ConocoPhillips
76 Broadway
Sacramento, California 95818

October 15, 2009

Mr. Stephen Plunkett
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Semiannual Summary Report**
76 Service Station #0752
800 Harrison St, Oakland, CA

Dear Mr. Plunkett:

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

If you have any questions or need additional information, please call me at (916) 558-7604.

Sincerely,

Eric G. Hetrick
Site Manager
Risk Management & Remediation

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Quarterly Status Summary Report Third Quarter 2009
800, 726, and 706 Harrison Street
Oakland, California

Stantec Project No.:
211402300

Submitted to:
Mr. Steven Plunkett
Senior Hazardous Materials Specialist
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

October 15, 2009

Quarterly Status Summary Report Third Quarter 2009
800, 726, and 706 Harrison Street
October 15, 2009

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.

MONITORING WELL SURVEY

Mid Coast Engineers, Inc. (Mid Coast) was contracted by Stantec to survey the monitoring wells and tie in the elevations of the site wells at 800 Harrison Street and 706 Harrison Street with existing wells at 726 Harrison Street. The measurements were obtained from conventional survey and GPS techniques, using data from existing control points from 726 Harrison Street. The wells were surveyed for geographical location to the NAD 83 Datum, and for well casing elevation to the NGVD 29 Datum. The City of Oakland BM 25A benchmark was used with an elevation of 25.812 feet. In order to obtain NGVD 29 datum, 3.0 feet were added to the City benchmark and the elevation was adjusted to 28.812 feet. A copy of the Mid Coast Engineers survey data is included in Attachment 1. Stantec has uploaded the GeoXYZ files to the State Geotracker database for 800 Harrison Street. Uploading of GeoXYZ files for 726 and 706 Harrison Street is the responsibility of ASE and CRA, respectively.

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 environmental protection agency (EPA) Methods:

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

Notes:
BTEX = Benzene, toluene, ethylbenzene, xylenes
MTBE = Methyl tertiary butyl ether
NA = Not analyzed
TPHg = Total petroleum hydrocarbons as gasoline.

During the third quarter 2009 (3Q09) monitoring and sampling event, the 20 wells were gauged and sampled during a coordinated event on August 3, 2009. 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	13 / 20	67 (MW-8 -Unocal)	67,000 (MW-2-Gin)
Benzene	9 / 20	17 (MW-5-Unocal)	3,500 (MW-5 -Yee)
Toluene	8 / 20	2.8 (MW-1-Gin)	12,000 (MW-2-Gin)
Ethylbenzene	8 / 20	0.59 (MW-4-Yee)	1,800 (MW-2-Gin)
Total Xylenes	7 / 20	6.7 (MW-1-Gin)	8,200 (MW-2-Gin)
MTBE	18 / 20	0.87 (MW-7-Gin)	28,000 (MW-5 -Yee)

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.

This quarter, the direction of groundwater flow across the three sites was to the southwest at an approximate gradient of 0.008 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 16.23 feet to 20.10 feet below the top of casing (TOC). The average groundwater elevation was 13.35 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.

TRC's Semi-Annual Monitoring Report dated September 30, 2009, is presented as Attachment 2, and includes Tables 1, 1a, 2 through 2c, coordinated event data -Table 2, Figures 1 through 5, graphs, field data sheets, and groundwater analytical reports. ASEs' 3Q09 data is presented as Attachment 3 and CRA's 3Q09 data is presented as Attachment 4. The updated well survey data was not provided to TRC, ASE, and CRA before the third quarter data was provided, therefore the revised groundwater elevations are presented in Table 1.

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 3Q09 event. Sheen was observed in one site well (MW-2) at 706 Harrison Street during the 3Q09 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. NAPL 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 third quarter 2009.

CHARACTERIZATION STATUS

The extent of hydrocarbons in groundwater has been delineated laterally by the monitoring well network and CPT borings, with the exception of MTBE to the southwest and southeast (Figures 5 though 7). 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.

WASTE DISPOSAL SUMMARY

The volume and 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

Received from ACHS*, Letter for Commingled Plume Account,* dated June 12, 2009.
Received from ACHS*, Letter for Groundwater Monitoring Requirements,* dated July 24, 2009.
Submitted by Stantec*, Site Conceptual Model*, dated September 30, 2009.

Work Completed (Third Quarter 2009)

- Conducted coordinated third quarter 2009 groundwater monitoring and sampling activities.
- Prepared and submitted the Site Conceptual Model for the three coordinated sites 800, 726, and 706 Harrison Street.

Work Planned (Fourth Quarter 2009 and First 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 first 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: October 15, 2009

Stamp:

