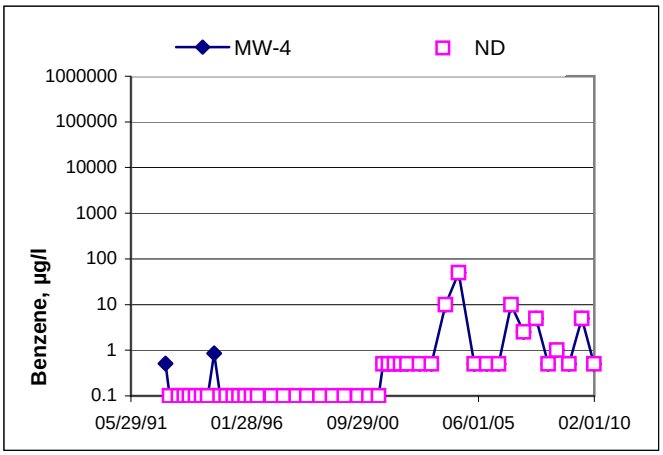
Benzene Concentrations vs Time

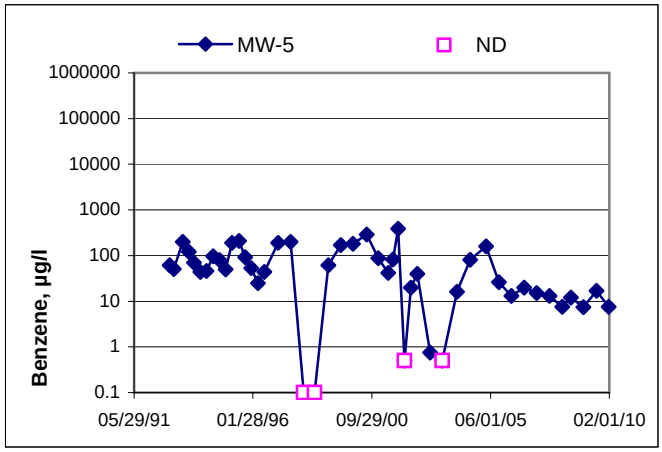
76 Station 0752

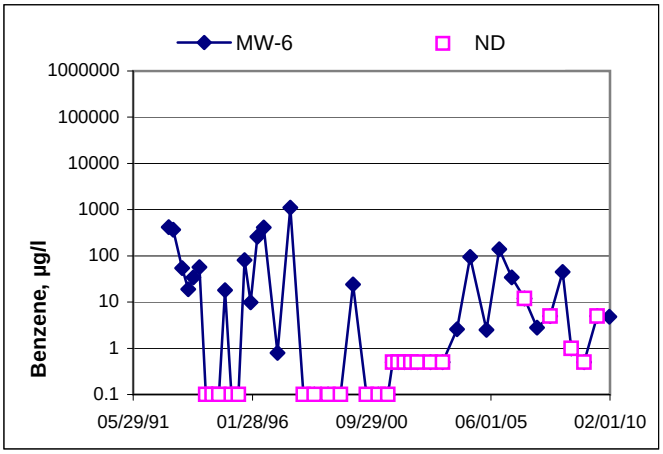


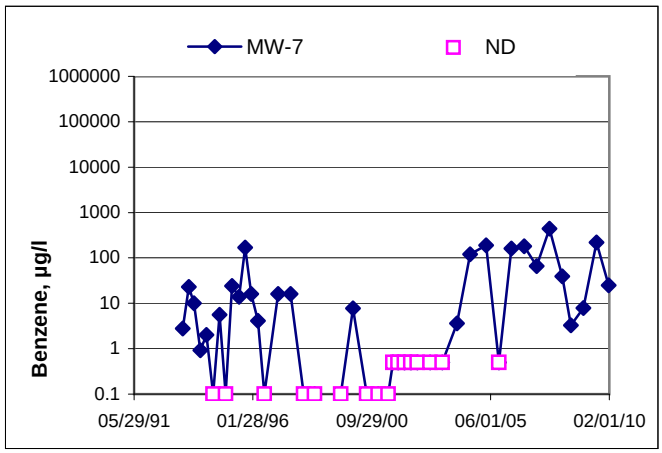


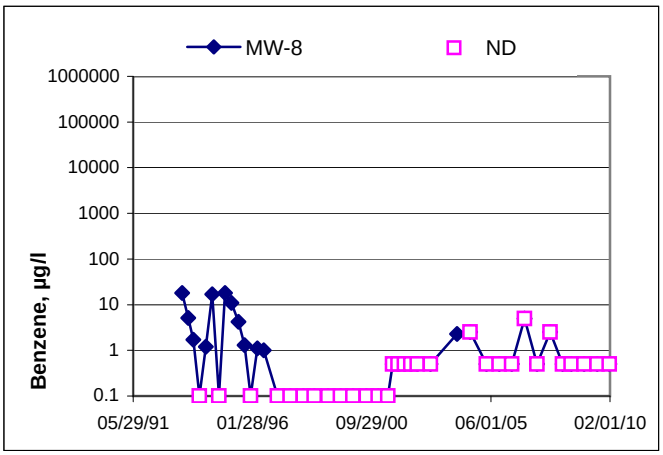












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: JOE Job #/Task #: 173845 / FA20 Date: 01-25-10

Site # 0752 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-2	X	0537	30.83	19.70	—	—	0826	2"
MW-1	X	0544	33.60	19.78	—	—	0852	2"
MW-8	X	0551	28.54	17.67	—	—	0754	2"
MW-4	X	0558	32.28	18.02	—	—	0922	2"
MW-6	X	0606	30.93	17.64	—	—	1002	2"
MW-5	X	0612	31.74	18.34	—	—	1021	2"
MW-3	X	0619	30.58	18.54	—	—	1049	2"
MW-7	X	0642	31.70	17.49	—	—	0745	2"

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

MANIFEST / DRUM INVENTORY / TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0752 Project No.: 173845 Date: 01-25-10

Well No. MW-2 Purge Method: SUB

Depth to Water (feet): 19.70 Depth to Product (feet): ~~———~~

Total Depth (feet) 30.83 LPH & Water Recovered (gallons): ~~———~~

Water Column (feet): 11.13 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 21.92 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0815			2	230.6	16.6	7.70			
			4	209.9	17.4	7.39			
	0819		6	207.1	17.9	7.18			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.85	6	0826

Comments:

Well No. MW-1 Purge Method: SUB

Depth to Water (feet): 19.78 Depth to Product (feet): ~~———~~

Total Depth (feet) 33.60 LPH & Water Recovered (gallons): ~~———~~

Water Column (feet): 13.82 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 22.54 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0841			3	169.6	16.6	7.19			
			6	157.0	17.8	6.89			
	0844		9	157.7	18.0	6.70			

Static at Time Sampled	Total Gallons Purged	Sample Time
20.05	9	0852

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0752 Project No.: 173845 Date: 01-25-10

Well No. MW-8 Purge Method: ~~DB~~ HB

Depth to Water (feet): 17.67 Depth to Product (feet): ———

Total Depth (feet) 28.54 LPH & Water Recovered (gallons): ———

Water Column (feet): 10.87 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 19.84 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0726			2	462.8	18.6	6.70			
			4	459.9	19.2	6.61			
	0738		6	427.0	18.4	6.68			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.70	6	0754

Comments:

Well No. MW-4 Purge Method: SUB

Depth to Water (feet): 18.02 Depth to Product (feet): ———

Total Depth (feet) 32.28 LPH & Water Recovered (gallons): ———

Water Column (feet): 14.26 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.87 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0911			3	247.5	17.0	6.70			
			6	246.7	18.8	6.33			
	0915		9	249.2	18.8	6.39			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.32	9	0922

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0752 Project No.: 173845 Date: 01-25-10

Well No. MW-6 Purge Method: SUB

Depth to Water (feet): 17.64 Depth to Product (feet): ———

Total Depth (feet) 30.93 LPH & Water Recovered (gallons): ———

Water Column (feet): 13.29 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.30 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0943			3	205.3	17.6	6.88			
			6	214.3	18.6	6.72			
	0947		9	220.8	19.2	6.73			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.73	9	1002

Comments:

Well No. MW-5 Purge Method: SUB

Depth to Water (feet): 18.34 Depth to Product (feet): ———

Total Depth (feet) 31.74 LPH & Water Recovered (gallons): ———

Water Column (feet): 13.40 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 21.02 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
1010			3	258.5	17.9	6.64			
			6	256.3	19.0	6.58			
	1014		9	247.6	19.3	6.67			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.01	9	1021

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0752 Project No.: 173845 Date: 01-25-10

Well No. MW-3 Purge Method: SUB

Depth to Water (feet): 18.54 Depth to Product (feet): ~~~

Total Depth (feet) 30.58 LPH & Water Recovered (gallons): ~~~

Water Column (feet): 12.04 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.94 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
1033			3	460.0	17.9	6.46			
			6	438.3	18.9	6.50			
	1037		9	427.0	19.4	6.51			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.70	9	1049

Comments:

Well No. MW-7 Purge Method: HB

Depth to Water (feet): 17.49 Depth to Product (feet): ~~~

Total Depth (feet) 31.70 LPH & Water Recovered (gallons): ~~~

Water Column (feet): 14.21 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.33 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
0703			3	230.4	18.9	7.90			
			6	235.9	18.8	7.26			
	0721		9	253.6	18.4	7.08			

Static at Time Sampled	Total Gallons Purged	Sample Time
17.98	9	0745

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 01/28/2010

Anju Farfan

TRC
123 Technology Drive
Irvine, CA 92618

RE: 0752
BC Work Order: 1001136
Invoice ID: B074817

Enclosed are the results of analyses for samples received by the laboratory on 1/25/2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC	Project: 0752	**Reported:** 01/28/2010 14:25
123 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
1001136-01	**COC Number:**	---	**Receive Date:**	01/25/2010 21:15	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	01/25/2010 08:26	Global ID: T0600101486
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-2
	Sampling Point:	MW-2	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
1001136-02	**COC Number:**	---	**Receive Date:**	01/25/2010 21:15	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	01/25/2010 08:52	Global ID: T0600101486
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-1
	Sampling Point:	MW-1	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
1001136-03	**COC Number:**	---	**Receive Date:**	01/25/2010 21:15	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	01/25/2010 07:54	Global ID: T0600101486
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-8
	Sampling Point:	MW-8	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
1001136-04	**COC Number:**	---	**Receive Date:**	01/25/2010 21:15	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	01/25/2010 09:22	Global ID: T0600101486
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-4
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
1001136-05	**COC Number:**	---	**Receive Date:**	01/25/2010 21:15	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	01/25/2010 10:02	Global ID: T0600101486
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-6
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
1001136-06	**COC Number:**	---	**Receive Date:**	01/25/2010 21:15	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	01/25/2010 10:21	Global ID: T0600101486
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-5
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
1001136-07	**COC Number:**	---	**Receive Date:**	01/25/2010 21:15	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	01/25/2010 10:49	Global ID: T0600101486
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-3
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
1001136-08	**COC Number:**	---	**Receive Date:**	01/25/2010 21:15	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	01/25/2010 07:45	Global ID: T0600101486
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-7
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1001136-01 | **Client Sample Name:** 0752, MW-2, 1/25/2010 8:26:00AM

Constituent	Result	Units	PQL	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	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473	ND	
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473	ND	
Toluene	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473	ND	
Ethanol	ND	ug/L	250	EPA-8260	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473		
Toluene-d8 (Surrogate)	98.3	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473		
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 16:01	MGC	MS-V5	1	BTA1473		

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1001136-02 | **Client Sample Name:** 0752, MW-1, 1/25/2010 8:52:00AM

Constituent	Result	Units	PQL	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	01/25/10	01/26/10 16:29	MGC	MS-V5	1	BTA1473	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 16:29	MGC	MS-V5	1	BTA1473	ND	
Methyl t-butyl ether	**14**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 16:29**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Toluene	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 16:29	MGC	MS-V5	1	BTA1473	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	01/25/10	01/26/10 16:29	MGC	MS-V5	1	BTA1473	ND	
Ethanol	ND	ug/L	250	EPA-8260	01/25/10	01/26/10 16:29	MGC	MS-V5	1	BTA1473	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	01/25/10	01/26/10 16:29	MGC	MS-V5	1	BTA1473	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 16:29	MGC	MS-V5	1	BTA1473		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 16:29	MGC	MS-V5	1	BTA1473		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 16:29	MGC	MS-V5	1	BTA1473		

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1001136-03 | **Client Sample Name:** 0752, MW-8, 1/25/2010 7:54:00AM

Constituent	Result	Units	PQL	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	01/25/10	01/26/10 21:12	MGC	MS-V5	1	BTA1473	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 21:12	MGC	MS-V5	1	BTA1473	ND	
Methyl t-butyl ether	**10**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 21:12**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Toluene	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 21:12	MGC	MS-V5	1	BTA1473	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	01/25/10	01/26/10 21:12	MGC	MS-V5	1	BTA1473	ND	
Ethanol	ND	ug/L	250	EPA-8260	01/25/10	01/26/10 21:12	MGC	MS-V5	1	BTA1473	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	01/25/10	01/26/10 21:12	MGC	MS-V5	1	BTA1473	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 21:12	MGC	MS-V5	1	BTA1473		
Toluene-d8 (Surrogate)	98.1	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 21:12	MGC	MS-V5	1	BTA1473		
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 21:12	MGC	MS-V5	1	BTA1473		

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1001136-04 | **Client Sample Name:** 0752, MW-4, 1/25/2010 9:22:00AM

Constituent	Result	Units	PQL	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	01/25/10	01/26/10 22:37	MGC	MS-V5	1	BTA1473	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 22:37	MGC	MS-V5	1	BTA1473	ND	
Methyl t-butyl ether	**400**	**ug/L**	**25**	**EPA-8260**	**01/25/10**	**01/27/10 03:20**	**MGC**	**MS-V5**	**50**	**BTA1473**	**ND**	**A01**
Toluene	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 22:37	MGC	MS-V5	1	BTA1473	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	01/25/10	01/26/10 22:37	MGC	MS-V5	1	BTA1473	ND	
Ethanol	ND	ug/L	250	EPA-8260	01/25/10	01/26/10 22:37	MGC	MS-V5	1	BTA1473	ND	
Total Purgeable Petroleum Hydrocarbons	**190**	**ug/L**	**50**	**Luft-GC/MS**	**01/25/10**	**01/26/10 22:37**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 22:37	MGC	MS-V5	1	BTA1473		
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 03:20	MGC	MS-V5	50	BTA1473		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 22:37	MGC	MS-V5	1	BTA1473		
Toluene-d8 (Surrogate)	98.9	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 03:20	MGC	MS-V5	50	BTA1473		
4-Bromofluorobenzene (Surrogate)	94.3	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 03:20	MGC	MS-V5	50	BTA1473		
4-Bromofluorobenzene (Surrogate)	96.4	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 22:37	MGC	MS-V5	1	BTA1473		

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1001136-05 | **Client Sample Name:** 0752, MW-6, 1/25/2010 10:02:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**4.8**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 16:58**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	01/25/10	01/26/10 16:58	MGC	MS-V5	1	BTA1473	ND	
Methyl t-butyl ether	**390**	**ug/L**	**25**	**EPA-8260**	**01/25/10**	**01/27/10 03:48**	**MGC**	**MS-V5**	**50**	**BTA1473**	**ND**	**A01**
Toluene	**0.63**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 16:58**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Total Xylenes	**1.4**	**ug/L**	**1.0**	**EPA-8260**	**01/25/10**	**01/26/10 16:58**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Ethanol	ND	ug/L	250	EPA-8260	01/25/10	01/26/10 16:58	MGC	MS-V5	1	BTA1473	ND	
Total Purgeable Petroleum Hydrocarbons	**410**	**ug/L**	**50**	**Luft-GC/MS**	**01/25/10**	**01/26/10 16:58**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 16:58	MGC	MS-V5	1	BTA1473		
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 03:48	MGC	MS-V5	50	BTA1473		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 03:48	MGC	MS-V5	50	BTA1473		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 16:58	MGC	MS-V5	1	BTA1473		
4-Bromofluorobenzene (Surrogate)	111	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 16:58	MGC	MS-V5	1	BTA1473		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 03:48	MGC	MS-V5	50	BTA1473		