PROFESSIONAL GEOLOGIST
DIANE M. BARCLAY
No. HG 34
CERTIFIED HYDRO GEOLOGIST
STATE OF CALIFORNIA

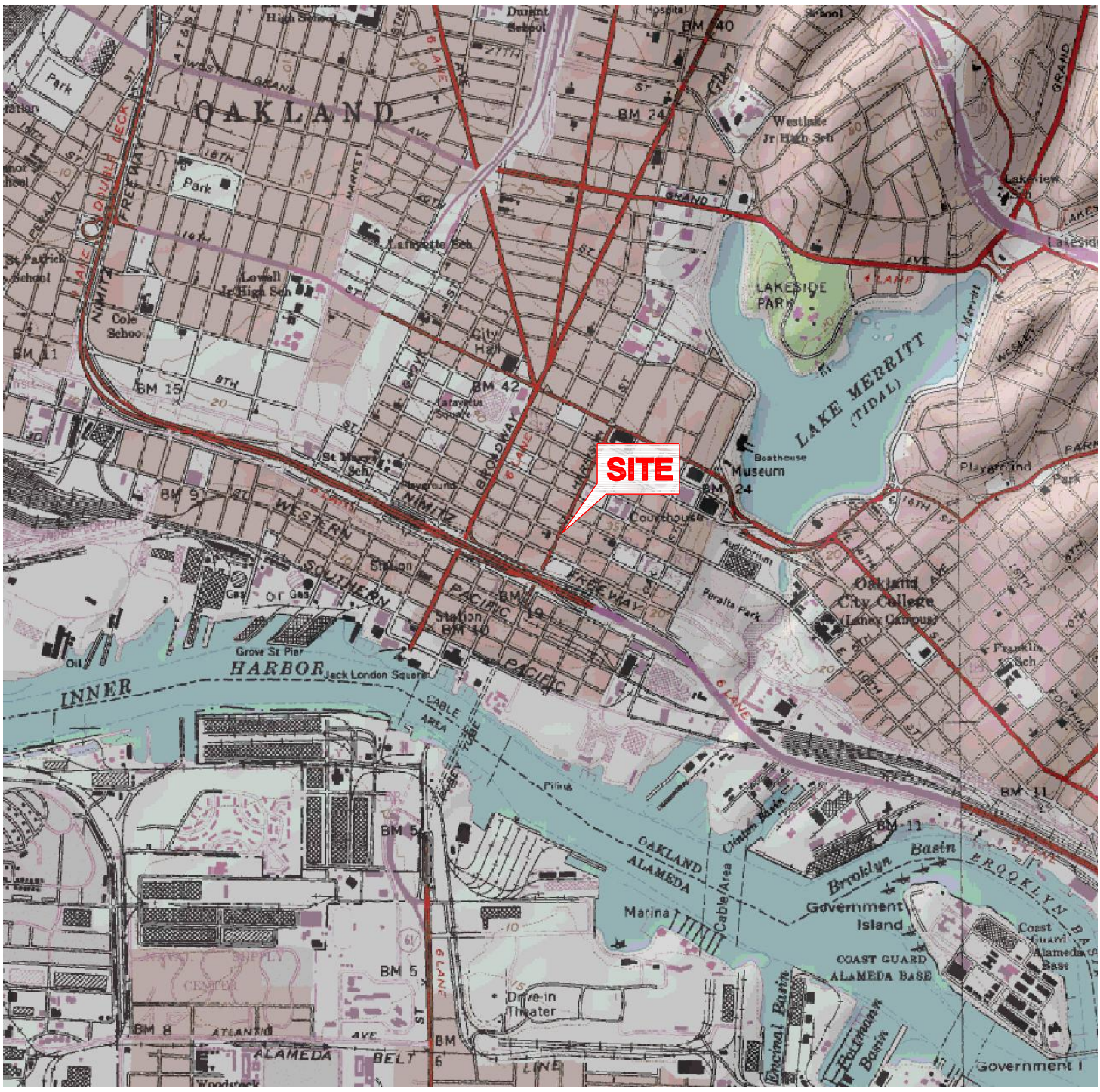
CC. Ms. Shelby Lathrop (via electronic upload to Livelink)
Mr. Mark Jonas, Conestoga-Rovers & Associates (via mjonas@CRAworld.com)
Mr. Robert Kitay, Aqua Science Engineers Inc. (via Kitay@aquascienceengineers.com

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

Table 1 Revised Groundwater Elevation Data

Attachment 1: Mid Coast Engineers Survey Data
Attachment 2: TRC Semi-Annual Monitoring Report, October 2008 through March 2009
Attachment 3: ASE's Third Quarter 2009 Data
Attachment 4: CRA's Third Quarter 2009 Data

FIGURES



1 1/2 0 1

SCALE (MILES)

1000 0 1000 2000 3000 4000 5000 6000 7000

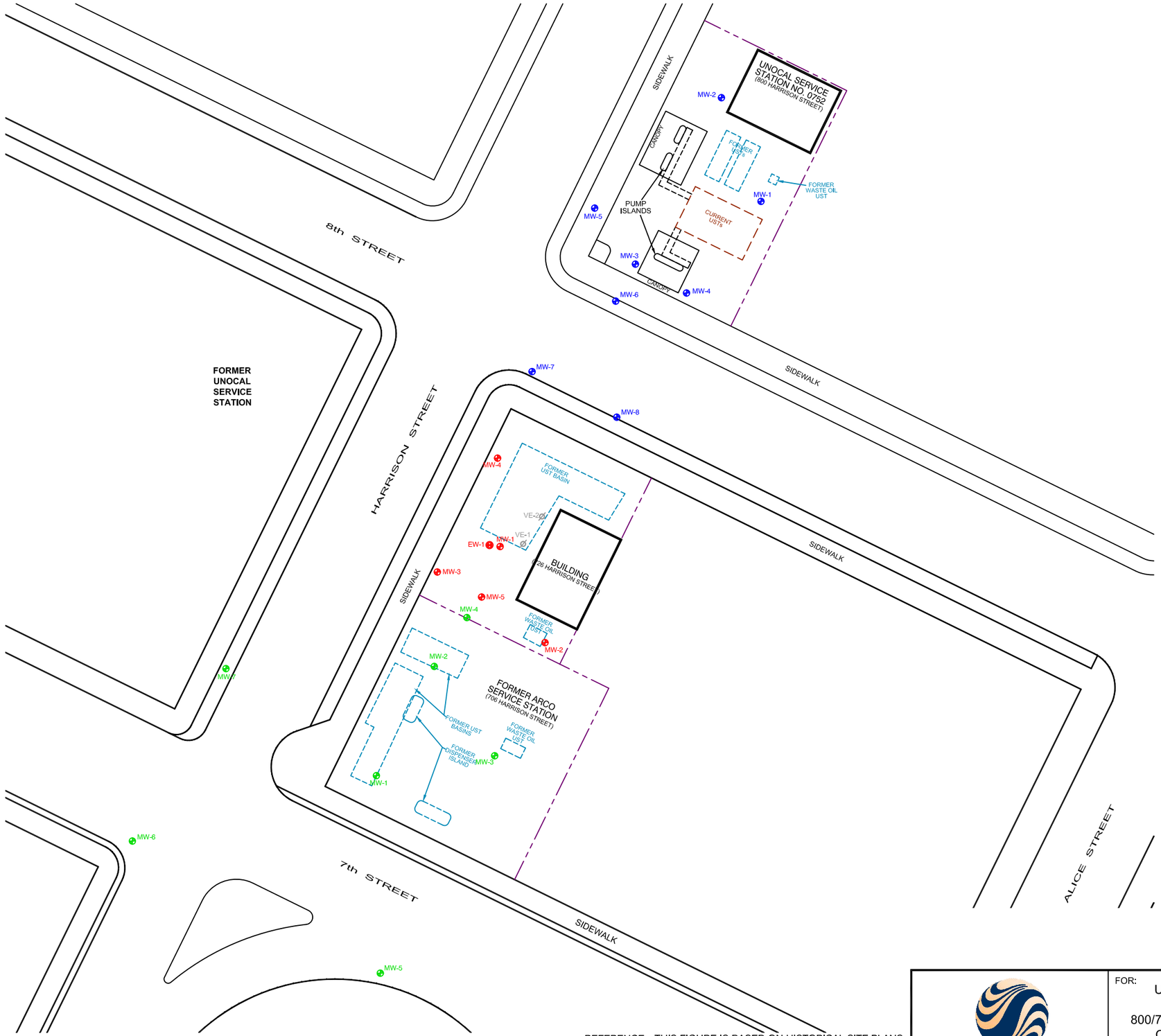
SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, OAKLAND EAST, CALIFORNIA

Stantec

FOR:				FIGURE:
UNOCAL NO. 0752/YEE/GIN COMMINGLED 800/726/706 HARRISON STREET OAKLAND, CALIFORNIA		**SITE LOCATION MAP**		**1**
JOB NUMBER: 211402121.200.0301	DRAWN BY: MDR	CHECKED BY: LS	APPROVED BY: DB	DATE: 10/12/09

FILEPATH:M:\ConocoPhillips\0752\FIG-1 TOPO.dwg | Layout Tab: Layout1 | Drafter: MiRamirez | Oct 14, 2009 at 16:45



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).

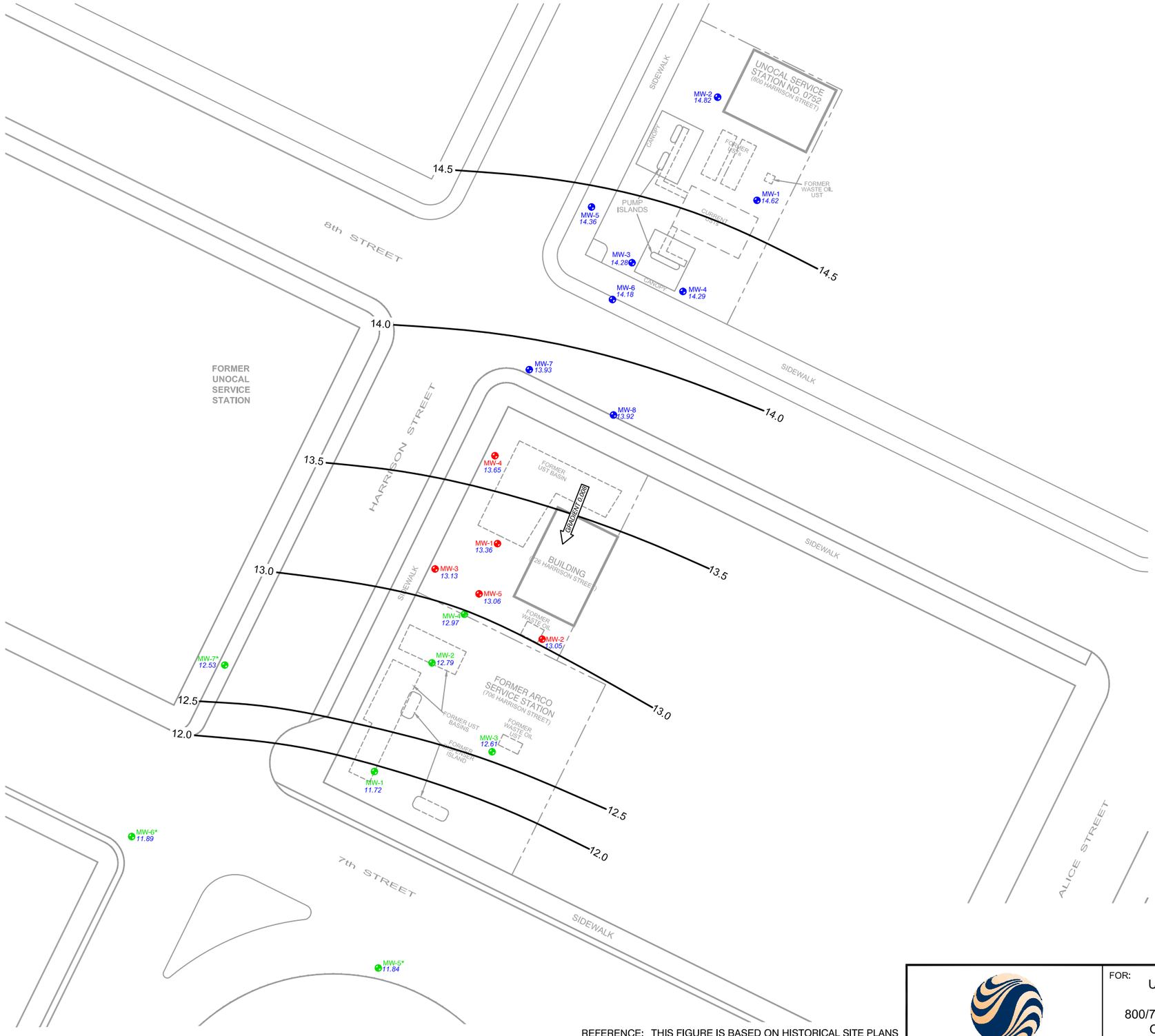
Stantec

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:
211402121.200.0301	STACM	DB	DB	10/12/09



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)
- 0.0 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MEAN SEA LEVEL)
- 0.0 — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- * — WELLS PURGED PRIOR TO MEASUREMENT OF GROUNDWATER LEVELS, MAY AFFECT VALIDITY OF THE ELEVATION DATA.