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1001136-06 | **Client Sample Name:** 0752, MW-5, 1/25/2010 10:21:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**7.6**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 22:09**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Ethylbenzene	**2.4**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 22:09**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Methyl t-butyl ether	**1.7**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 22:09**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Toluene	**3.6**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 22:09**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Total Xylenes	**15**	**ug/L**	**1.0**	**EPA-8260**	**01/25/10**	**01/26/10 22:09**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Ethanol	ND	ug/L	250	EPA-8260	01/25/10	01/26/10 22:09	MGC	MS-V5	1	BTA1473	ND	
Total Purgeable Petroleum Hydrocarbons	**1600**	**ug/L**	**50**	**Luft-GC/MS**	**01/25/10**	**01/26/10 22:09**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	114	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 22:09	MGC	MS-V5	1	BTA1473		
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 22:09	MGC	MS-V5	1	BTA1473		
4-Bromofluorobenzene (Surrogate)	115	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 22:09	MGC	MS-V5	1	BTA1473		

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1001136-07 | **Client Sample Name:** 0752, MW-3, 1/25/2010 10:49:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**79**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 17:26**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Ethylbenzene	**5.4**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 17:26**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Methyl t-butyl ether	**8100**	**ug/L**	**250**	**EPA-8260**	**01/25/10**	**01/27/10 04:16**	**MGC**	**MS-V5**	**500**	**BTA1473**	**ND**	**A01**
Toluene	**7.3**	**ug/L**	**0.50**	**EPA-8260**	**01/25/10**	**01/26/10 17:26**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Total Xylenes	**13**	**ug/L**	**1.0**	**EPA-8260**	**01/25/10**	**01/26/10 17:26**	**MGC**	**MS-V5**	**1**	**BTA1473**	**ND**	
Ethanol	ND	ug/L	250	EPA-8260	01/25/10	01/26/10 17:26	MGC	MS-V5	1	BTA1473	ND	
Total Purgeable Petroleum Hydrocarbons	**4900**	**ug/L**	**500**	**Luft-GC/MS**	**01/25/10**	**01/27/10 19:53**	**MGC**	**MS-V5**	**10**	**BTA1473**	**ND**	**A01**
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 17:26	MGC	MS-V5	1	BTA1473		
1,2-Dichloroethane-d4 (Surrogate)	114	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 19:53	MGC	MS-V5	10	BTA1473		
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 04:16	MGC	MS-V5	500	BTA1473		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 04:16	MGC	MS-V5	500	BTA1473		
Toluene-d8 (Surrogate)	105	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 17:26	MGC	MS-V5	1	BTA1473		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 19:53	MGC	MS-V5	10	BTA1473		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 19:53	MGC	MS-V5	10	BTA1473		
4-Bromofluorobenzene (Surrogate)	112	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/26/10 17:26	MGC	MS-V5	1	BTA1473		
4-Bromofluorobenzene (Surrogate)	99.6	%	86 - 115 (LCL - UCL)	EPA-8260	01/25/10	01/27/10 04:16	MGC	MS-V5	500	BTA1473		

TRC
123 Technology Drive
Irvine, CA 92618

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1001136-08 | **Client Sample Name:** 0752, MW-7, 1/25/2010 7:45:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**25**	**ug/L**	**0.50**	**EPA-8260**	**01/26/10**	**01/26/10 21:41**	**MGC**	**MS-V5**	**1**	**BTA1545**	**ND**	
Ethylbenzene	**0.54**	**ug/L**	**0.50**	**EPA-8260**	**01/26/10**	**01/26/10 21:41**	**MGC**	**MS-V5**	**1**	**BTA1545**	**ND**	
Methyl t-butyl ether	**16**	**ug/L**	**0.50**	**EPA-8260**	**01/26/10**	**01/26/10 21:41**	**MGC**	**MS-V5**	**1**	**BTA1545**	**ND**	
Toluene	**3.5**	**ug/L**	**0.50**	**EPA-8260**	**01/26/10**	**01/26/10 21:41**	**MGC**	**MS-V5**	**1**	**BTA1545**	**ND**	
Total Xylenes	**6.9**	**ug/L**	**1.0**	**EPA-8260**	**01/26/10**	**01/26/10 21:41**	**MGC**	**MS-V5**	**1**	**BTA1545**	**ND**	
Ethanol	ND	ug/L	250	EPA-8260	01/26/10	01/26/10 21:41	MGC	MS-V5	1	BTA1545	ND	
Total Purgeable Petroleum Hydrocarbons	**490**	**ug/L**	**50**	**Luft-GC/MS**	**01/26/10**	**01/26/10 21:41**	**MGC**	**MS-V5**	**1**	**BTA1545**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260	01/26/10	01/26/10 21:41	MGC	MS-V5	1	BTA1545		
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)	EPA-8260	01/26/10	01/26/10 21:41	MGC	MS-V5	1	BTA1545		
4-Bromofluorobenzene (Surrogate)	115	%	86 - 115 (LCL - UCL)	EPA-8260	01/26/10	01/26/10 21:41	MGC	MS-V5	1	BTA1545		

TRC
123 Technology Drive
Irvine, CA 92618

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

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
Benzene	BTA1473	Matrix Spike	0917254-56	ND	25.260	25.000	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0917254-56	ND	26.040	25.000	ug/L	3.0	104	20	70 - 130	
Toluene	BTA1473	Matrix Spike	0917254-56	ND	25.950	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0917254-56	ND	26.850	25.000	ug/L	3.4	107	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BTA1473	Matrix Spike	0917254-56	ND	10.300	10.000	ug/L		103		76 - 114	
		Matrix Spike Duplicate	0917254-56	ND	10.400	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BTA1473	Matrix Spike	0917254-56	ND	10.050	10.000	ug/L		100		88 - 110	
		Matrix Spike Duplicate	0917254-56	ND	10.050	10.000	ug/L		100		88 - 110	
4-Bromofluorobenzene (Surrogate)	BTA1473	Matrix Spike	0917254-56	ND	10.890	10.000	ug/L		109		86 - 115	
		Matrix Spike Duplicate	0917254-56	ND	10.300	10.000	ug/L		103		86 - 115	
Benzene	BTA1545	Matrix Spike	1001141-03	ND	26.610	25.000	ug/L		106		70 - 130	
		Matrix Spike Duplicate	1001141-03	ND	25.810	25.000	ug/L	3.1	103	20	70 - 130	
Toluene	BTA1545	Matrix Spike	1001141-03	ND	26.010	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	1001141-03	ND	25.590	25.000	ug/L	1.6	102	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BTA1545	Matrix Spike	1001141-03	ND	10.890	10.000	ug/L		109		76 - 114	
		Matrix Spike Duplicate	1001141-03	ND	10.110	10.000	ug/L		101		76 - 114	
Toluene-d8 (Surrogate)	BTA1545	Matrix Spike	1001141-03	ND	10.060	10.000	ug/L		101		88 - 110	
		Matrix Spike Duplicate	1001141-03	ND	9.9700	10.000	ug/L		99.7		88 - 110	
4-Bromofluorobenzene (Surrogate)	BTA1545	Matrix Spike	1001141-03	ND	10.910	10.000	ug/L		109		86 - 115	
		Matrix Spike Duplicate	1001141-03	ND	9.8400	10.000	ug/L		98.4		86 - 115	

TRC
123 Technology Drive
Irvine, CA 92618

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

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
Benzene	BTA1473	BTA1473-BS1	LCS	26.020	25.000	0.50	ug/L	104		70 - 130		
Toluene	BTA1473	BTA1473-BS1	LCS	26.100	25.000	0.50	ug/L	104		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BTA1473	BTA1473-BS1	LCS	10.470	10.000		ug/L	105		76 - 114		
Toluene-d8 (Surrogate)	BTA1473	BTA1473-BS1	LCS	10.000	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BTA1473	BTA1473-BS1	LCS	10.310	10.000		ug/L	103		86 - 115		
Benzene	BTA1545	BTA1545-BS1	LCS	25.980	25.000	0.50	ug/L	104		70 - 130		
Toluene	BTA1545	BTA1545-BS1	LCS	25.290	25.000	0.50	ug/L	101		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BTA1545	BTA1545-BS1	LCS	10.220	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BTA1545	BTA1545-BS1	LCS	9.8200	10.000		ug/L	98.2		88 - 110		
4-Bromofluorobenzene (Surrogate)	BTA1545	BTA1545-BS1	LCS	9.5700	10.000		ug/L	95.7		86 - 115		

TRC
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Irvine, CA 92618

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/28/2010 14:25

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	BTA1473	BTA1473-BLK1	ND	ug/L	0.50		
Ethylbenzene	BTA1473	BTA1473-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BTA1473	BTA1473-BLK1	ND	ug/L	0.50		
Toluene	BTA1473	BTA1473-BLK1	ND	ug/L	0.50		
Total Xylenes	BTA1473	BTA1473-BLK1	ND	ug/L	1.0		
Ethanol	BTA1473	BTA1473-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BTA1473	BTA1473-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BTA1473	BTA1473-BLK1	102	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTA1473	BTA1473-BLK1	98.8	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTA1473	BTA1473-BLK1	96.2	%	86 - 115 (LCL - UCL)		
Benzene	BTA1545	BTA1545-BLK1	ND	ug/L	0.50		
Ethylbenzene	BTA1545	BTA1545-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BTA1545	BTA1545-BLK1	ND	ug/L	0.50		
Toluene	BTA1545	BTA1545-BLK1	ND	ug/L	0.50		
Total Xylenes	BTA1545	BTA1545-BLK1	ND	ug/L	1.0		
Ethanol	BTA1545	BTA1545-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BTA1545	BTA1545-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BTA1545	BTA1545-BLK1	106	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BTA1545	BTA1545-BLK1	98.2	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BTA1545	BTA1545-BLK1	101	%	86 - 115 (LCL - UCL)		

TRC	Project: 0752	**Reported:** 01/28/2010 14:25
123 Technology Drive	Project Number: [none]	
Irvine, CA 92618	Project Manager: Anju Farfan	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.

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

Submission #: 10-01136

SHIPPING INFORMATION

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

SHIPPING CONTAINER

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

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

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

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

COC Received ☑ YES ☐ NO

Emissivity: 0.95 Container: QTRE Thermometer ID: #163

Temperature: A 5.8 °C / C 5.8 °C

Date/Time 1-25-10 2120

Analyst Init JDW

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

Comments:_____

Sample Numbering Completed By: CAM Date/Time: 1/26/10 0859

A = Actual / C = Corrected

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

CHK BY DISTRIBUTION

SUB-OUT

10-0136

BC LABORATORIES, INC.

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

CHK BY DISTRIBUTION

CHAIN OF CUSTODY

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**	
Address: 800 Harrison St.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan	
City: Oakland	**4-digit site#:** 0752	
	Workorder # 01086	
State: CA **Zip:**	**Project #:** 173845	
Conoco Phillips Mgr: Shelby LaThrop	**Sampler Name:** JOE L.	

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/ oxygenates	BTEX/MTBE by 8260B	ETHANOL by 8260B	TPH –G by GC/MS				Turnaround Time Requested
-1		MW-2	01-25-10 0826	GW					X	X	X				STD
-2		MW-1	0852												
-3		MW-8	0754												
-4		MW-4	0922												
-5		MW-6	1002												
-6		MW-5	1021												
-7		MW-3	1049												
-8		MW-7	0745												

Comments:

GLOBAL ID: T0600101486

Relinquished by: (Signature) Joe D. Lemus	Received by: Ross Dickey	Date & Time 01-25-10 1324
Relinquished by: (Signature) Ross Dickey 1/25/10	Received by: R Reynolds	Date & Time 1-25-10 1815
Relinquished by: (Signature) R Reynolds 1-25-10 2115	Received by:	Date & Time 1/25 2115

STATEMENTS

Purge Water Disposal

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

Limitations

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

ATTACHMENT 2

ASE'S FIRST QUARTER 2010 DATA

Quarterly Status Summary Report – First Quarter 2010
800, 726, and 706 Harrison Street
Oakland, California

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

March 2, 2010

GROUNDWATER SAMPLING DATA REPORT
JANUARY GROUNDWATER SAMPLING
ASE JOB NO. 3412

at
Yee Property
726 Harrison Street
Oakland, CA 94602

Prepared by:
AQUA SCIENCE ENGINEERS, INC.
55 Oak Court, Suite 220
Danville, CA 94526
(925) 820-9391

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

1.0 INTRODUCTION

Site Location (Site), See Figure 1
Yee Property
(Previously Former Chan's Shell Station)
726 Harrison Street
Oakland, CA 94602
(510) 444-6583

Responsible Party
Peter Yee
1000 San Antonio Avenue
Alameda, CA 94501

Environmental Consulting Firm
Aqua Science Engineers, Inc. (ASE)
55 Oak Court, Suite 220
Danville, CA 94526
Contact: Robert Kitay, Senior Geologist
(925) 820-9391

Agency Review
Alameda County Health
Care Services Agency (ACHCSA)
1131 Harbor Bay Pkwy
Suite 250
Alameda, CA 94502
Contact: Mr. Steven Plunkett
(510) 567-6700

The following is a report detailing the January 2010 groundwater sampling at the Yee Property, previously referred to as the former Chan's Shell Station. This sampling was conducted as required by the ACHCSA and RWQCB. ASE has prepared this report on behalf of Peter Yee, the current responsible party, who purchased the property from Kin Chan. This report is intended to supplement the ASE report: "Report of Soil and Groundwater Assessment" dated January 8, 1999. At the request of the ACHCSA, one report is to be submitted for the three properties with comingled plumes: Yee property, the adjacent property former ARCO Station located at 706 Harrison Street, and the operating 76 Station located at 800 Harrison Street. A full report will be written by Stantec Consulting Corporation. This report only provides a description of the sampling and data collected at the Yee property.

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On January 25, 2010, ASE measured the depth to groundwater in all five site monitoring wells using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. No free-floating hydrocarbons were observed in any site well. ASE coordinated this groundwater sampling with Conestoga-Rovers and Associates, Inc., (CRA), who is investigating the adjacent property located at 706 Harrison Street, referred to in this report as the former ARCO station and Stantec Consulting Corporation, who is investigating the 76 Station located at 800 Harrison Street. Groundwater elevation data for the Yee property is presented in Table One.

3.0 GROUNDWATER SAMPLE COLLECTION

On January 25, 2010, ASE collected groundwater samples from monitoring wells MW-1 through MW-5. Prior to sampling, each well was purged of three well casing volumes of groundwater using disposable polyethylene bailers. The parameters pH, temperature and conductivity were monitored during the well purging, and samples were not collected until these parameters stabilized. Groundwater samples were collected from each well using disposable polyethylene bailers and were decanted from the bottom of the bailers using low-flow emptying devices into 40-ml volatile organic analysis (VOA) vials, pre-preserved with hydrochloric acid. The samples were capped without headspace, labeled, and placed in coolers with wet ice for transport to Kiff Analytical, LLC, (KIFF) of Davis, California under appropriate chain-of-custody documentation. Well sampling field logs are presented in Appendix A. Well sampling purge water was contained in a sealed and labeled 55-gallon steel drum and is being currently stored on-site until off-site disposal can be arranged. See Appendix A for copies of the well sampling field logs.

4.0 GROUNDWATER SAMPLING ANALYSIS

All groundwater samples were analyzed by KIFF for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene and total xylenes (collectively known as BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8260B. The analytical results for this and previous sampling periods are presented in Table Two. The certified analytical report and chain-of-custody documentation are included as Appendix B. All data interpretation will be provided in the report prepared by Stantec Consulting Corporation for all three properties in the comingled plume.

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

6.0 REPORT LIMITATIONS

The results presented in this report represent conditions at the time of the groundwater sampling, at the specific locations where the groundwater samples were collected, and for the specific parameters analyzed by the laboratory. It does not fully characterize the site for contamination resulting from sources other than the former underground storage tanks and associated plumbing at the site, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of an independent CAL-DHS certified laboratory. The independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.

Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project, and trust that this report meets your needs. Please feel free to call us at (925) 820-9391 if you have any questions or comments.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

Robert E. Kitay, P.G., R.E.A.
Senior Geologist

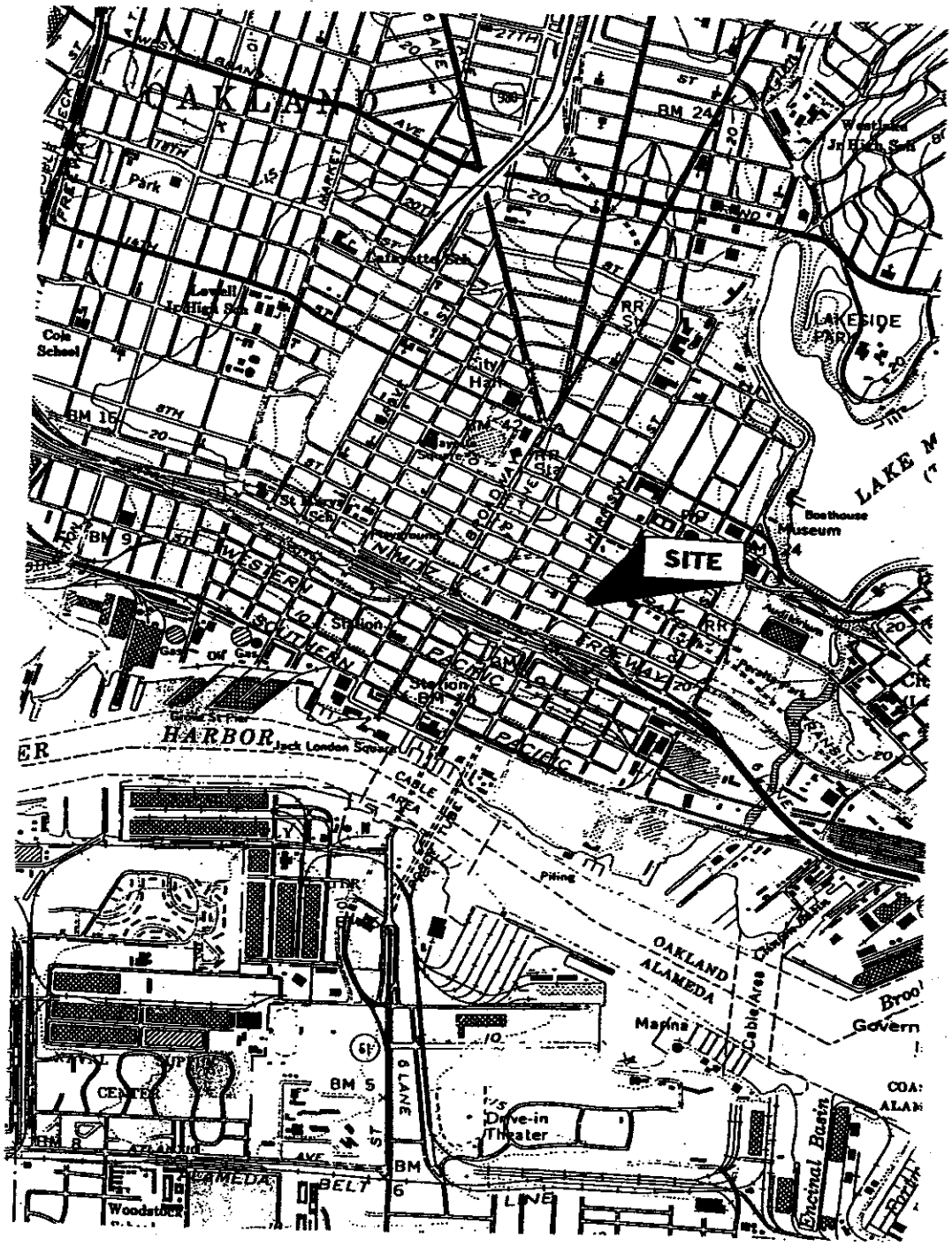
Attachments: Figures 1 and 2
Appendices A and B

cc: Ms. Laura Shook, Stantec Consulting Corporation
Mr. Bob Foss, Conestoga-Rovers and Associates, Inc.
Mr. Steven Plunkett, Alameda County Health Care Services Agency
RWQCB, San Francisco Bay Region via Geotracker

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

FIGURES

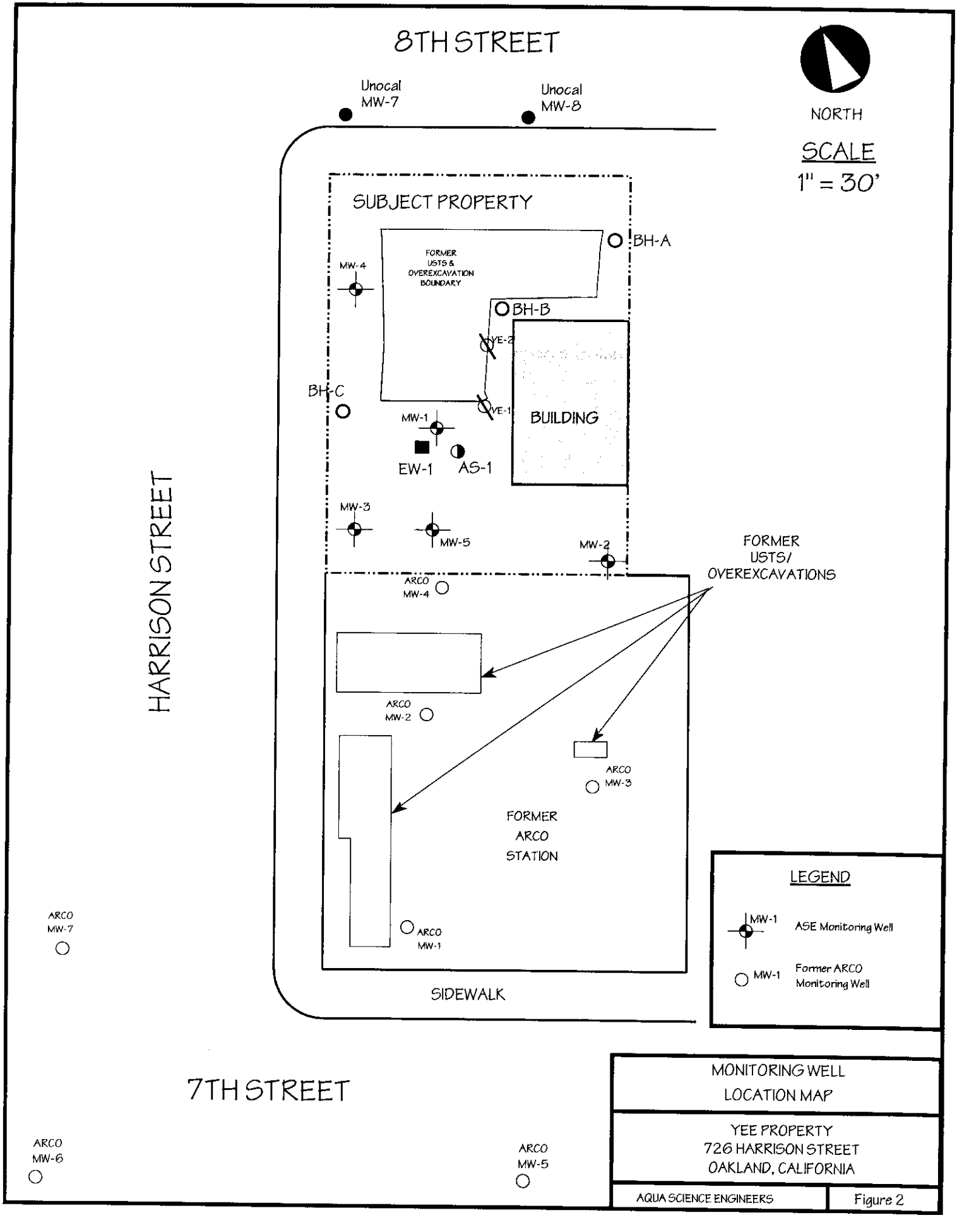
NORTH



SITE LOCATION MAP

YEE PROPERTY
726 HARRISON STREET
OAKLAND, CALIFORNIA

AQUA SCIENCE ENGINEERS | Figure 1



MONITORING WELL LOCATION MAP

YEE PROPERTY
726 HARRISON STREET
OAKLAND, CALIFORNIA

AQUA SCIENCE ENGINEERS | Figure 2

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

TABLES

TABLE ONE

Groundwater Elevation Data

Yee Property

726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-1	12/15/98	31.95*	17.32	14.63
	3/4/99		15.52	16.43
	6/17/99		16.9	15.05
	8/27/99		17.39	14.56
	12/9/99		18.03	13.92
	3/7/00		15.11	16.84
	6/7/00		16.66	15.29
	10/11/00		18.08	13.87
	1/18/01		17.96	13.99
	4/5/01		16.35	15.60
	7/17/01		16.94	15.01
	10/5/01	28.98	17.35	11.63
	1/18/02		15.40	13.58
	4/11/02		15.76	13.22
	7/8/02		16.17	12.81
	10/9/02		16.72	12.26
	1/29/03		16.26	12.72
	4/11/03		16.56	12.42
	7/18/03		16.42	12.56
	10/9/03		16.88	12.10
	1/28/04		16.10	12.88
	4/7/04		15.43	13.55
	7/23/04		16.41	12.57
	10/12/04		17.73	11.25
	1/29/05		15.02	13.96
	4/28/05		14.99	13.99
	7/19/05		16.36	12.62
	10/18/05		17.82	11.16
	1/23/06		15.80	13.18
	4/12/06		13.24	15.74
	7/10/06		15.64	13.34
	10/16/06		17.51	11.47
	1/26/07		18.36	10.62
	4/18/07		17.79	11.19
	8/2/07		18.20	10.78
	10/23/07		18.75	10.23
	1/30/08		17.90	11.08
	4/18/08		18.21	10.77
	7/28/08		18.85	10.13
	10/29/08		19.24	9.74
	1/26/09		19.17	9.81
	8/3/09	31.98	18.62	13.36
	1/25/10		**18.26**	**13.72**

TABLE ONE

Groundwater Elevation Data

Yee Property

726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-2	12/15/98	32.40*	18.03	14.37
	3/4/99		16.11	16.29
	6/17/99		17.72	14.68
	8/27/99		Inaccessible	
	12/9/99		Inaccessible	
	3/7/00		Inaccessible	
	6/7/00		17.67	14.73
	10/11/00		18.91	13.49
	1/18/01		18.66	13.74
	4/5/01		16.97	15.43
	7/17/01		17.54	14.86
	10/5/01	29.44	17.98	11.46
	1/18/02		15.87	13.57
	4/11/02		16.36	13.08
	7/8/02		16.72	12.72
	10/9/02		17.33	12.11
	1/29/03		16.82	12.62
	4/11/03		17.15	12.29
	7/18/03		17.05	12.39
	10/9/03		17.52	11.92
	1/28/04		16.70	12.74
	4/7/04		16.02	13.42
	7/23/04		Inaccessible	
	10/12/04		17.31	12.13
	1/29/05		15.46	13.98
	4/28/05		15.79	13.65
	7/19/05		17.25	12.19
	10/18/05		17.72	11.72
	1/23/05		15.65	13.79
	4/12/06		12.33	17.11
	7/10/06		16.58	12.86
	10/16/06		18.33	11.11
	1/26/07		19.21	10.23
	4/18/07		18.58	10.86
	8/2/07		19.02	10.42
	10/23/07		Inaccessible	
	1/30/08		18.63	10.81
	4/18/08		19.04	10.40
	7/28/08		Inaccessible	
	10/29/08		20.01	9.43
	1/26/09		19.84	9.60
	8/3/09	32.44	19.39	13.05
	1/25/10		**18.67**	**13.77**

TABLE ONE

Groundwater Elevation Data

Yee Property

726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-3	12/15/98	31.61*	17.26	14.35
	3/4/99		15.47	16.14
	6/17/99		16.92	14.69
	8/27/99		17.40	14.21
	12/9/99		18.01	13.60
	3/7/00		16.15	15.46
	6/7/00		16.85	14.76
	10/11/00		18.07	13.54
	1/18/01		17.89	13.72
	4/5/01		16.21	15.40
	7/17/01		16.90	14.71
	10/5/01	28.64	17.32	11.32
	1/18/02		15.35	13.29
	4/11/02		15.82	12.82
	7/8/02		16.15	12.49
	10/9/02		16.67	11.97
	1/29/03		16.19	12.45
	4/11/03		16.49	12.15
	7/18/03		16.42	12.22
	10/9/03		16.80	11.84
	1/28/03		15.94	12.70
	4/7/04		15.28	13.36
	7/23/04		16.15	12.49
	10/12/04		16.63	12.01
	1/29/05		16.15	12.49
	4/28/05		14.94	13.70
	7/19/05		16.25	12.39
	10/18/05		16.76	11.88
	1/23/06		15.81	12.83
	4/12/06		13.22	15.42
	7/10/06		15.49	13.15
	10/16/06		17.46	11.18
	1/26/07		18.02	10.62
	4/18/07		17.75	10.89
	8/2/07		18.38	10.26
	10/23/07		19.61	9.03
	1/30/08		17.65	10.99
	4/18/08		18.08	10.56
	7/28/08		18.77	9.87
	10/29/08		19.14	9.50
	1/26/09		19.06	9.58
	8/3/09	31.64	18.51	13.13
	1/25/10		**18.02**	**13.62**

TABLE ONE

Groundwater Elevation Data

Yee Property

726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-4	12/15/98	32.53*	17.59	14.94
	3/4/99		15.88	16.65
	6/17/99		17.14	15.39
	8/27/99		17.65	14.88
	12/9/99		18.28	14.25
	3/7/00		15.41	17.12
	6/7/00		17.09	15.44
	10/11/00		18.33	14.20
	1/18/01		18.23	14.30
	4/5/01		16.69	15.84
	7/17/01		17.32	15.21
	10/5/01	29.58	17.71	11.87
	1/18/02		15.85	13.73
	4/11/02		16.14	13.44
	7/8/02		16.56	13.02
	10/9/02		17.09	12.49
	1/29/03		16.65	12.93
	4/11/03		16.93	12.65
	7/18/03		16.78	12.80
	10/9/03		17.26	12.32
	1/28/04		16.38	13.20
	4/7/04		15.64	13.94
	7/23/04		16.58	13.00
	10/12/04		Inaccessible	
	1/29/05		14.90	14.68
	4/28/05		15.18	14.40
	7/19/05		16.48	13.10
	10/18/05		16.99	12.59
	1/23/06		15.09	14.49
	4/12/06		13.49	16.09
	7/10/06		14.99	14.59
	10/16/06		17.29	12.29
	1/26/07		18.17	11.41
	4/18/07		18.06	11.52
	8/2/07		18.45	11.13
	10/23/07		18.99	10.59
	1/30/08		18.14	11.44
	4/18/08		18.49	11.09
	7/28/08		19.15	10.43
	10/29/08		19.53	10.05
	1/26/09		19.52	10.06
	8/3/09	32.56	18.91	13.65
	1/25/10		**18.51**	**14.05**

TABLE ONE

Groundwater Elevation Data

Yee Property

726 Harrison St., Oakland, CA

Well ID	Date of Measurement	Top of Casing Elevation (Relative to Mean Sea Level)	Depth to Water (feet)	Groundwater Elevation (project data)
MW-5	8/29/01	29.06	17.42	11.64
	1/18/02		15.68	13.38
	4/11/02		16.17	12.89
	7/18/02		16.51	12.55
	10/9/02		17.10	11.96
	1/29/03		16.58	12.48
	4/11/03		16.87	12.19
	7/18/03		16.77	12.29
	10/9/03		17.21	11.85
	1/28/04		16.34	12.72
	4/7/04		15.38	13.68
	7/23/04		16.55	12.51
	10/12/04		17.02	12.04
	1/29/05		15.23	13.83
	4/28/05		15.41	13.65
	7/19/05		16.79	12.27
	10/18/05		17.28	11.78
	1/23/06		15.28	13.78
	4/12/06		13.66	15.40
	7/10/06		16.14	12.92
	10/16/06		19.33	9.73
	1/26/07		18.94	10.12
	4/18/07		18.21	10.85
	8/2/07		19.00	10.06
	10/23/07		19.15	9.91
	1/30/08		18.21	10.85
	4/18/08		18.61	10.45
	7/28/08		19.23	9.83
	10/29/08		19.62	9.44
	1/26/09		19.51	9.55
	8/3/09	32.06	19.00	13.06
	1/25/10		**18.43**	**13.63**