N

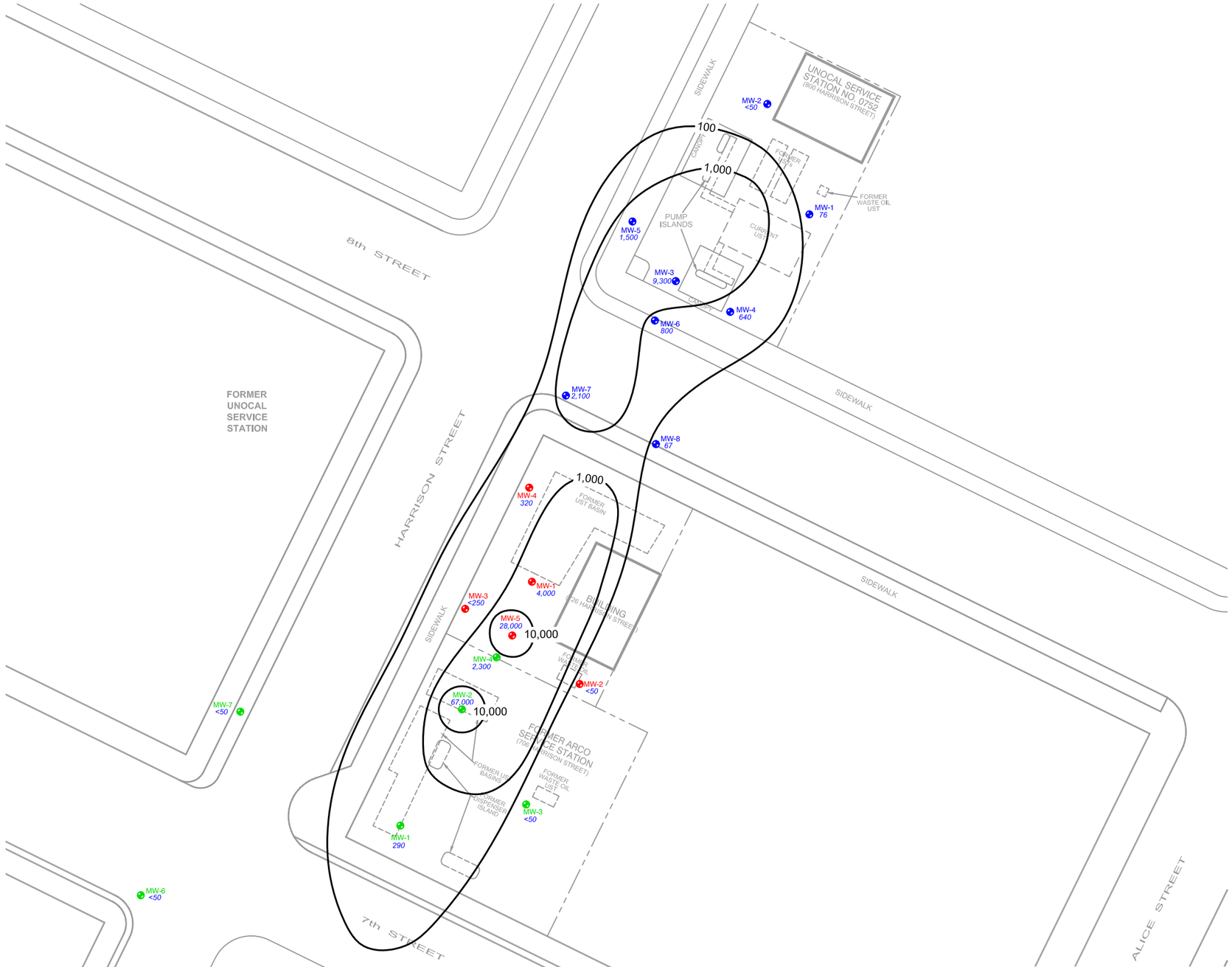
0 50 100

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 AUGUST 3, 2009**		FIGURE: **3**
JOB NUMBER: 211402121.200.0301	DRAWN BY: STACM	CHECKED BY: DB	APPROVED BY: DB	DATE: 10/12/09



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)
- *640* 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 THIRD QUARTER 2009

FIGURE: **4**

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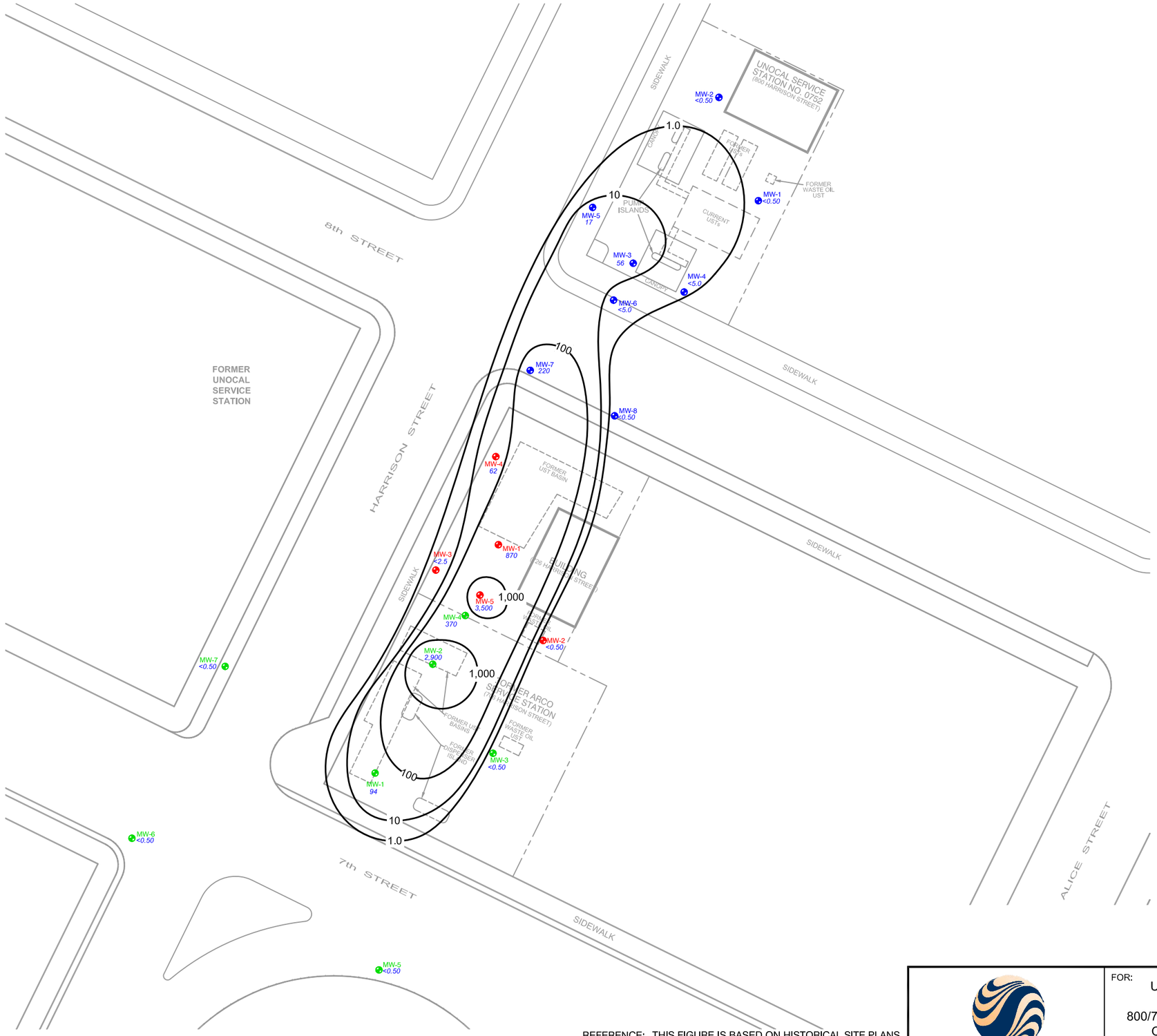

LEGEND:

- GROUNDWATER MONITORING WELL LOCATION (UNOCAL SITE)
- GROUNDWATER MONITORING WELL LOCATION (YEE SITE)
- GROUNDWATER MONITORING WELL LOCATION (GIN SITE)
- *100* BENZENE CONCENTRATION CONTOUR (µg/L)
- *640* 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 THIRD QUARTER 2009

FIGURE: **5**

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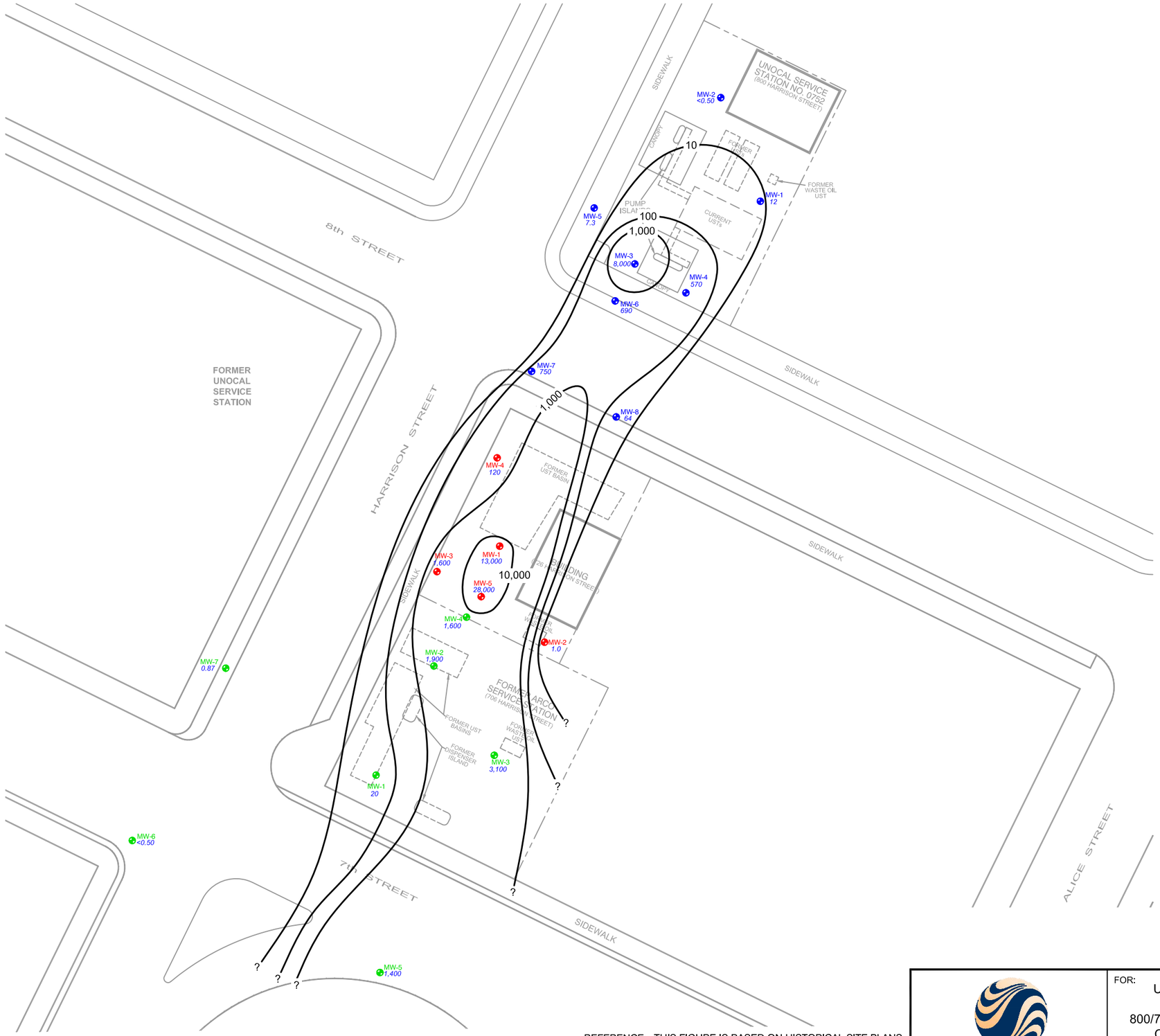


LEGEND:

- GROUNDWATER MONITORING WELL LOCATION (UNOCAL SITE)
- GROUNDWATER MONITORING WELL LOCATION (YEE SITE)
- GROUNDWATER MONITORING WELL LOCATION (GIN SITE)
- *100* MTBE CONCENTRATION CONTOUR (µg/L)
- *640* 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 THIRD QUARTER 2009

FIGURE: **6**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211402121.200.0301	STA/CM	DB	DB	10/12/09

FILEPATH:M:\ConocoPhillips\0752\AUTOPOST 2009\3Q 2009\FIG-6 MTBE ISO.dwg | Layout Tab: 11X17L | Drafter: MiRamirez | Oct 15, 2009 at 15:09

TABLE

TABLE 1
REVISED GROUNDWATER ELEVATION DATA

800, 726, and 706 Harrison Street
Oakland, California

Sample ID	As-Built Screen Interval (feet, below TOC)	TOC [1] Elevation (feet)	Date Gauged	Depth to GW (feet, below TOC)	GWE (feet)	NAPL Thickness (feet)	Sheen
800 Harrison (Unocal Property)							
MW-1	13.5-33.5	34.72	08/03/09	20.10	14.62	0	No
MW-2	15-33	34.74	08/03/09	19.92	14.82	0	No
MW-3	15-33	33.18	08/03/09	18.90	14.28	0	No
MW-4	15-33	32.72	08/03/09	18.43	14.29	0	No
MW-5	15-32	32.98	08/03/09	18.62	14.36	0	No
MW-6	15-32	32.19	08/03/09	18.01	14.18	0	No
MW-7	13-33	32.22	08/03/09	18.29	13.93	0	No
MW-8	40,146	32.03	08/03/09	18.11	13.92	0	No
726 Harrison (Yee Property)							
MW-1	18-28	31.98	08/03/09	18.62	13.36	0	No
MW-2	10-30	32.44	08/03/09	19.39	13.05	0	No
MW-3	10-30	31.64	08/03/09	18.51	13.13	0	No
MW-4	10-30	32.56	08/03/09	18.91	13.65	0	No
MW-5	10-30	32.06	08/03/09	19.00	13.06	0	No
706 Harrison (Gin Property)							
MW-1	18-28	29.17	08/03/09	17.45	11.72	0	No
MW-2	18-28	30.53	08/03/09	17.74	12.79	0	Yes
MW-3	18-28	29.79	08/03/09	17.18	12.61	0	No
MW-4	9.5-29.8	31.20	08/03/09	18.23	12.97	0	No
MW-5	14.5-29	28.07	08/03/09	16.23	11.84	0	No
MW-6	11.5-26.5	29.13	08/03/09	17.24	11.89	0	No
MW-7	13-28	29.70	08/03/09	17.17	12.53	0	No

Notes:

GW Groundwater
GWE Groundwater elevation
NAPL Non aqueous phase liquid
TOC Top of casing

1 TOC elevations were surveyed to the NGVD 29 Datum from conventional survey techniques in combination with GPS observations by Mid Coast Engineers on 9/29/09. The benchmark was City of Oakland BM 25A, elevation = 25.812 feet. To obtain NGVD 29 datum, 3.0 feet were added to the City datum and the elevation was adjusted to 28.812 feet.