* Top of casing elevation relative to arbitrary project datum

TABLE TWO

Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
MW-1						
7/3/97	18,000	2,700	350	450	900	7,400
12/5/98	18,000	1,500	270	260	560	14,000
3/4/99	44,000	2,800	400	440	960	43,000
6/17/99	33,000	2,200	250	460	660	25,000
8/27/99	6,000	1,000	97	190	230	14,000/ 16,000*
12/9/99	15,000	1,500	160	220	420	17,000
3/7/00	9,300	1,500	210	66	530	12,000
6/7/00	26,000**	1,700	< 250	360	580	30,000
10/11/00	13,000**	1,600	< 100	140	160	19,000
1/18/01	14,000**	450	< 100	110	230	9,600
4/5/01	38,000	2,200	180	290	590	35,000
7/17/01	35,000**	1,800	< 100	300	170	35,000
10/5/01	17,000	1,500	210	420	790	27,000
1/18/02	18,000	1,500	120	160	220	22,000
4/11/02	41,000	2,700	210	340	380	30,000
7/8/02	36,000	2,800	140	360	300	31,000
10/9/02	30,000	1,700	310	< 100	< 100	19,000
1/29/03	26,000	2,400	< 100	310	520	20,000
4/11/03	22,000	1,700	< 100	270	580	16,000
7/18/03	40,000	3,200	290	480	830	39,000
10/9/03	54,000**	3,300	< 130	350	310	49,000
1/28/04	26,000***	3,000	310	420	800	31,000
4/7/04	33,000***	2,800	130	310	310	39,000
7/23/04	56,000***	4,500	< 250	390	< 500	53,000
10/12/04	25,000***	1,400	< 250	< 250	< 500	25,000
1/29/05	24,000	1,600	< 100	160	< 200	19,000
4/28/05	< 10,000	2,000	< 100	160	100	34,000
7/19/05	37,000	2,100	83	210	230	28,000
10/18/05	37,000	1,300	< 250	< 250	< 250	23,000
1/24/06	23,000	780	< 100	160	260	11,000
4/12/06	11,000	1,500	87	360	670	17,000
7/10/06	72,000	4,700	< 250	350	< 500	66,000
10/16/06	26,000	1,600	< 250	330	< 500	22,000
1/26/07	7,200	1,500	< 70	140	96	34,000
4/18/07	5,400	1,100	< 50	200	120	21,000
8/2/07	6,600	1,500	64	240	190	32,000
10/23/07	5,900	1,300	52	200	180	28,000
1/30/08	2,700	300	21	64	90	5,200
4/18/08	3,800	930	41	110	130	15,000
7/28/08	6,000	900	52	140	160	10,000
10/29/08	7,300	1,700	74	140	220	17,000
1/26/09	4,900	720	48	140	180	6,300
8/3/09	4,000	870	44	110	120	13,000
1/25/10	**3,200**	**360**	**26**	**82**	**86**	**3,000**

TABLE TWO

Summary of Analytical Results for GROUNDWATER Samples
Yee Property
726 Harrison St., Oakland, CA
All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
MW-2						
12/5/98	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
3/4/99	Inaccessible due to car parked over well					
6/17/99	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
8/27/99	Inaccessible due to car parked over well					
12/9/99	Inaccessible due to car parked over well					
3/7/00	Inaccessible due to car parked over well					
6/7/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
10/11/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/18/01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
4/5/01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
7/17/01	No longer sampled					
7/10/06	< 50	< 0.50	< 0.50	< 0.50	< 1.0	4.5
10/16/07	< 50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.5
1/26/07	< 50	0.55	1.0	< 0.50	1.4	0.97
4/18/07	< 50	1.5	2.6	0.93	3.2	0.64
8/2/07	< 50	< 0.50	< 0.50	< 0.50	< 0.50	2.2
10/23/07	Inaccessible due to car parked over well					
1/30/08	< 50	< 0.50	< 0.50	< 0.50	< 0.50	300
4/18/08	< 50	< 0.50	< 0.50	< 0.50	< 0.50	40
7/28/08	Inaccessible due to car parked over well					
10/29/08	< 50	< 0.50	< 0.50	< 0.50	< 0.50	300
1/26/09	< 50	< 0.50	< 0.50	< 0.50	< 0.50	120
8/3/09	< 50	< 0.50	< 0.50	< 0.50	< 0.50	1.0
1/25/10	**< 50**	**< 0.50**	**< 0.50**	**< 0.50**	**< 0.50**	12

TABLE TWO

Summary of Analytical Results for GROUNDWATER Samples

Yee Property

726 Harrison St., Oakland, CA

All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
MW-3						
12/5/98	6,500	< 50	50	60	502	3,900
3/4/99	2,800	< 25	< 25	< 25	< 25	1,600
6/17/99	1,000	< 10	< 10	< 10	< 10	1,400
8/27/99	230	< 0.5	0.51	0.5	1	1,500/ 1,600*
12/9/99	870**	< 0.5	< 0.5	< 0.5	< 0.5	2,100
3/7/00	150**	4	< 0.5	< 0.5	< 0.5	830
6/7/00	140**	< 0.5	< 0.5	< 0.5	< 0.5	1,100
10/11/00	620**	< 5.0	< 5.0	< 5.0	< 5.0	1,500
1/18/01	1,200**	< 5.0	< 5.0	< 5.0	< 5.0	1,000
4/5/01	1,700**	< 5.0	< 5.0	< 5.0	< 5.0	1,900
7/17/01	1,400**	< 10	< 10	< 10	< 10	1,700
10/5/01	< 1,000	< 10	< 10	< 10	< 10	1,700
1/18/02	1,600	26	20	16	54	2,100
4/11/02	2,600	21	16	< 10	21	2,300
7/8/02	2,800	< 10	< 10	< 10	< 10	3,800
10/9/02	6,000	< 50	< 50	< 50	< 50	4,900
1/29/03	1,800	< 10	< 10	< 10	< 10	2,300
4/11/03	2,900	< 25	< 25	< 25	< 25	3,100
7/18/03	3,400	< 10	< 10	< 10	< 10	3,200
10/9/03	2,300	< 10	< 10	< 10	< 10	2,700
1/28/03	1,700**	< 10	< 10	< 10	< 10	2,900
4/7/04	2,700**	< 10	< 10	< 10	< 20	3,600
7/23/04	4,200**	< 25	< 25	< 25	< 50	4,900
10/12/04	5,000**	< 50	< 50	< 50	< 100	5,900
1/29/05	< 1,000	< 10	< 10	< 10	< 20	3,100
4/28/05	< 200	< 2.0	< 2.0	< 2.0	< 2.0	1,300
7/19/05	4,400	< 20	< 20	< 20	< 40	3,000
10/18/05	18,000	< 50	< 50	< 50	< 50	6,800
1/24/06	17,000	< 100	< 100	< 100	< 200	7,000
4/12/06	< 200	< 2.0	< 2.0	< 2.0	< 2.0	7,800
7/10/06	11,000	< 100	< 100	< 100	< 200	12,000
10/16/06	< 10,000	< 100	< 100	< 100	< 100	17,000
1/26/07	< 200	< 2.0	< 2.0	< 2.0	< 2.0	4,000
4/18/07	< 900	< 9.0	< 9.0	< 9.0	< 9.0	11,000
8/2/07	110	< 0.80	< 0.80	< 0.80	2.0	410
10/23/07	< 80	< 0.80	< 0.80	< 0.80	< 0.80	480
1/30/08	< 80	< 0.80	< 0.80	< 0.80	< 0.80	430
4/18/08	< 50	< 0.50	< 0.50	< 0.50	< 0.50	350
7/28/08	61	< 0.50	< 0.50	< 0.50	< 0.50	140
10/29/08	120	< 0.50	< 0.50	< 0.50	< 0.50	640
1/26/09	210	1.9	< 1.5	< 1.5	< 1.5	1,300
8/3/09	< 250	< 2.5	< 2.5	< 2.5	< 2.5	1,600
1/25/10	87	< 0.50	< 0.50	< 0.50	< 0.50	300

TABLE TWO

Summary of Analytical Results for GROUNDWATER Samples

Yee Property

726 Harrison St., Oakland, CA

All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
MW-4						
12/5/98	880	3	< 0.5	< 0.5	< 0.5	950
3/4/99	3,800	< 25	< 25	< 25	< 25	3,700
6/17/99	2,700	< 25	< 25	< 25	< 25	2,700
8/27/99	440	4.7	1.1	0.58	1.3	1,600/ 1,700*
12/9/99	1,100**	< 2.5	< 2.5	< 2.5	< 2.5	1,700
3/7/00	< 250	< 2.5	< 2.5	< 2.5	< 2.5	1,700
6/7/00	530**	8.8	< 2.5	< 2.5	< 2.5	440
10/11/00	700**	3.9	< 2.5	< 2.5	< 2.5	680
1/18/01	2,000**	< 2.5	< 2.5	< 2.5	< 2.5	780
4/5/01	810**	< 2.5	< 2.5	< 2.5	< 2.5	620
7/17/01	880**	< 2.5	< 2.5	< 2.5	< 2.5	570
10/5/01	550**	< 2.5	< 2.5	< 2.5	< 2.5	710
1/18/02	960**	< 5.0	< 5.0	< 5.0	< 5.0	1,300
4/11/02	1,100**	< 5.0	< 5.0	< 5.0	< 5.0	550
7/8/02	1,200**	< 5.0	< 5.0	< 5.0	< 5.0	890
10/9/02	1,300**	< 5.0	< 5.0	< 5.0	< 5.0	880
1/29/03	530**	< 1.0	< 1.0	< 1.0	< 1.0	190
4/11/03	690**	< 2.5	< 2.5	< 2.5	< 2.5	310
7/18/03	1,600**	< 10	< 10	< 10	< 10	1,300
10/9/03	1500***	< 10	< 10	< 10	< 10	1,400
1/28/04	1,200**	< 10	< 10	< 10	< 10	1,900
4/7/04	1,900**	< 10	< 10	< 10	< 20	2,200
7/23/04	1,800**	< 10	< 10	< 10	< 20	1,600
10/12/04	Inaccessible due to car parked over well					
1/29/05	< 1,300	< 13	< 13	< 13	< 25	3,900
4/28/05	510	< 1.5	< 1.5	< 1.5	< 1.5	510
7/19/05	5,400	< 50	< 50	< 50	< 100	2,700
10/18/05	10,000	< 50	< 50	< 50	< 50	9,000
1/24/06	10,000	< 100	< 100	< 100	< 200	8,300
4/12/06	1,900	< 10	< 10	< 10	< 20	2,200
7/10/06	750	5.4	< 5.0	< 5.0	< 10	790
10/16/06	2,400	< 10	< 10	< 10	< 10	2,200
1/26/07	250	< 1.5	< 1.5	< 1.5	< 1.5	7,000
4/18/07	< 400	< 4.0	< 4.0	< 4.0	< 4.0	2,300
8/2/07	400	< 4.0	< 4.0	< 4.0	< 4.0	4,500
10/23/07	< 500	< 5.0	< 5.0	< 5.0	< 5.0	3,400
1/30/08	580	89	1.5	< 0.90	2.5	500
4/18/08	660	13	0.58	0.51	0.94	180
7/28/08	520	19	0.97	1.4	2.6	71
10/29/08	480	38	1.8	4.5	4.3	420
1/26/09	470	51	2.2	4.2	5.2	180
8/3/09	320	62	< 0.5	0.59	< 0.5	120
1/25/10	820	110	1.9	1.3	5.5	8.8

TABLE TWO

Summary of Analytical Results for GROUNDWATER Samples

Yee Property

726 Harrison St., Oakland, CA

All results are in parts per billion (ppb)

Well ID & Dates Sampled	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE
MW-5						
8/29/01	14,000	1,300	470	230	800	14,000
1/18/02	24,000	3,200	1,300	390	1,500	5,700
4/11/02	23,000	2,700	980	38	950	4,300
7/8/02	19,000	3,300	25	360	1,100	2,100
10/9/02	24,000	2,800	990	360	820	2,400
1/29/03	17,000	2,100	1,400	380	1,400	< 250
4/11/03	26,000	2,900	2,200	590	2,200	630
7/18/03	26,000	3,500	1,700	480	1,300	1,300
10/9/03	27,000	3,800	1,900	510	1,700	1,200
1/28/04	29,000	4,800	2,900	770	2,300	3,300
4/7/04	23,000	4,400	2,700	720	2,200	1,700
7/23/04	29,000	5,200	2,200	810	1,400	2,200
10/12/04	26,000	4,300	2,000	670	1,300	2,200
7/18/03	8,200	650	77	99	140	4,300
10/9/03	5,700**	500	28	53	35	3,600
1/28/04	17,000***	1,600	90	250	280	9,700
4/7/04			No longer sampled			
1/24/06	21,000	1,800	1,200	270	820	13,000
7/10/06	45,000	3,700	2,600	650	1,800	23,000
10/16/06	66,000	4,200	3,300	800	2,100	35,000
1/26/07	30,000	3,200	2,600	610	2,400	38,000
4/18/07	30,000	4,300	3,300	800	2,600	27,000
8/2/07	26,000	3,700	2,800	690	1,900	32,000
10/23/07	34,000	4,400	3,700	860	3,200	34,000
1/30/08	28,000	3,900	2,800	750	2,300	26,000
4/18/08	30,000	4,300	3,200	810	2,000	32,000
7/28/08	34,000	3,700	3,000	740	2,900	28,000
10/29/08	29,000	3,300	2,900	680	2,800	27,000
1/26/09	19,000	2,100	1,500	410	1,500	18,000
8/3/09	28,000	3,500	2,800	630	2,600	28,000
1/25/10	**12,000**	**1,400**	**750**	**270**	**900**	**7,500**

Notes:

* EPA Method 8020/EPA Method 8260 (MTBE confirmation)

** Hydrocarbon reported in the gasoline range does not match the laboratory gasoline standard

*** Sample contains a discrete peak in addition to gasoline

ESL = Environmental screening levels presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (May 2007)" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region.

Most current data is in **Bold**

Non-detectable concentrations noted by the less than sign (<) followed by the laboratory reporting limit.

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME YEE

JOB NUMBER 3412 DATE OF SAMPLING 01.25.10

WELL ID. MW-1 SAMPLER DA

TOTAL DEPTH OF WELL 27.2 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 18.26

PRODUCT THICKNESS ~~0~~

DEPTH OF WELL CASING IN WATER 8.94

NUMBER OF GALLONS PER WELL CASING VOLUME 1.43

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.3

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0700 TIME EVACUATION COMPLETED 0713

TIME SAMPLES WERE COLLECTED 0715

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.3

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT MOD HC / SLIGHT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	65.8	6.99	559
2	66.5	↓	542
3	66.7	↓	545

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-1	3	40ml VOA	8260B	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME YEE

JOB NUMBER 3412 DATE OF SAMPLING 01.25.10

WELL ID. MW-2 SAMPLER DA

TOTAL DEPTH OF WELL 28.0 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 18.67

PRODUCT THICKNESS Ø

DEPTH OF WELL CASING IN WATER 9.33

NUMBER OF GALLONS PER WELL CASING VOLUME 1.49

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.5

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0820 TIME EVACUATION COMPLETED 0833

TIME SAMPLES WERE COLLECTED 0835

DID WELL GO DRY NO AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED 4.5

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT BRN ODOR/SEDIMENT NO/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	64.8		485
2	65.9		341
3	66.5		330

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-2	3	40ml VOA	8260B	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME YEE

JOB NUMBER 3412 DATE OF SAMPLING 01.25.10

WELL ID. MW-3 SAMPLER DA

TOTAL DEPTH OF WELL 29.2 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 18.02

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.18

NUMBER OF GALLONS PER WELL CASING VOLUME 1.78

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.3

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0740 TIME EVACUATION COMPLETED 0753

TIME SAMPLES WERE COLLECTED 0754

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5.3

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR CT GRAY ODOR/SEDIMENT SL HC / SLIGHT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	pH	CONDUCTIVITY
1	62.8		460
2	65.9		442
3	67.1		430

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-3	3	40ml VOA	8260B	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME YEE

JOB NUMBER 3412 DATE OF SAMPLING 01.25.10

WELL ID. MW-4 SAMPLER DA

TOTAL DEPTH OF WELL 29.7 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 18.51

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 11.19

NUMBER OF GALLONS PER WELL CASING VOLUME 1.79

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.3

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0720 TIME EVACUATION COMPLETED 0732

TIME SAMPLES WERE COLLECTED 0734

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5.3

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT NO / SLIGHT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	62.5	6.99	629
2	66.8	↓	625
3	67.5	↓	622

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-4	3	40ml VOA	8260B	✓

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME YEE

JOB NUMBER 3412 DATE OF SAMPLING 01-25-10

WELL ID. MW-5 SAMPLER DA

TOTAL DEPTH OF WELL 28.5 WELL DIAMETER 2

DEPTH TO WATER PRIOR TO PURGING 18.43

PRODUCT THICKNESS Ø

DEPTH OF WELL CASING IN WATER 10.07

NUMBER OF GALLONS PER WELL CASING VOLUME 1.61

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.8

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0759 TIME EVACUATION COMPLETED 0811

TIME SAMPLES WERE COLLECTED 0813

DID WELL GO DRY NO AFTER HOW MANY GALLONS

VOLUME OF GROUNDWATER PURGED 4.8

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT MOD HC/SC

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	[illegible]	CONDUCTIVITY
1	65.8		490
2	66.3		632
3	66.9		654

CRA SAID pH 6.6 - 6.8

SAMPLES COLLECTED

SAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
MW-5	3	40ml VOA	8260B	✓

1/2 EMPTY DRUM LEFT ON SITE (2 FULL DRUMS)

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220, Danville, CA 94526
(925) 820-9391 - Fax (925) 837-4853 - www.aquascienceengineers.com

APPENDIX B

Certified Analytical Report
and
Chain of Custody Documentation

KIFF Analytical LLC

Report Number : 71796
Date : 02/05/2010

Laboratory Results

David Allen
Aqua Science Engineers, Inc.
55 Oak Court, Suite 220
Danville, CA 94526

Subject : 5 Water Samples
Project Name : YEE
Project Number : 3412

Dear Mr. Allen,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC standard. All soil samples are reported on a total weight (wet weight) basis unless noted otherwise in the case narrative. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 71796
Date : 02/05/2010

Subject : 5 Water Samples
Project Name : YEE
Project Number : 3412

Case Narrative

Matrix Spike/Matrix Spike Duplicate results associated with sample MW-3 for the analyte Ethylbenzene were affected by the analyte concentrations already present in the un-spiked sample.