ATTACHMENT 1

MID COAST ENGINEERS SURVEY DATA

Quarterly Status Summary Report – Third Quarter 2009
800, 726, and 706 Harrison Street
Oakland, California

Mid Coast Engineers
Civil Engineers and Land Surveyors
70 Penny Lane, Suite A - Watsonville, CA 95076
Phone: (831) 724-2580
Fax: (831) 724-8025
e-mail: lee@midcoastengineers.com

Richard A. Wadsworth
Civil Engineer
Stanley O. Nielsen
Land Surveyor
Lee D. Vaage
Land Surveyor
Jeff S. Nielsen
Land Surveyor

LETTER OF TRANSMITTAL

To: Laura Shook
STANTEC
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Date: 1 October 2009

Job No.: 09111

Re: Unocal #0752

We are transmitting herewith:

GeoTracker Report for Unocal Station #0752/Yee/Gin Comingle, 800/726/706 Harrison Street, Oakland
Job Number 211402121.200.0301

Copy To:

Signed: Lee Vaage, Land Surveyor

If enclosures are not as noted, kindly notify us at once.

Mid Coast Engineers
Civil Engineers and Land Surveyors
70 Penny Lane, Suite A - Watsonville, CA 95076
phone: (831) 724-2580
fax: (831) 724-8025
e-mail: lee@midcoastengineers.com

Richard A. Wadsworth
Civil Engineer
Stanley O. Nielsen
Land Surveyor
Lee D. Vaage
Land Surveyor
Jeff S. Nielsen
Land Surveyor

October 1, 2009

Laura E. Shook
Stantec
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Re: **UNOCAL #0752/YEE/GIN COMINGLE, 800/726/706 Harrison Street, Oakland, California;** STANTEC Job Number 211402121.200.0301, MCE Job No. 09111

Dear Ms. Shook,

As you requested, on September 29 we found the nine wells, benchmark and GPS control points from our survey of November 29, 2001 at the Yee Property, 726 Harrison Street. We surveyed two wells previously reported by Chavez Land Surveying on October 27, 2003 at the Gin Property, 706 Harrison Street. Although the horizontal and vertical data from the Chavez survey fit quite closely with our data, we rotated and translated the site report for all seven wells. We also resurveyed the eight wells at the UNOCAL site, 800 Harrison Street. Our findings are listed on the attached sheets, expressed in State Plane Coordinates and in Latitude/Longitude.

A notch was cut in the north rim of the PVC casing (TOC) and a cross chiseled in the north rim of the box (TOB).

Measurements were obtained from conventional survey techniques in combination with GPS techniques (Code CGPS), using control points H016 and H031 as shown on the map entitled "Record of Survey No. 990, "Monumentation System for the Port of Oakland", filed in Book 18 of Surveys at Pages 50-60, Alameda County Records. Latitude and Longitude as shown were determined from the California Coordinate System, Zone 3, NAD 83 Datum. The accuracy range of the reported information is +/- 1cmm. GPS equipment is the Trimble 5700/5800 system (Code T57).

The benchmark is City of Oakland BM 25A, a brass pin in monument box in the sidewalk at the northeast corner of the intersection of 7th Street and Harrison. Elevation =25.812, City of Oakland Datum. To obtain NGVD '29 datum, 3.0 feet are added to the City Datum; therefore, Elevation = **28.812 feet, NGVD 29 datum**.

Please let me know if you have questions or need additional information.

Yours truly,

Lee D. Vaage

LICENSED LAND SURVEYOR
LEE D. VAAGE
No. 5029
RENEWAL 12-31-09
STATE OF CALIFORNIA

UNOCAL #0752/YEE/GIN COMINGLE
800/726/706 Harrison Street
Oakland, California

STANTEC Job Number 211402121.200.0301

Project : 09111
User name MCE Date & Time 9:51:32 AM 10/1/2009
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NGVD 29
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Northing	Easting	Elevation	Description
UNOCAL SERVICE STATION NO. 0752				
72	2118196.92	6050378.23	34.72	MW-1toc
73	2118197.22	6050378.21	34.96	MW-1tob
70	2118246.27	6050359.41	34.74	MW-2toc
71	2118246.51	6050359.19	35.12	MW-2tob
74	2118167.05	6050318.44	33.18	MW-3toc
75	2118167.38	6050318.27	33.43	MW-3tob
63	2118153.28	6050342.79	32.72	MW-4toc
64	2118153.54	6050342.80	33.15	MW-4tob
65	2118193.72	6050299.06	32.98	MW-5toc
66	2118194.17	6050299.09	33.27	MW-5tob
61	2118149.43	6050309.07	32.19	MW-6toc
62	2118149.74	6050309.05	32.44	MW-6tob
42	2118115.87	6050269.26	32.22	MW-7toc
43	2118116.17	6050269.16	32.50	MW-7tob
40	2118094.15	6050309.56	32.03	MW-8toc
41	2118094.42	6050309.45	32.36	MW-8tob
YEE PROPERTY				
109	2118027.04	6050253.63	32.02	AS-1toc
110	2118027.69	6050253.34	32.39	AS-1tob
111	2118033.27	6050249.03	31.89	EW-1toc
112	2118033.44	6050248.93	32.38	EW-1tob
107	2118032.60	6050254.05	31.98	MW-1toc
108	2118032.91	6050253.97	32.43	MW-1tob

115	2117986.84	6050275.43	32.44	MW-2toc
116	2117987.06	6050275.32	32.70	MW-2tob
103	2118020.47	6050224.17	31.64	MW-3toc
104	2118020.69	6050223.90	31.85	MW-3tob
120	2118074.66	6050252.84	32.56	MW-4toc
121	2118074.89	6050252.78	32.79	MW-4tob
113	2118008.55	6050245.23	32.06	MW-5toc
114	2118008.86	6050245.12	32.39	MW-5tob
105	2118033.83	6050265.03	32.29	VE-1toc
106	2118034.26	6050264.92	32.64	VE-1tob
118	2118046.89	6050274.01	32.52	VE-2toc
119	2118047.31	6050273.98	32.75	VE-2tob

GIN PROPERTY

201	2117923.52	6050195.16	29.17	MW-1toc
202	2117975.50	6050222.71	30.53	MW-2toc
203	2117932.97	6050251.47	29.79	MW-3toc
204	2117995.77	6050238.23	31.20	MW-4toc
205	2117829.48	6050197.02	28.07	MW-5toc
206	2117892.37	6050079.00	29.13	MW-6toc
207	2117974.46	6050123.54	29.70	MW-7toc
102	2117926.21	6050157.38	28.81	BM25A