KIFF Analytical LLC

Report Number : 71796
Date : 02/05/2010

Project Name : **YEE**
Project Number : **3412**

Sample : **MW-1** Matrix : Water Lab Number : 71796-01
Sample Date :01/25/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**360**	25	ug/L	EPA 8260B	02/02/2010
Toluene	**26**	25	ug/L	EPA 8260B	02/02/2010
Ethylbenzene	**82**	25	ug/L	EPA 8260B	02/02/2010
Total Xylenes	**86**	25	ug/L	EPA 8260B	02/02/2010
Methyl-t-butyl ether (MTBE)	**3000**	25	ug/L	EPA 8260B	02/02/2010
TPH as Gasoline	**3200**	2500	ug/L	EPA 8260B	02/02/2010
1,2-Dichloroethane-d4 (Surr)	93.9		% Recovery	EPA 8260B	02/02/2010
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	02/02/2010

Sample : **MW-2** Matrix : Water Lab Number : 71796-02
Sample Date :01/25/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/01/2010
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	02/01/2010
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/01/2010
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	02/01/2010
Methyl-t-butyl ether (MTBE)	**12**	0.50	ug/L	EPA 8260B	02/01/2010
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	02/01/2010
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	02/01/2010
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	02/01/2010

KIFF Analytical LLC

Report Number : 71796
Date : 02/05/2010

Project Name : **YEE**
Project Number : **3412**

Sample : **MW-3** Matrix : Water Lab Number : 71796-03
Sample Date :01/25/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/03/2010
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	02/03/2010
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/03/2010
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	02/03/2010
Methyl-t-butyl ether (MTBE)	**300**	0.50	ug/L	EPA 8260B	02/03/2010
TPH as Gasoline	**87**	50	ug/L	EPA 8260B	02/03/2010
1,2-Dichloroethane-d4 (Surr)	97.5		% Recovery	EPA 8260B	02/03/2010
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	02/03/2010

Sample : **MW-4** Matrix : Water Lab Number : 71796-04
Sample Date :01/25/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**110**	0.50	ug/L	EPA 8260B	02/03/2010
Toluene	**1.9**	0.50	ug/L	EPA 8260B	02/03/2010
Ethylbenzene	**1.3**	0.50	ug/L	EPA 8260B	02/03/2010
Total Xylenes	**5.5**	0.50	ug/L	EPA 8260B	02/03/2010
Methyl-t-butyl ether (MTBE)	**8.8**	0.50	ug/L	EPA 8260B	02/03/2010
TPH as Gasoline	**820**	50	ug/L	EPA 8260B	02/03/2010
1,2-Dichloroethane-d4 (Surr)	97.0		% Recovery	EPA 8260B	02/03/2010
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	02/03/2010

KIFF Analytical LLC

Report Number : 71796
Date : 02/05/2010

Project Name : **YEE**
Project Number : **3412**

Sample : **MW-5** Matrix : Water Lab Number : 71796-05
Sample Date :01/25/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1400**	90	ug/L	EPA 8260B	02/04/2010
Toluene	**750**	90	ug/L	EPA 8260B	02/04/2010
Ethylbenzene	**270**	90	ug/L	EPA 8260B	02/04/2010
Total Xylenes	**900**	90	ug/L	EPA 8260B	02/04/2010
Methyl-t-butyl ether (MTBE)	**7500**	90	ug/L	EPA 8260B	02/04/2010
TPH as Gasoline	**12000**	9000	ug/L	EPA 8260B	02/04/2010
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	02/04/2010
Toluene - d8 (Surr)	99.8		% Recovery	EPA 8260B	02/04/2010

QC Report : Method Blank Data

Project Name : **YEE**

Project Number : **3412**

Report Number : 71796

Date : 02/05/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/01/2010
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	02/01/2010
Toluene - d8 (Surr)	100		%	EPA 8260B	02/01/2010
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/04/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/04/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/04/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/04/2010
1,2-Dichloroethane-d4 (Surr)	105		%	EPA 8260B	02/04/2010
Toluene - d8 (Surr)	101		%	EPA 8260B	02/04/2010
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/01/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/01/2010
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	02/01/2010
Toluene - d8 (Surr)	103		%	EPA 8260B	02/01/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/03/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/03/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/03/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/03/2010
1,2-Dichloroethane-d4 (Surr)	98.4		%	EPA 8260B	02/03/2010
Toluene - d8 (Surr)	105		%	EPA 8260B	02/03/2010
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/02/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/02/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/02/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/02/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/02/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/02/2010
1,2-Dichloroethane-d4 (Surr)	98.6		%	EPA 8260B	02/02/2010
Toluene - d8 (Surr)	99.8		%	EPA 8260B	02/02/2010

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 71796

Date : 02/05/2010

Project Name : **YEE**

Project Number : **3412**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	71791-01	4.0	40.5	40.4	46.8	45.5	ug/L	EPA 8260B	2/1/10	106	103	2.90	80-120	25
Ethylbenzene	71791-01	1.3	40.2	40.2	48.9	47.6	ug/L	EPA 8260B	2/1/10	118	115	2.66	80-120	25
Methyl-t-butyl ether	71791-01	18	40.6	40.5	55.6	55.3	ug/L	EPA 8260B	2/1/10	92.0	91.5	0.628	69.7-121	25
P + M Xylene	71791-01	1.0	39.2	39.1	45.0	43.8	ug/L	EPA 8260B	2/1/10	112	109	2.65	76.8-120	25
Tert-Butanol	71791-01	71	201	201	289	278	ug/L	EPA 8260B	2/1/10	108	103	5.05	80-120	25
Toluene	71791-01	<0.50	40.2	40.2	44.6	43.3	ug/L	EPA 8260B	2/1/10	111	108	2.73	80-120	25
Benzene	71821-02	<0.50	40.6	40.2	41.8	40.5	ug/L	EPA 8260B	2/4/10	103	100	2.43	80-120	25
Ethylbenzene	71821-02	<0.50	40.3	40.0	44.8	43.5	ug/L	EPA 8260B	2/4/10	111	109	2.27	80-120	25
Methyl-t-butyl ether	71821-02	<0.50	40.2	39.9	36.8	36.1	ug/L	EPA 8260B	2/4/10	91.6	90.6	1.09	69.7-121	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 71796

Date : 02/05/2010

Project Name : **YEE**

Project Number : **3412**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
P + M Xylene														
	71821-02	<0.50	39.2	38.9	41.6	40.2	ug/L	EPA 8260B	2/4/10	106	103	2.60	76.8-120	25
Tert-Butanol														
	71821-02	<5.0	199	198	204	199	ug/L	EPA 8260B	2/4/10	102	100	1.51	80-120	25
Toluene														
	71821-02	<0.50	40.3	40.0	42.6	41.1	ug/L	EPA 8260B	2/4/10	106	103	2.66	80-120	25
Benzene														
	71792-02	<0.50	40.6	40.6	39.0	38.5	ug/L	EPA 8260B	2/1/10	96.2	95.0	1.30	80-120	25
Ethylbenzene														
	71792-02	<0.50	40.3	40.3	41.4	40.6	ug/L	EPA 8260B	2/1/10	102	101	1.72	80-120	25
Methyl-t-butyl ether														
	71792-02	0.69	40.6	40.6	42.8	43.5	ug/L	EPA 8260B	2/1/10	104	105	1.56	69.7-121	25
P + M Xylene														
	71792-02	<0.50	39.2	39.2	40.8	40.4	ug/L	EPA 8260B	2/1/10	104	103	1.08	76.8-120	25
Tert-Butanol														
	71792-02	<5.0	202	202	199	199	ug/L	EPA 8260B	2/1/10	98.8	98.8	0.0259	80-120	25
Toluene														
	71792-02	<0.50	40.3	40.3	42.2	41.4	ug/L	EPA 8260B	2/1/10	104	103	1.73	80-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 71796

Date : 02/05/2010

Project Name : **YEE**

Project Number : **3412**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	71806-07	20	40.6	40.6	56.6	56.1	ug/L	EPA 8260B	2/3/10	89.6	88.2	1.60	80-120	25
Ethylbenzene	71806-07	260	40.3	40.3	270	268	ug/L	EPA 8260B	2/3/10	36.6	30.0	19.7	80-120	25
Methyl-t-butyl ether	71806-07	8.1	40.2	40.2	47.2	46.7	ug/L	EPA 8260B	2/3/10	97.2	96.0	1.18	69.7-121	25
P + M Xylene	71806-07	110	39.2	39.2	150	149	ug/L	EPA 8260B	2/3/10	98.5	94.7	3.96	76.8-120	25
Tert-Butanol	71806-07	17	199	199	214	210	ug/L	EPA 8260B	2/3/10	98.6	97.0	1.69	80-120	25
Toluene	71806-07	0.83	40.3	40.3	42.7	41.6	ug/L	EPA 8260B	2/3/10	104	101	2.64	80-120	25
Benzene	71809-02	<0.50	40.6	40.6	37.9	36.6	ug/L	EPA 8260B	2/2/10	93.5	90.1	3.67	80-120	25
Ethylbenzene	71809-02	<0.50	40.3	40.3	39.3	38.0	ug/L	EPA 8260B	2/2/10	97.6	94.3	3.42	80-120	25
Methyl-t-butyl ether	71809-02	23	40.6	40.6	62.6	61.3	ug/L	EPA 8260B	2/2/10	97.2	94.1	3.20	69.7-121	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 71796

Date : 02/05/2010

Project Name : **YEE**

Project Number : **3412**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
P + M Xylene	71809-02	<0.50	39.2	39.2	41.7	40.4	ug/L	EPA 8260B	2/2/10	106	103	3.20	76.8-120	25
Tert-Butanol	71809-02	<5.0	202	202	204	199	ug/L	EPA 8260B	2/2/10	101	98.8	2.36	80-120	25
Toluene	71809-02	<0.50	40.3	40.3	39.6	38.2	ug/L	EPA 8260B	2/2/10	98.1	94.7	3.45	80-120	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Report Number : 71796
Date : 02/05/2010

Project Name : **YEE**
Project Number : **3412**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.6	ug/L	EPA 8260B	2/1/10	105	80-120
Ethylbenzene	40.3	ug/L	EPA 8260B	2/1/10	116	80-120
Methyl-t-butyl ether	40.6	ug/L	EPA 8260B	2/1/10	92.0	69.7-121
P + M Xylene	39.2	ug/L	EPA 8260B	2/1/10	110	76.8-120
Tert-Butanol	202	ug/L	EPA 8260B	2/1/10	108	80-120
Toluene	40.3	ug/L	EPA 8260B	2/1/10	108	80-120
Benzene	40.6	ug/L	EPA 8260B	2/4/10	102	80-120
Ethylbenzene	40.3	ug/L	EPA 8260B	2/4/10	111	80-120
Methyl-t-butyl ether	40.2	ug/L	EPA 8260B	2/4/10	89.8	69.7-121
P + M Xylene	39.2	ug/L	EPA 8260B	2/4/10	105	76.8-120
Tert-Butanol	199	ug/L	EPA 8260B	2/4/10	103	80-120
Toluene	40.3	ug/L	EPA 8260B	2/4/10	104	80-120
Benzene	40.2	ug/L	EPA 8260B	2/1/10	97.0	80-120
Ethylbenzene	40.2	ug/L	EPA 8260B	2/1/10	101	80-120
Methyl-t-butyl ether	40.8	ug/L	EPA 8260B	2/1/10	102	69.7-121
P + M Xylene	40.2	ug/L	EPA 8260B	2/1/10	102	76.8-120
TPH as Gasoline	508	ug/L	EPA 8260B	2/1/10	91.6	80-120
Toluene	40.2	ug/L	EPA 8260B	2/1/10	101	80-120
Benzene	39.8	ug/L	EPA 8260B	2/3/10	98.8	80-120

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Report Number : 71796
Date : 02/05/2010

Project Name : **YEE**
Project Number : **3412**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Ethylbenzene	39.8	ug/L	EPA 8260B	2/3/10	99.2	80-120
Methyl-t-butyl ether	40.4	ug/L	EPA 8260B	2/3/10	100	69.7-121
P + M Xylene	39.8	ug/L	EPA 8260B	2/3/10	94.7	76.8-120
TPH as Gasoline	510	ug/L	EPA 8260B	2/3/10	101	80-120
Toluene	39.8	ug/L	EPA 8260B	2/3/10	105	80-120
Benzene	39.9	ug/L	EPA 8260B	2/2/10	92.2	80-120
Ethylbenzene	39.9	ug/L	EPA 8260B	2/2/10	94.4	80-120
Methyl-t-butyl ether	40.5	ug/L	EPA 8260B	2/2/10	91.8	69.7-121
P + M Xylene	39.9	ug/L	EPA 8260B	2/2/10	98.9	76.8-120
TPH as Gasoline	509	ug/L	EPA 8260B	2/2/10	92.0	80-120
Toluene	39.9	ug/L	EPA 8260B	2/2/10	93.0	80-120

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Aqua Science Engineers, Inc.
55 Oak Court, Suite 220
Danville, CA 94526
(925) 820-9391
FAX (925) 837-4853

Chain of Custody

71796

PAGE 1 of 1

SAMPLER (SIGNATURE) David Allen

PROJECT NAME YEE

JOB NO. 3412

ADDRESS 726 HARRISON ST., OAKLAND

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MTBE & BTEX (EPA 5030/8015 & 8020 & 8260 b	TPH-DIESEL (EPA 3510/8015)	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	CAM 17 METALS (EPA 6010+7000)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	Pb (TOTAL or DISSOLVED) (EPA 6010)	PESTICIDES (EPA 8081)	FUEL OXYGENATES (EPA 8260)	PURGEABLE HALOCARBONS (EPA 601/8010)	TPH-G/BTEX/5 OXYS (EPA METHOD 8260)	MULTI-RANGE HYDROCARBONS WITH SILICA GEL CLEANUP (EPA 8015)	VOLATILE ORGANICS (EPA 624/8240/8260)	LUFT METALS (5) (EPA 6010+7000)	COMPOSITE 4:1	EDF	
MW-1	1-25-10	0715	W	3	X														Y	01
MW-2		0735			X														Y	02
MW-3		0754			X														Y	03
MW-4		0734			X														Y	04
MW-5		0813			X														Y	05

RELINQUISHED BY: David Allen (signature) (time)

DAVID ALLEN (printed name) (date)

Company-ASE, INC.