UNOCAL #0752/YEE/GIN COMINGLE
800/726/706 Harrison Street
Oakland, California

STANTEC Job Number 211402121.200.0301

Project : 09111
User name MCE Date & Time 9:51:32 AM 10/1/2009
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NGVD 29
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Latitude	Longitude	Elevation	Description
UNOCAL SERVICE STATION NO. 0752				
72	37.798908390°N	122.269708041°W	34.72	MW-1toc
73	37.798909206°N	122.269708133°W	34.96	MW-1tob
70	37.799042915°N	122.269776400°W	34.74	MW-2toc
71	37.799043570°N	122.269777197°W	35.12	MW-2tob
74	37.798823270°N	122.269913013°W	33.18	MW-3toc
75	37.798824144°N	122.269913601°W	33.43	MW-3tob
63	37.798786716°N	122.269827846°W	32.72	MW-4toc
64	37.798787415°N	122.269827810°W	33.15	MW-4tob
65	37.798895485°N	122.269981802°W	32.98	MW-5toc
66	37.798896731°N	122.269981729°W	33.27	MW-5tob
61	37.798774382°N	122.269944274°W	32.19	MW-6toc
62	37.798775239°N	122.269944365°W	32.44	MW-6tob
42	37.798680177°N	122.270079835°W	32.22	MW-7toc
43	37.798680993°N	122.270080194°W	32.50	MW-7tob
40	37.798622627°N	122.269938957°W	32.03	MW-8toc
41	37.798623360°N	122.269939358°W	32.36	MW-8tob
YEE PROPERTY				
109	37.798435449°N	122.270128119°W	32.02	AS-1toc
110	37.798437208°N	122.270129154°W	32.39	AS-1tob
111	37.798452303°N	122.270144416°W	31.89	EW-1toc
112	37.798452787°N	122.270144795°W	32.38	EW-1tob
107	37.798450741°N	122.270127029°W	31.98	MW-1toc
108	37.798451589°N	122.270127327°W	32.43	MW-1tob

115	37.798326199°N	122.270050020°W	32.44	MW-2toc
116	37.798326806°N	122.270050448°W	32.70	MW-2tob
103	37.798415876°N	122.270229618°W	31.64	MW-3toc
104	37.798416458°N	122.270230559°W	31.85	MW-3tob
120	37.798566168°N	122.270133956°W	32.56	MW-4toc
121	37.798566800°N	122.270134195°W	32.79	MW-4tob
113	37.798384231°N	122.270155967°W	32.06	MW-5toc
114	37.798385097°N	122.270156378°W	32.39	MW-5tob
105	37.798454691°N	122.270089095°W	32.29	VE-1toc
106	37.798455864°N	122.270089518°W	32.64	VE-1tob
118	37.798491023°N	122.270058885°W	32.52	VE-2toc
119	37.798492173°N	122.270059010°W	32.75	VE-2tob

GIN PROPERTY

201	37.798148161°N	122.270323644°W	29.17	MW-1toc
202	37.798292335°N	122.270231721°W	30.53	MW-2toc
203	37.798177034°N	122.270129424°W	29.79	MW-3toc
204	37.798348777°N	122.270179339°W	31.20	MW-4toc
205	37.797890037°N	122.270311052°W	28.07	MW-5toc
206	37.798056599°N	122.270723589°W	29.13	MW-6toc
207	37.798284308°N	122.270574824°W	29.70	MW-7toc
102	37.798153578°N	122.270454584°W	28.81	BM25A

	A	B	C	D	E	F	G	H	I	J	K	L
1	**UNOCAL #0752/YEE/GIN COMINGLE**											
2	**800/726/706 Harrison Street**											
3	**Oakland, California**											
4												
5	**STANTEC Job Number 211402121.200.0301**											
6												
7	Project : 09111											
8	User name MCE			Date & Time	9:51:32 AM 10/1/2009							
9	Coordinate System	US State Plane 1983		Zone	California Zone 3 0403							
10	Project Datum	NAD 1983 (Conus)										
11	Vertical Datum	NGVD 29										
12	Coordinate Units	US survey feet										
13	Distance Units	US survey feet										
14	Elevation Units	US survey feet										
15												
16	**UNOCAL SERVICE STATION NO. 0752**											
17												
18		MW-1	MW	09/29/2009	37.7989084	-122.2697080	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
19		MW-2	MW	09/29/2009	37.7990429	-122.2697764	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
20		MW-3	MW	09/29/2009	37.7988233	-122.2699130	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
21		MW-4	MW	09/29/2009	37.7987867	-122.2698278	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
22		MW-5	MW	09/29/2009	37.7988955	-122.2699818	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
23		MW-6	MW	09/29/2009	37.7987744	-122.2699443	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
24		MW-7	MW	09/29/2009	37.7986802	-122.2700798	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
25		MW-8	MW	09/29/2009	37.7986226	-122.2699390	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
26												
27	**YEE PROPERTY**											
28												
29		AS-1	MW	09/29/2009	37.7984354	-122.2701281	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
30		EW-1	MW	09/29/2009	37.7984523	-122.2701444	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
31		MW-1	MW	09/29/2009	37.7984507	-122.2701270	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
32		MW-2	MW	09/29/2009	37.7983262	-122.2700500	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
33		MW-3	MW	09/29/2009	37.7984159	-122.2702296	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
34		MW-4	MW	09/29/2009	37.7985662	-122.2701340	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
35		MW-5	MW	09/29/2009	37.7983842	-122.2701560	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
36		VE-1	MW	09/29/2009	37.7984547	-122.2700891	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
37		VE-2	MW	09/29/2009	37.7984910	-122.2700589	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing

	A	B	C	D	E	F	G	H	I	J	K	L
38												
39	**GIN PROPERTY**											
40												
41		MW-1	MW	09/29/2009	37.7981482	-122.2703236	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
42		MW-2	MW	09/29/2009	37.7982923	-122.2702317	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
43		MW-3	MW	09/29/2009	37.7981770	-122.2701294	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
44		MW-4	MW	09/29/2009	37.7983488	-122.2701793	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
45		MW-5	MW	09/29/2009	37.7978900	-122.2703111	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
46		MW-6	MW	09/29/2009	37.7980566	-122.2707236	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing
47		MW-7	MW	09/29/2009	37.7982843	-122.2705748	CGPS	NAD83	1	Mid Coast Engineers	T57	top of casing

	A	B	C	D	E	F	G	H
1	**UNOCAL #0752/YEE/GIN COMINGLE**							
2	**800/726/706 Harrison Street**							
3	**Oakland, California**							
4								
5	**STANTEC Job Number 211402121.200.0301**							
6								
7	Project : 09111							
8	User name MCE		Date & Time	9:51:32 AM 10/1/2009				
9	Coordinate System	US State Plane 1983		Zone	California Zone 3 0403			
10	Project Datum	NAD 1983 (Conus)						
11	Vertical Datum	NGVD 29						
12	Coordinate Units	US survey feet						
13	Distance Units	US survey feet						
14	Elevation Units	US survey feet						
15								
16	**UNOCAL SERVICE STATION NO. 0752**							
17								
18		MW-1	09/29/2009	34.72	CGPS	29	0.5	Mid Coast Engineers
19		MW-2	09/29/2009	34.74	CGPS	29	0.5	Mid Coast Engineers
20		MW-3	09/29/2009	33.18	CGPS	29	0.5	Mid Coast Engineers
21		MW-4	09/29/2009	32.72	CGPS	29	0.5	Mid Coast Engineers
22		MW-5	09/29/2009	32.98	CGPS	29	0.5	Mid Coast Engineers
23		MW-6	09/29/2009	32.19	CGPS	29	0.5	Mid Coast Engineers
24		MW-7	09/29/2009	32.22	CGPS	29	0.5	Mid Coast Engineers
25		MW-8	09/29/2009	32.03	CGPS	29	0.5	Mid Coast Engineers
26								
27	**YEE PROPERTY**							
28								
29		AS-1	09/29/2009	32.02	CGPS	29	0.5	Mid Coast Engineers
30		EW-1	09/29/2009	31.89	CGPS	29	0.5	Mid Coast Engineers
31		MW-1	09/29/2009	31.98	CGPS	29	0.5	Mid Coast Engineers
32		MW-2	09/29/2009	32.44	CGPS	29	0.5	Mid Coast Engineers