RECEIVED BY: (signature) (time)

(printed name) (date)

Company-

RELINQUISHED BY: (signature) (time)

(printed name) (date)

Company-

RECEIVED BY LABORATORY: (signature) 1256 (time)

Levi Roberts 020110 (printed name) (date)

Company- KiffAnalytical

COMMENTS:

TURN AROUND TIME

STANDARD ~~24Hr~~ 48Hr 72Hr

OTHER:

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: LJR Initials

SRG#: 71796 Date: 020110

Project ID: YEE

Method of Receipt: ☒ Courier ☐ Over-the-counter ☐ Shipper

COC Inspection

Is COC present?	☒ Yes	☐ No		
Custody seals on shipping container?	☐ Intact	☐ Broken	☐ Not present	☒ N/A
Is COC Signed by Relinquisher? ☒ Yes ☐ No Dated?	☐ Yes	☒ No		
Is sampler name legibly indicated on COC?	☒ Yes	☐ No		
Is analysis or hold requested for all samples	☒ Yes	☐ No		
Is the turnaround time indicated on COC?	☒ Yes	☐ No		
Is COC free of whiteout and uninitialed cross-outs?	☐ Yes	☐ No, Whiteout	☒ No, Cross-outs	

Sample Inspection

Coolant Present: ☒ Yes ☐ No (includes water)

Temperature °C 6.0 Therm. ID# ER-5 Initial LJR Date/Time 020110/1442 ☐ N/A

Are there custody seals on sample containers?	☐ Intact	☐ Broken	☒ Not present	
Do containers match COC? ☒ Yes ☐ No ☐ No, COC lists absent sample(s)		☐ No, Extra sample(s) present		
Are there samples matrices other than soil, water, air or carbon?	☐ Yes	☒ No		
Are any sample containers broken, leaking or damaged?	☐ Yes	☒ No		
Are preservatives indicated? ☒ Yes, on sample containers	☐ Yes, on COC	☐ Not indicated	☐ N/A	
Are preservatives correct for analyses requested?	☒ Yes	☐ No	☐ N/A	
Are samples within holding time for analyses requested?	☒ Yes	☐ No		
Are the correct sample containers used for the analyses requested?	☒ Yes	☐ No		
Is there sufficient sample to perform testing?	☒ Yes	☐ No		
Does any sample contain product, have strong odor or are otherwise suspected to be hot?		☐ Yes	☒ No	

Receipt Details

Matrix WA	Container type VOA	# of containers received 15
Matrix	Container type	# of containers received
Matrix	Container type	# of containers received

Date and Time Sample Put into Temp Storage Date: 020110 Time: 1444

Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated	
If Sample ID's are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A		
Is the Project ID indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated	
If project ID is listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A		
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated	
If collection dates are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A		
Are the sample collection times indicated:	☒ On COC	☐ On sample container(s)	~~☒ On Both~~ TJB	☐ Not indicated	
If collection times are listed on both COC and containers, do they all match?	~~☒ Yes~~ TJB	☐ No	☒ N/A		

COMMENTS:

ATTACHMENT 3

CRA'S FIRST QUARTER 2010 DATA

Quarterly Status Summary Report – First Quarter 2010
800, 726, and 706 Harrison Street
Oakland, California

CONESTOGA-ROVERS
& ASSOCIATES

5900 Hollis Street, Suite A, Emeryville, California 94608
Telephone: 510-420-0700 Facsimile: 510-420-9170
www.CRAworld.com

February 12, 2010 Reference No. 231116

Ms. Diane Barclay
Stantec
3017 Kilgore Road, Suite 100
Rancho Cordova, California 95670

Dear Ms. Barclay:

Re: Data Package 1st Quarter 2010 Groundwater Sampling Event
706 Harrison Street
Oakland, California 94607

Attached is the requested 1st Quarter 2010 Groundwater Sampling Event data for the site located at 706 Harrison Street, Oakland, CA 94607.

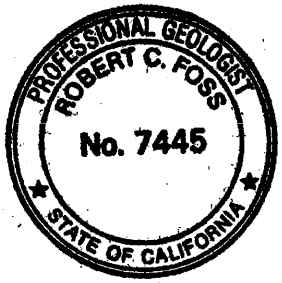
If you have any questions, please call Calvin Hee at (510) 420-3358 or myself at (510) 420-3348.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Robert Foss

Robert Foss, PG



RCF/aa/4
Encl.

ATTACHEMENT A

TABLES

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	*Date Sampled*	*TOC Depth to Water (ft)*	*Groundwater Elevation (ft-msl)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE by 8021B (µg/L)*	*MTBE by 8260B (µg/L)*	*Notes*
MW-1	8/13/1993	17.40	11.75	20,000	8,500	640	280	440	-	-	
29.15	12/14/1993	17.27	11.88	17,000	9,200	1,200	4,400	540	-	-	
	4/15/1994	17.00	12.15	9,500	3,600	530	160	280	-	-	
	12/29/1994	16.40	12.75	-	-	-	-	-	-	-	
	7/19/1996	15.83	13.32	17,000	5,200	1,100	330	530	-	-	sheen/odor
	1/27/1997	13.58	15.57	30,000	9,800	1,300	790	880	400	-	b,sheen/odor
	6/18/1997	16.11	13.04	19,000	5,600	1,400	510	770	1,200	800	a,b
	9/18/1997	16.62	12.53	48,000	18,000	4,400	1,000	1,700	ND<640	-	b
	12/10/1997	15.93	13.22	22,000	4,900	1,300	580	650	460	260	a,b,odor
	2/18/1998	11.56	17.59	16,000	5,000	750	400	780	1,800	-	b
	5/12/1998	13.53	15.62	19,000	4,600	810	450	770	5,500	-	b,c
	8/18/1998	15.19	13.96	12,000	3,600	1,300	300	570	5,100	3,700	a,b
	11/24/1998	15.67	13.48	13,000	3,600	890	330	380	6,100	-	b
	2/4/1999	15.31	13.84	20,000	5,900	830	450	500	4,900	-	b
	5/18/1999	14.95	14.20	23,000	7,000	1,600	520	830	6,100	-	b
	8/27/1999	15.84	13.31	19,000	5,800	1,700	410	710	1,800	2,100	a,b
	11/18/1999	16.39	12.76	20,000	4,900	630	410	580	4,900	3,600	b
	2/29/2000	13.43	15.72	12,000	2,800	24	290	170	3,100	3,400	a
	5/25/2000	15.08	14.07	12,000	2,200	120	330	260	9,100	12,000	a,b
	8/9/2000	16.09	13.06	13,000	2,500	44	310	140	16,000	-	b
	11/9/2000	15.90	13.25	11,000	2,500	140	380	150	11,000	12,000	b
	1/29/2001	16.05	13.10	9,600	3,100	100	77	200	2,600	2,400	b
	4/16/2001	16.90	12.25	3,300	1,200	4.4	2.7	28	900	940	b
	8/14/2001	17.13	12.02	2,000	500	3.4	24	7.8	68	53	a
	10/22/2001	16.11	13.04	220	83	0.63	2.8	ND<0.5	ND<10	5.7	a
	2/1/2002	16.93	12.22	640	220	1.7	4.7	0.57	ND<10	-	a
	5/10/2002	15.09	14.06	230	26	0.97	ND<0.5	ND<0.5	ND<5.0	-	a
	7/8/2002	15.20	13.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	10/2/2002	15.70	13.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	1/23/2003	15.09	14.06	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	13.02	16.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
26.17	7/18/2003	14.50	11.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	13.81	12.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	1/28/2004	13.09	13.08	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	14.97	11.20	180	60	0.56	1.9	ND<0.5	ND<5.0	-	a
	7/23/2004	14.15	12.02	130	36	ND<0.5	0.65	ND<0.5	ND<5.0	-	a
	10/12/2004	16.30	9.87	ND<50	2.5	1.5	ND<0.5	0.86	ND<5.0	-	
	2/14/2005	13.85	12.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/27/2005	13.35	12.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	7/19/2005	14.68	11.49	4,500	1,400	6.5	160	58	630	-	a
	10/18/2005	15.15	11.02	1,700	340	ND<5.0	28	ND<5.0	8,000	7,200	a
	1/23/2006	13.27	12.90	3,100	790	6.5	79	32	4,200	5,100	a
	4/12/2006	12.33	13.84	7,200	2,600	110	350	320	5,600	4,000	a
	7/10/2006	14.93	11.24	2,700	550	4.2	77	47	5,500	8,300	a
	10/16/2006	16.51	9.66	2,000	470	6.4	38	13	6,300	6,400	a
	1/26/2007	16.87	9.30	3,300	600	36	34	27	6,200	5,900	a
	4/18/2007	16.77	9.40	5,400	1,400	170	210	350	3,600	4,700	a,i
	8/2/2007	17.21	8.96	6,100	1,200	130	140	240	5,300	5,400	a

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-1	10/23/2007	17.67	8.50	2,600	740	53	60	110	5,800	6,900	a,h,Sheen[Lab]
(cont.)	1/30/2008	16.66	9.51	1,900	380	2.6	15	20	2,400	2,800	a
	4/18/2008	17.14	9.03	1,500	320	4.5	13	25	2,900	2,900	a
	7/28/2008	17.70	8.47	1,100	240	3.6	6.9	15	1,600	1,800	a
	12/5/2008	18.22	7.95	1,000	150	2.1	4.1	15	150	140	a
	1/26/2009	17.84	8.33	540	120	1.4	1.6	3.0	82	79	a
29.17	8/3/2009	17.45	11.72	290	94	2.8	3.4	6.7	25	20	a
	1/25/2010	**16.72**	**12.45**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<5.0**	**ND<0.5**	
MW-2	8/13/1993	17.05	13.46	34,000	6,800	10,000	740	3,900	-	-	
30.51	12/14/1993	18.28	12.23	16,000	3,200	4,200	500	1,700	-	-	
	4/15/1994	18.10	12.41	23,000	2,500	4,200	470	1,800	-	-	
	12/29/1994	17.40	13.11	-	-	-	-	-	-	-	
	7/19/1996	16.72	13.79	90,000	7,300	14,000	1,600	7,300	-	-	odor
	1/27/1997	14.89	15.62	63,000	7,100	13,000	1,600	7,100	500	-	b,odor
	6/18/1997	17.12	13.39	52,000	5,100	10,000	1,400	6,000	ND<200	-	b
	9/18/1997	17.63	12.88	110,000	9,400	23,000	2,600	13,000	ND<890	-	b, sheen/odor
	12/10/1997	16.98	13.53	39,000	2,600	5,300	940	3,900	780	320	b,odor
	2/18/1998	12.61	17.90	85,000	9,000	19,000	2,300	11,000	2,400	-	b
	5/12/1998	14.45	16.06	110,000	9,500	21,000	2,500	12,000	ND<1,200	-	b
	8/18/1998	16.14	14.37	64,000	6,000	13,000	1,700	7,800	2,000	1,300	a, b
	11/24/1998	16.70	13.81	78,000	5,300	14,000	2,300	11,000	ND<2,000	-	b,h,Sheen[Lab]
	2/4/1999	18.39	12.12	66,000	5,800	16,000	2,600	12,000	3,000	-	b,h,Sheen[Lab]
	5/18/1999	15.90	14.61	78,000	6,700	17,000	2,400	10,000	4,300	-	b
	8/27/1999	16.79	13.72	91,000	7,400	17,000	2,300	11,000	1,200	1,000	a,b
	11/18/1999	17.32	13.19	180,000	7,000	20,000	3,300	16,000	ND<6,000	1,700	b,h,Sheen[Lab]
	2/29/2000	14.37	16.14	86,000	5,500	13,000	2,000	9,500	3,500	4,700	a
	5/25/2000	16.01	14.50	110,000	6,300	14,000	2,400	10,000	7,500	6,500	a,b,h,Sheen[Lab]
	8/9/2000	17.02	13.49	77,000	5,000	13,000	2,000	8,600	5,900	-	b
	11/9/2000	17.00	13.51	70,000	4,800	12,000	1,900	8,000	9,400	8,300	b
	1/29/2001	18.31	12.20	110,000	8,200	21,000	2,800	13,000	2,500	1,900	b,h,Sheen[Lab]
	4/16/2001	18.59	11.92	97,000	7,400	15,000	2,500	12,000	ND<3,000	ND<50	b,h,Sheen[Lab]
	8/14/2001	18.74	11.77	97,000	6,200	14,000	2,400	13,000	ND<250	ND<50	a,j
	10/22/2001	18.27	12.24	71,000	5,900	15,000	2,400	12,000	ND<1,400	150	a
	2/1/2002	18.05	12.46	1,400	11	88	44	210	ND<5.0	-	a
	5/10/2002	17.15	13.36	97,000	4,500	15,000	2,500	12,000	ND<3,000	-	a,h,Sheen[Lab]
	7/8/2002	15.30	15.21	42,000	2,100	6,500	2,200	8,800	ND<1,000	65	a
	10/2/2002	15.89	14.62	70,000	1,700	5,700	1,900	8,300	ND<1,700	-	a
	1/23/2003	17.51	13.00	40,000	1,900	7,800	1,200	5,600	ND<1,000	-	a
	4/29/2003	15.31	15.20	82,000	2,500	11,000	2,200	9,400	ND<2,000	-	a
	7/18/2003	16.84	10.69	57,000	2,100	8,700	2,200	10,000	-	ND<50	a
27.53	10/9/2003	16.05	11.48	49,000	1,800	7,000	1,700	7,600	ND<1,500	26	a
	1/28/2004	15.39	12.14	550	21	33	3.0	61	ND<100	-	a
	4/7/2004	16.01	11.52	41,000	2,500	11,000	1,900	8,000	ND<2,000	-	a
	7/23/2004	15.30	12.23	81,000	2,000	12,000	2,500	12,000	ND<2,000	-	a,h,Sheen[Field & Lab]
	10/12/2004	17.87	9.66	75,000	2,600	13,000	2,300	11,000	ND<1,300	-	a
	2/14/2005	14.80	12.73	75,000	2,600	12,000	2,400	10,000	ND<1,800	-	a,h,Sheen[Lab]
	4/27/2005	14.63	12.90	61,000	2,800	11,000	1,600	7,000	ND<2,700	-	a

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	*Date Sampled*	*TOC Depth to Water (ft)*	*Groundwater Elevation (ft-msl)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE by 8021B (µg/L)*	*MTBE by 8260B (µg/L)*	*Notes*
MW-2	7/19/2005	15.60	11.93	90,000	3,700	14,000	2,600	10,000	ND<7,000	-	a
(cont.)	10/18/2005	16.08	11.45	77,000	3,300	14,000	2,400	11,000	7,900	6,400	a
	1/23/2006	14.20	13.33	54,000	1,600	8,000	1,600	6,700	6,600	7,000	a
	4/12/2006	12.51	15.02	43,000	1,800	7,800	1,300	5,200	6,400	4,900	a
	7/10/2006	14.76	12.77	86,000	2,800	11,000	2,100	9,600	ND<6,500	400	a,h,Sheen[Lab]
	10/16/2006	16.74	10.79	110,000	3,600	16,000	2,400	12,000	ND<6,000	2,700	a,h,Sheen[Lab]
	1/26/2007	17.10	10.43	120,000	3,900	16,000	2,300	10,000	ND<5,000	3,000	a,h,i,Sheen[Lab]
	4/18/2007	17.02	10.51	100,000	3,500	18,000	2,500	12,000	5,200	3,400	a,h,i,Sheen[Lab]
	8/2/2007	17.47	10.06	61,000	2,700	11,000	1,800	7,600	6,400	4,600	a,h,Sheen[Lab]
	10/23/2007	17.94	9.59	56,000	3,100	13,000	1,800	8,100	4,500	4,300	a
	1/30/2008	16.99	10.54	52,000	2,700	11,000	1,700	7,300	5,300	4,700	a
	4/18/2008	17.41	10.12	64,000	3,400	13,000	1,800	8,100	ND<4,000	2,200	a,h,i
	7/28/2008	17.99	9.54	51,000	2,000	6,200	1,300	2,700	ND<2,600	1,500	a,i,Sheen[Field]
	12/5/2008	18.56	8.97	74,000	2,200	12,000	1,700	7,500	2,500	1,900	a,i,Sheen[Field]
	1/26/2009	18.20	9.33	90,000	2,800	14,000	1,800	9,500	<3,500	1,600	a,h,i,Sheen[Field & Lab]
30.53	8/3/2009	17.74	12.79	67,000	2,900	12,000	1,800	8,200	<3,500	1,900	a,i,Sheen[Lab]
	1/25/2010	**17.10**	**13.43**	**46,000**	**1,400**	**6,200**	**1,100**	**5,800**	**ND<3,500**	**1,500**	**a, I, Sheen [Lab]**
MW-3	8/13/1993	17.05	12.72	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.5	-	-	No SVOCs.
29.77	12/14/1993	17.70	12.07	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.5	-	-	
	4/15/1994	17.40	12.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	12/29/1994	16.80	12.97	-	-	-	-	-	-	-	
	7/19/1996	16.28	13.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	1/27/1997	13.83	15.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	16.53	13.24	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	9/18/1997	17.07	12.70	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	12/10/1997	16.15	13.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/18/1998	11.80	17.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	13.85	15.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	15.57	14.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	16.04	13.73	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/4/1999	17.80	11.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	15.29	14.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/27/1999	16.15	13.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/18/1999	16.77	13.00	-	-	-	-	-	-	-	
	2/29/2000	13.71	16.06	ND<50	2	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/25/2000	15.46	14.31	-	-	-	-	-	-	-	
	8/9/2000	16.46	13.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	16.25	13.52	-	-	-	-	-	-	-	
	1/29/2001	16.52	13.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	16.95	12.82	-	-	-	-	-	-	-	
	8/14/2001	17.11	12.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	16.50	13.27	-	-	-	-	-	-	-	
	2/1/2002	16.90	12.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/10/2002	15.03	14.74	-	-	-	-	-	-	-	
	7/8/2002	14.45	15.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	15.03	14.74	-	-	-	-	-	-	-	
	1/23/2003	15.48	14.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-3 *(cont.)*	4/29/2003	12.49	17.28	-	-	-	-	-	-	-	
26.79	7/18/2003	14.80	11.99	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	14.13	12.66	-	-	-	-	-	-	-	
	1/28/2004	13.47	13.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	15.41	11.38	-	-	-	-	-	-	-	
	7/23/2004	14.54	12.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/12/2004	16.58	10.21	-	-	-	-	-	-	-	
	2/14/2005	14.19	12.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/27/2005	13.68	13.11	-	-	-	-	-	-	-	
	7/19/2005	15.15	11.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/18/2005	15.60	11.19	-	-	-	-	-	-	-	
	1/23/2006	13.65	13.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	270	260	
	4/12/2006	11.94	14.85	-	-	-	-	-	-	-	
	7/10/2006	14.48	12.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1,100	1,600	
	10/16/2006	16.19	10.60	-	-	-	-	-	-	-	
	1/26/2007	16.56	10.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2,500	3,400	
	4/18/2007	16.45	10.34	-	-	-	-	-	-	-	
	8/2/2007	16.92	9.87	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3,300	3,500	
	10/23/2007	17.42	9.37	-	-	-	-	-	-	-	
	1/30/2008	16.45	10.34	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	8,400	10,000	l
	4/18/2008	16.87	9.92	-	-	-	-	-	-	-	
	7/28/2008	17.41	9.38	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	6,400	6,900	l
	12/5/2008	17.89	8.90	-	-	-	-	-	-	-	
	1/26/2009	17.50	9.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3,400	3,800	
29.79	8/3/2009	17.18	12.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2,900	3,100	
	1/25/2010	**16.39**	**13.40**	**300**	**ND<1.7**	**2.5**	**ND<1.7**	**ND<1.7**	**4,600**	**4,500**	**m**
MW-4	12/16/1994	18.10	13.08	2,500	32	6.5	4.5	17	-	-	
31.18	12/29/1994	17.95	13.23	-	-	-	-	-	-	-	
	7/19/1996	17.38	13.80	3,300	520	39	67	60	-	-	
	1/27/1997	15.25	15.93	4,500	860	55	100	91	1,100	-	b
	6/18/1997	17.61	13.57	2,700	700	52	81	76	2,200	2,300	a,b
	9/18/1997	18.01	13.17	3,900	760	38	56	64	ND<170	-	b
	12/10/1997	17.45	13.73	12,000	1,800	120	210	210	2,900	2,600	a,b
	2/18/1998	13.09	18.09	1,700	210	8	6.7	16	200	-	b
	5/12/1998	14.78	16.40	2,100	300	15	36	34	920	-	b,c
	8/18/1998	16.59	14.59	4,700	1,000	130	110	150	5,200	4,900	a,b
	11/24/1998	17.18	14.00	3,000	810	44	76	94	4,800	-	b
	2/4/1999	18.90	12.28	2,800	770	50	69	69	3,100	-	b
	5/18/1999	16.30	14.88	4,000	780	57	7.7	79	4,800	-	b
	8/27/1999	17.21	13.97	4,100	870	51	74	99	3,300	4,100	a,b
	11/18/1999	17.77	13.41	3,000	760	43	67	65	5,100	5,400	b
	2/29/2000	14.85	16.33	4,600	1,000	64	94	170	4,100	4,600	a
	5/25/2000	16.45	14.73	2,600	540	39	59	41	3,500	5,300	b
	8/9/2000	17.47	13.71	4,400	930	66	98	79	9,400	-	b
	11/9/2000	17.45	13.73	4,200	630	34	54	44	7,800	9,400	b
	1/29/2001	18.90	12.28	3,100	710	34	66	51	9,400	8,000	b
	4/16/2001	19.17	12.01	160	1.2	1.3	ND<0.5	12	22	20	b

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-4	8/14/2001	19.20	11.98	1,700	190	11	35	13	300	250	b
(cont)	10/22/2001	18.95	12.23	1,100	120	3.7	29	7.9	ND<25	16	a
	2/1/2002	19.05	12.13	2,600	25	43	21	280	ND<5.0	-	a
	5/10/2002	17.69	13.49	490	3.5	2.0	2.1	2.2	ND<5.0	-	a
	7/8/2002	15.75	15.43	170	0.51	0.62	1.6	1.2	ND<5.0	2.0	m
	10/2/2002	16.30	14.88	240	1.7	2.0	2.2	0.88	ND<5.0	-	a
	1/23/2003	17.74	13.44	ND<50	0.52	4.1	ND<0.5	1.9	ND<5.0	-	
	4/29/2003	15.47	15.71	1,300	75	4.8	21	7.3	130	120	a
28.20	7/18/2003	17.08	11.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	0.74	a
	10/9/2003	16.25	11.95	210	4.7	0.57	1.6	1.1	ND<10	10	a
	1/28/2004	15.65	12.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	a
	4/7/2004	16.49	11.71	-	-	-	-	-	-	-	
	4/12/2004	-	-	770	56	3.2	7.0	6.5	120	160	a
	7/23/2004	15.86	12.34	1,100	130	11	17	17	790	800	a
	10/12/2004	18.05	10.15	150	0.86	ND<0.5	ND<0.5	0.97	ND<10	-	a
	2/14/2005	15.30	12.90	1,500	200	16	30	31	420	550	a
	4/27/2005	14.20	14.00	3,000	520	100	27	86	600	480	a
	7/19/2005	16.08	12.12	1,800	310	16	36	25	1,000	1,100	a
	10/18/2005	16.55	11.65	2,500	450	28	47	51	3,800	4,500	a
	1/23/2006	14.66	13.54	1,300	170	13	14	14	2,500	3,300	a
	4/12/2006	12.92	15.28	940	150	12	7.6	12	3,400	3,300	a
	7/10/2006	15.38	12.82	1,700	260	14	26	20	4,300	5,900	a
	10/16/2006	17.21	10.99	3,200	440	26	34	63	7,800	7,500	a
	1/26/2007	17.58	10.62	2,000	290	20	28	42	8,300	8,300	a
	4/18/2007	17.46	10.74	2,300	350	28	38	42	5,900	7,800	a,i
	8/2/2007	17.95	10.25	3,600	480	33	47	72	7,500	9,000	a
	10/23/2007	18.41	9.79	1,700	280	13	27	25	7,000	8,800	a
	1/30/2008	17.49	10.71	1,300	130	4.9	13	12	6,500	8,200	a
	4/18/2008	17.90	10.30	2,300	240	14	25	27	6,900	6,400	a
	7/28/2008	18.49	9.71	3,400	390	100	33	100	4,600	5,000	a
	12/5/2008	19.07	9.13	2,400	310	30	41	67	2,100	1,700	a,i
	1/26/2009	18.71	9.49	1,600	180	14	21	33	1,300	1,200	a,Sheen[Field]
31.20	8/3/2009	18.23	12.97	2,300	370	39	37	89	1,700	1,600	a
	1/25/2010	**17.64**	**13.56**	**690**	**77**	**7.4**	**8.6**	**20**	**240**	**280**	**a**
MW-5	12/16/1994	16.07	11.97	ND<50	1.1	ND<0.5	ND<0.5	2.4	-	-	
28.04	12/29/1994	16.10	11.94	-	-	-	-	-	-	-	
	7/19/1996	15.49	12.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	1/27/1997	13.60	14.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	15.55	12.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	9/18/1997	16.16	11.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	12/10/1997	15.41	12.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/18/1998	10.93	17.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	13.25	14.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	14.75	13.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	15.15	12.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/4/1999	14.61	13.43	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	14.15	13.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-5	8/27/1999	15.43	12.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
(cont.)	11/18/1999	15.97	12.07	-	-	-	-	-	-	-	
	2/29/2000	13.16	14.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/25/2000	14.72	13.32	-	-	-	-	-	-	-	
	8/9/2000	15.68	12.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	15.39	12.65	-	-	-	-	-	-	-	
	1/29/2001	15.97	12.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	16.24	11.80	-	-	-	-	-	-	-	
	8/14/2001	17.39	10.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	15.90	12.14	-	-	-	-	-	-	-	
	2/1/2002	16.55	11.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/10/2002	15.12	12.92	-	-	-	-	-	-	-	
	7/8/2002	15.92	12.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	16.42	11.62	-	-	-	-	-	-	-	
	1/23/2003	14.90	13.14	ND<50	20	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	12.05	15.99	-	-	-	-	-	-	-	
25.07	7/18/2003	14.28	10.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	13.36	11.71	-	-	-	-	-	-	-	
	1/28/2004	12.68	12.39	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	14.71	10.36	-	-	-	-	-	-	-	
	7/23/2004	13.49	11.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	10/12/2004	15.88	9.19	-	-	-	-	-	-	-	
	2/14/2005	13.22	11.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	4/27/2005	13.40	11.67	-	-	-	-	-	-	-	
	7/19/2005	14.21	10.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	10/18/2005	14.79	10.28	-	-	-	-	-	-	-	
	1/23/2006	13.12	11.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	4/12/2006	11.39	13.68	-	-	-	-	-	-	-	
	7/10/2006	14.40	10.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	25	-	i
	10/16/2006	15.44	9.63	-	-	-	-	-	-	-	
	1/26/2007	15.76	9.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	490	-	
	4/18/2007	15.61	9.46	-	-	-	-	-	-	-	
	8/2/2007	16.04	9.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	660	760	
	10/23/2007	16.89	8.18	-	-	-	-	-	-	-	
	1/30/2008	15.61	9.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	250	280	
	4/18/2008	15.99	9.08	-	-	-	-	-	-	-	
	7/28/2008	16.45	8.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	640	670	
	12/5/2008	16.94	8.13	-	-	-	-	-	-	-	
	1/26/2009	16.54	8.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3,500	3,700	
28.07	8/3/2009	16.23	11.84	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1,300	1,400	
	1/25/2010	**15.58**	**12.49**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**1,300**	**1,400**	
MW-6	12/16/1994	17.74	11.36	-	-	-	-	-	-	-	
29.10	12/29/1994	17.40	11.70	-	-	-	-	-	-	-	
	7/19/1996	16.60	12.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	
	1/27/1997	14.88	14.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	16.73	12.37	51	22	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	c
	9/18/1997	17.24	11.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-6	12/10/1997	16.56	12.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
(cont.)	2/18/1998	12.93	16.17	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	14.35	14.75	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	15.94	13.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	16.46	12.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/4/1999	18.25	10.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	15.73	13.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/27/1999	15.64	13.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/18/1999	17.04	12.06	-	-	-	-	-	-	-	
	2/29/2000	14.55	14.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/25/2000	15.86	13.24	-	-	-	-	-	-	-	
	8/9/2000	16.80	12.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	16.60	12.50	-	-	-	-	-	-	-	
	1/29/2001	17.00	12.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	17.15	11.95	-	-	-	-	-	-	-	
	8/14/2001	17.30	11.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	17.13	11.97	-	-	-	-	-	-	-	
	2/1/2002	16.57	12.53	70	37	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	a
	5/10/2002	15.25	13.85	-	-	-	-	-	-	-	
	7/8/2002	15.79	13.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	16.38	12.72	-	-	-	-	-	-	-	
	1/23/2003	16.03	13.07	ND<50	21	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	14.19	14.91	-	-	-	-	-	-	-	
26.13	7/18/2003	15.47	10.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	14.73	11.40	-	-	-	-	-	-	-	
	1/28/2004	14.05	12.08	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	14.41	11.72	-	-	-	-	-	-	-	
	7/23/2004	15.15	10.98	3,300	1,300	ND<5.0	52	9.7	ND<50	-	a
	10/12/2004	17.29	8.84	-	-	-	-	-	-	-	
	2/14/2005	14.60	11.53	350	160	ND<0.5	ND<0.5	ND<0.5	ND<25	2.0	a,i
	4/27/2005	14.10	12.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	7/19/2005	15.18	10.95	110	15	ND<0.5	0.62	ND<0.5	ND<5.0	1.7	a,i
	10/18/2005	15.65	10.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	0.87	i
	1/23/2006	14.02	12.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	0.50	i
	4/12/2006	12.66	13.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	7/10/2006	14.64	11.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	10/16/2006	16.50	9.63	-	-	-	-	-	-	-	
	1/26/2007	16.83	9.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	4/18/2007	16.72	9.41	-	-	-	-	-	-	-	
	8/2/2007	17.13	9.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	10/23/2007	17.71	8.42	-	-	-	-	-	-	-	
	1/30/2008	16.54	9.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	4/18/2008	17.02	9.11	-	-	-	-	-	-	-	
	7/28/2008	17.50	8.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	12/5/2008	17.89	8.24	-	-	-	-	-	-	-	
	1/26/2009	17.61	8.52	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	
29.13	8/3/2009	17.24	11.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	1/25/2010	**16.72**	**12.41**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<5.0**	**ND<0.5**	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	Date Sampled	TOC Depth to Water (ft)	Groundwater Elevation (ft-msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE by 8021B (µg/L)	MTBE by 8260B (µg/L)	Notes
MW-7	12/16/1994	17.07	12.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
29.67	12/29/1994	17.65	12.02	-	-	-	-	-	-	-	
	7/19/1996	16.44	13.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	1/27/1997	15.09	14.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	6/18/1997	16.59	13.08	73	ND<0.5	0.55	ND<0.5	ND<0.5	ND<5.0	-	d
	9/18/1997	17.06	12.61	94	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	b,f
	12/10/1997	16.58	13.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/18/1998	12.60	17.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/12/1998	14.81	14.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/18/1998	15.67	14.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/24/1998	16.30	13.37	200	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	d
	2/4/1999	15.99	13.68	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/18/1999	15.42	14.25	200	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	d
	8/27/1999	16.35	13.32	140	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/18/1999	16.81	12.86	--	--	--	--	--	--	-	
	2/29/2000	14.16	15.51	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	f
	5/25/2000	15.54	14.13	--	--	--	--	--	--	-	
	8/9/2000	16.56	13.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	11/9/2000	16.45	13.22	-	-	-	-	-	-	-	
	1/29/2001	16.92	12.75	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/16/2001	17.03	12.64	-	-	-	-	-	-	-	
	8/14/2001	17.27	12.40	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/22/2001	16.95	12.72	-	-	-	-	-	-	-	
26.70	2/1/2002	16.14	13.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	5/10/2002	15.30	14.37	-	-	-	-	-	-	-	
	7/8/2002	15.73	13.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/2/2002	16.24	13.43	-	-	-	-	-	-	-	
	1/23/2003	15.70	13.97	ND<50	23	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/29/2003	12.68	16.99	-	-	-	-	-	-	-	
	7/18/2003	15.19	11.51	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	10/9/2003	14.45	12.25	-	-	-	-	-	-	-	
	1/28/2004	13.88	12.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	4/7/2004	15.71	10.99	-	-	-	-	-	-	-	
	7/23/2004	14.85	11.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	130	120	
	10/12/2004	16.90	9.80	-	-	-	-	-	-	-	
	2/14/2005	14.42	12.28	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	190	200	
	4/27/2005	13.75	12.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	1.3	
	7/19/2005	14.91	11.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	65	66	
	10/18/2005	15.40	11.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	15	
	1/23/2006	13.99	12.71	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	2.2	
	4/12/2006	12.32	14.38	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	2.0	
	7/10/2006	14.31	12.39	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	1.5	
	10/16/2006	16.23	10.47	-	-	-	-	-	-	-	
	1/26/2007	16.61	10.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
	4/18/2007	16.54	10.16	-	-	-	-	-	-	-	
	8/2/2007	16.93	9.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	2.2	
	10/23/2007	17.36	9.34	-	-	-	-	-	-	-	

TABLE 2

GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER ARCO STATION
706 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID/ Sample ID TOC	*Date Sampled*	*TOC Depth to Water (ft)*	*Groundwater Elevation (ft-msl)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Xylenes (µg/L)*	*MTBE by 8021B (µg/L)*	*MTBE by 8260B (µg/L)*	*Notes*
MW-7	1/30/2008	16.36	10.34	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
(cont.)	4/18/2008	16.85	9.85	-	-	-	-	-	-	-	
	7/28/2008	17.43	9.27	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	1.1	i
	12/5/2008	17.91	8.79	-	-	-	-	-	-	-	
	1/26/2009	17.65	9.05	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	0.96	
29.70	8/3/2009	17.17	12.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	0.87	
	1/25/2010	**16.65**	**13.05**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<5.0**	**ND<0.5**	
VW-3	3/6/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
	3/25/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	i
VW-4	3/6/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	3/25/2003	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
Trip Blank	11/9/2000	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	2/14/2005	-	-	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	

Abbreviations and Analyses:

µg/L = Micrograms per liter
ND<0.5 = Not Detected (ND) above laboratory detection limit.
- = Not sampled; not analyzed;not applicable; or no SPH measured or observed.
TOC = Top of casing elevation, measured in feet, relative to mean sea level
ft = Measured in feet
ft-msl = Elevation in feet relative to mean sea level
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C
Benzene, ethylbenzene, toluene and xylenes by EPA Method SW8021B.
MTBE = Methyl tertiary butyl ether by EPA Method SW8021B and/or SW8260B.
SVOCs = Semi-Volatile Organic Compounds (EPA Method 8270)
Wells were re-surveyed on October 27, 2003 to City of Oakland Benchmark 25A.
TOC Depth to Water = Groundwater depth measured in feet below TOC.
Sheen = A sheen was observed on the water's surface.
Field = Observed in the field
Lab = Observed in analytical laboratory

Analytical Laboratory Notes:

a = "unmodified or weakly modified gasoline is significant"
b = "heavier gasoline range compounds are significant"
c = "lighter gasoline range compounds are significant"
d = "isolated peaks are present"
f = "hydrocarbons with no recognizable patterns are present"
h = "lighter than water immiscible sheen/product is present"
i = "sample contains greater than ~1 vol. % sediment"
j = "sample was diluted due to high organic content"
l = "reporting limit raised due to high MTBE content"
m = "no recognizable pattern"

*August 3, 3009 TOC modified per Mid Coast Engineers Survey dated October 1, 2009

ATTACHMENT B

CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #231116; Bo Gin	Date Sampled: 01/25/10
		Date Received: 01/26/10
5900 Hollis St, Suite A	Client Contact: Bob Foss	Date Reported: 01/29/10
Emeryville, CA 94608	Client P.O.:	Date Completed: 01/28/10

WorkOrder: 1001566

January 29, 2010

Dear Bob:

Enclosed within are:

1) The results of the **8** analyzed samples from your project: **#231116; Bo Gin,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1001566

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Bob Foss
Company: Conestoga-Rovers & Associates
5900 Hollis St, Ste A
Emeryville, CA
Tele: (510)420-3348
Project #: 231116
Project Location: 706 Harrison St, Oakland, CA
Sampler Signature: Muskan Environmental Sampling

Bill To: Conestoga-Rovers & Associates
E-Mail: rfoss@crawford.com
Fax: (510)420-9170
Project Name: Bay Gun

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602 / 8021 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 8260 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515.3 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other: MTBE 8260	Comments
MW-1		1/25/10	7:28	4	VOA	X					X	X			X															X	
MW-2			10:03																												
MW-3			7:05																												
MW-4			7:50																												
MW-5			9:35																												
MW-6			8:25																												
MW-7			8:48																												Hold
TB				1																											

Relinquished By:	Date:	Time:	Received By:
	1/26/10	1633	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/T 2.2
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER
	✓		pH<2	

COMMENTS:

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1001566 **ClientCode: CETE**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Bob Foss
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-0700 FAX (510) 420-9170

Email: bfoss@craworld.com, chee@craworld.c
cc:
PO:
ProjectNo: #231116; Bo Gin

Bill to:
Accounts Payable
Conestoga-Rovers & Associates
5900 Hollis St, Ste. A
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: **01/26/2010**
Date Printed: **01/26/2010**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1001566-001	MW-1	Water	1/25/2010 7:28	☐	A	B	A									
1001566-002	MW-2	Water	1/25/2010 10:03	☐	A	B										
1001566-003	MW-3	Water	1/25/2010 7:05	☐	A	B										
1001566-004	MW-4	Water	1/25/2010 7:50	☐	A	B										
1001566-005	MW-5	Water	1/25/2010 9:35	☐	A	B										
1001566-006	MW-6	Water	1/25/2010 8:25	☐	A	B										
1001566-007	MW-7	Water	1/25/2010 8:48	☐	A	B										

Test Legend:

1	G-MBTEX_W	2	MTBE_W	3	PREDF REPORT	4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Conestoga-Rovers & Associates**

Date and Time Received: **1/26/2010 4:39:29 PM**

Project Name: **#231116; Bo Gin**

Checklist completed and reviewed by: Maria Venegas

WorkOrder N°: **1001566** Matrix Water

Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 2.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Conestoga-Rovers & Associates	Client Project ID: #231116; Bo Gin	Date Sampled: 01/25/10
		Date Received: 01/26/10
5900 Hollis St, Suite A	Client Contact: Bob Foss	Date Extracted: 01/27/10-01/29/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 01/27/10-01/29/10

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1001566

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	MW-1	W	ND	ND	ND	ND	ND	ND	1	98	
002A	MW-2	W	46,000	ND<3500	1400	6200	1100	5800	50	104	d1,b6,b1
003A	MW-3	W	300	4600	ND<1.7	2.5	ND<1.7	ND<1.7	3.3	114	d9
004A	MW-4	W	690	240	77	7.4	8.6	20	1	99	d1
005A	MW-5	W	ND	1300	ND	ND	ND	ND	1	108	
006A	MW-6	W	ND	ND	ND	ND	ND	ND	1	95	
007A	MW-7	W	ND	ND	ND	ND	ND	ND	1	110	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
d1) weakly modified or unmodified gasoline is significant
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

Conestoga-Rovers & Associates	Client Project ID: #231116; Bo Gin	Date Sampled: 01/25/10
		Date Received: 01/26/10
5900 Hollis St, Suite A	Client Contact: Bob Foss	Date Extracted: 01/26/10-01/28/10
Emeryville, CA 94608	Client P.O.:	Date Analyzed 01/26/10-01/28/10

Methyl tert-Butyl Ether*

Extraction method SW5030B Analytical methods SW8260B Work Order: 1001566

Lab ID	Client ID	Matrix	Methyl-t-butyl ether (MTBE)	DF	% SS	Comments
001B	MW-1	W	ND	1	85	
002B	MW-2	W	1500	100	113	b6,b1
003B	MW-3	W	4500	200	79	
004B	MW-4	W	280	10	80	
005B	MW-5	W	1400	100	81	
006B	MW-6	W	ND	1	80	
007B	MW-7	W	ND	1	77	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	0.5	µg/L
	S	NA	NA

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 48262 WorkOrder 1001566

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 1001528-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	117	114	3.30	102	97.8	4.35	70 - 130	20	70 - 130	20
MTBE	ND	10	97.7	95.3	2.55	113	113	0	70 - 130	20	70 - 130	20
Benzene	ND	10	95	93.7	1.37	99.3	101	1.26	70 - 130	20	70 - 130	20
Toluene	ND	10	95.6	91.6	4.20	101	101	0	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	92.5	90.9	1.71	96.1	99	2.99	70 - 130	20	70 - 130	20
Xylenes	ND	30	93.9	91.9	2.12	103	103	0	70 - 130	20	70 - 130	20
%SS:	111	10	99	95	3.56	99	100	0.950	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 48262 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1001566-001A	01/25/10 7:28 AM	01/27/10	01/27/10 9:45 PM	1001566-002A	01/25/10 10:03 AM	01/27/10	01/27/10 1:12 PM
1001566-003A	01/25/10 7:05 AM	01/27/10	01/27/10 2:12 PM	1001566-003A	01/25/10 7:05 AM	01/29/10	01/29/10 4:37 AM
1001566-004A	01/25/10 7:50 AM	01/28/10	01/28/10 4:21 AM	1001566-004A	01/25/10 7:50 AM	01/28/10	01/28/10 5:38 PM
1001566-005A	01/25/10 9:35 AM	01/27/10	01/27/10 10:15 PM	1001566-005A	01/25/10 9:35 AM	01/29/10	01/29/10 3:37 AM
1001566-006A	01/25/10 8:25 AM	01/29/10	01/29/10 2:37 AM	1001566-007A	01/25/10 8:48 AM	01/27/10	01/27/10 11:45 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 48305 WorkOrder 1001566

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 1001558-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Methyl-t-butyl ether (MTBE)	ND	10	108	110	2.20	108	105	3.01	70 - 130	30	70 - 130	30
%SS1:	80	25	76	78	2.15	79	78	0.421	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 48305 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1001566-001B	01/25/10 7:28 AM	01/26/10	01/26/10 5:30 PM	1001566-002B	01/25/10 10:03 AM	01/28/10	01/28/10 6:57 AM
1001566-003B	01/25/10 7:05 AM	01/27/10	01/27/10 6:12 PM	1001566-004B	01/25/10 7:50 AM	01/26/10	01/26/10 8:56 PM
1001566-005B	01/25/10 9:35 AM	01/26/10	01/26/10 9:34 PM	1001566-006B	01/25/10 8:25 AM	01/26/10	01/26/10 10:11 PM
1001566-007B	01/25/10 8:48 AM	01/26/10	01/26/10 10:49 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

AR QA/QC Officer

ATTACHMENT C

FIELD DATA SHEETS

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL GAUGING SHEET

Client: Conestoga-Rovers and Associates

Site Address: 706 Harrison Street, Oakland, CA

Date: 1/25/2010 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	6:05		16.72		24.40	
MW-2	6:15		17.10		25.09	
MW-3	6:20		16.39		27.69	
MW-4	6:10		17.64		2560	
MW-5	9:15		15.58		27.90	
MW-6	8:15		16.72		25.88	
MW-7	8:35		16.65		27.75	

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	1/25/2010
Client:	Conestoga-Rovers and Associates
Site Address:	706 Harrison, Street, Oakland, CA
Well ID:	MW-1
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer
Total Well Depth:	24.40
Depth to Water:	16.72
Water Column Height:	7.68
Gallons/ft:	0.16
1 Casing Volume (gal):	1.22
3 Casing Volumes (gal):	3.66

Fe= mg/L
ORP= mV
DO= mg/L

COMMENTS: turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
7:20	1.5	16.4	6.70	637
7:23	2.5	15.9	6.68	651
7:25	3.5	15.9	6.67	642

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1	1/25/10	7:28	40 mL VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	1/25/2010
Client:	Conestoga-Rovers and Associates
Site Address:	706 Harrison, Street, Oakland, CA
Well ID:	MW-2
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	25.09	**Fe=**	**mg/L**
Depth to Water:	17.10	**ORP=**	**mV**
Water Column Height:	7.99	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.27	**COMMENTS:**	
3 Casing Volumes (gal):	3.81	turbid	

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
9:55	1.5	18.5	6.18	413
9:57	3.0	17.9	6.21	398
10:00	4.0	17.9	6.24	410

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-2	1/25/10	10:03	40 mL VOA	HCL, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	1/25/2010
Client:	Conestoga-Rovers and Associates
Site Address:	706 Harrison, Street, Oakland, CA
Well ID:	MW-3
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer
Total Well Depth:	27.69
Depth to Water:	16.39
Water Column Height:	11.30
Gallons/ft:	0.16
1 Casing Volume (gal):	1.80
3 Casing Volumes (gal):	5.40

Fe= mg/L
ORP= mV
DO= mg/L

COMMENTS: turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
6:55	2.0	14.9	6.72	515
6:57	4.0	15.6	6.68	519
7:00	5.0	15.8	6.65	530

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3	1/25/10	7:05	40 mL VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	1/25/2010
Client:	Conestoga-Rovers and Associates
Site Address:	706 Harrison, Street, Oakland, CA
Well ID:	MW-4
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer

Total Well Depth:	25.60
Depth to Water:	17.64
Water Column Height:	7.96
Gallons/ft:	0.16
1 Casing Volume (gal):	1.27
3 Casing Volumes (gal):	3.81

Fe=	**mg/L**
ORP=	**mV**
DO=	**mg/L**

COMMENTS: turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
7:40	1.5	17.2	6.64	360
7:43	3.0	17.6	6.61	371
7:45	4.0	17.7	6.65	362

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-4	1/25/10	7:50	40 mL VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	1/25/2010
Client:	Conestoga-Rovers and Associates
Site Address:	706 Harrison, Street, Oakland, CA
Well ID:	MW-5
Well Diameter:	2"
Purging Device:	Disposable Bailers
Sampling Method:	Disposable Bailer
Total Well Depth:	27.90
Depth to Water:	15.58
Water Column Height:	12.32
Gallons/ft:	0.16
1 Casing Volume (gal):	1.97
3 Casing Volumes (gal):	5.91

Fe= mg/L
ORP= mV
DO= mg/L

COMMENTS: turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
9:20	2.0	18.1	6.19	496
9:25	4.0	18.3	6.11	490
9:30	6.0	18.0	6.17	493

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-5	1/25/10	9:35	40 mL VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260

Signature:

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	1/25/2010
Client:	Conestoga-Rovers and Associates
Site Address:	706 Harrison, Street, Oakland, CA
Well ID:	MW-6
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer
Total Well Depth:	25.88
Depth to Water:	16.72
Water Column Height:	9.16
Gallons/ft:	0.16
1 Casing Volume (gal):	1.46
3 Casing Volumes (gal):	4.38

Fe= mg/L
ORP= mV
DO= mg/L

COMMENTS: turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
8:17	1.5	17.0	6.72	490
8:19	3.0	17.4	6.65	497
8:21	4.0	17.1	6.66	490

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-6	1/25/10	8:25	40 mL VOA	HCl, ICE	TPH$_g$, BTEX, MTBE	8015, 8021, 8260
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	1/25/2010
Client:	Conestoga-Rovers and Associates
Site Address:	706 Harrison, Street, Oakland, CA
Well ID:	MW-7
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer
Total Well Depth:	27.75
Depth to Water:	16.65
Water Column Height:	11.10
Gallons/ft:	0.16
1 Casing Volume (gal):	1.77
3 Casing Volumes (gal):	5.31

Fe=	**mg/L**
ORP=	**mV**
DO=	**mg/L**

COMMENTS: turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
8:38	1.5	18.0	6.13	710
8:40	3.0	17.8	6.16	713
8:45	5.0	17.3	6.16	725

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-7	1/25/10	8:48	40 mL VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260
				Signature:		

ATTACHMENT D

WASTE MANIFESTS

No groundwater monitoring derived wastes were removed during this sampling event. CRA will coordinate to dispose of the three 55-gallon drums which contain water from groundwater activities that are currently on site at a later to be determined date.