	A	B	C	D	E	F	G	H
33		MW-3	09/29/2009	31.64	CGPS	29	0.5	Mid Coast Engineers
34		MW-4	09/29/2009	32.56	CGPS	29	0.5	Mid Coast Engineers
35		MW-5	09/29/2009	32.06	CGPS	29	0.5	Mid Coast Engineers
36		VE-1	09/29/2009	32.29	CGPS	29	0.5	Mid Coast Engineers
37		VE-2	09/29/2009	32.52	CGPS	29	0.5	Mid Coast Engineers
38								
39	**GIN PROPERTY**							
40								
41		MW-1	09/29/2009	29.17	CGPS	29	0.5	Mid Coast Engineers
42		MW-2	09/29/2009	30.53	CGPS	29	0.5	Mid Coast Engineers
43		MW-3	09/29/2009	29.79	CGPS	29	0.5	Mid Coast Engineers
44		MW-4	09/29/2009	31.20	CGPS	29	0.5	Mid Coast Engineers
45		MW-5	09/29/2009	28.07	CGPS	29	0.5	Mid Coast Engineers
46		MW-6	09/29/2009	29.13	CGPS	29	0.5	Mid Coast Engineers
47		MW-7	09/29/2009	29.70	CGPS	29	0.5	Mid Coast Engineers

NOTES:

1. COORDINATES ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE III, NAD 83.
2. BENCHMARK IS CITY OF OAKLAND 25A, A BRASS PIN IN MONUMENT BOX NE CORNER OF 7TH STREET AND HARRISON STREET.
ELEVATION = 28.812, ADJUSTED TO NGVD '29.
3. SURVEYED AT THE REQUEST OF STANTEC IN SEPTEMBER 2009, JOB NUMBER 211402121.200.0301.

SCALE: 1"=50'
JOB NO. 09111
DATE: OCT. 1, 2009
SHEET: 1 OF 1

MID COAST ENGINEERS
CIVIL ENGINEERS AND LAND SURVEYORS
70 PENNY LANE SUITE A WATSONVILLE, CA 95076
(831) 724-2580

MONITORING WELL LOCATION MAP FOR
UNOCAL SERVICE STATION NO. 0752/ YEE/GIN COMINGLE

800/726/706 HARRISON STREET
OAKLAND, CALIFORNIA

ATTACHMENT 2
TRC'S SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2009

Quarterly Status Summary Report – Third Quarter 2009
800, 726, and 706 Harrison Street
Oakland, California

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: September 30, 2009

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
APRIL THROUGH SEPTEMBER 2009

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 **October 7, 2009,** copies of this report will be sent to you for distribution

Please send all comments to me at cherrera@trcsolutions.com. If you have any questions regarding this report, please call me at (949) 727-7345.

Sincerely,

TRC

Christina Carrillo
Technical Writer

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: September 30, 2009

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
APRIL THROUGH SEPTEMBER 2009

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
20-0400/0752R13 QMS

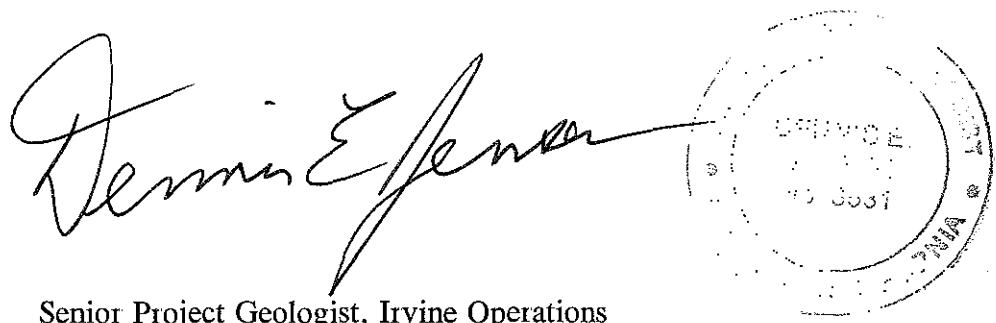
SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2009

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: 9/29/09

TRC

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results Table 2c: Additional Historic Analytical Results
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 – 08/03/09 Groundwater Sampling Field Notes – 08/03/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Disposal Documents	Disposal/Treatment Manifests – Current (Pending)
Statement	Limitations

Summary of Gauging and Sampling Activities
April 2009 through September 2009
76 Station 0752
800 Harrison Street
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **08/03/09**

Sample Points

Groundwater wells: **4** onsite, **4** offsite Points gauged: **8** Points sampled: **8**
Purging method: **Bailer/submersible pump**
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: **18.01 feet** Maximum: **20.1 feet**
Average groundwater elevation (relative to available local datum): **14.27 feet**
Average change in groundwater elevation since previous event: **0.56 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.03 ft/ft, southwest**
Previous event: **0.02 ft/ft, southwest (01/26/09)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **3** Sample Points above MCL (1.0 µg/l): **3**
Maximum reported benzene concentration: **220 µg/l (MW-7)**

Sample Points with **TPH-G by GC/MS** **7** Maximum: **9,300 µg/l (MW-3)**
Sample Points with **MTBE 8260B** **7** Maximum: **8,000 µg/l (MW-3)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)
D	=	duplicate
P	=	no-purge sample

ANALYTES

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

NOTES

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

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

August 3, 2009

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)**											
08/03/09	34.69	20.10	0.00	14.59	0.64	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12	
MW-2			**(Screen Interval in feet: 15-33)**											
08/03/09	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	
MW-3			**(Screen Interval in feet: 15-33)**											
08/03/09	33.14	18.90	0.00	14.24	0.64	--	9300	56	ND<50	ND<50	ND<100	--	8000	
MW-4			**(Screen Interval in feet: 15-33)**											
08/03/09	32.71	18.43	0.00	14.28	0.37	--	640	ND<5.0	6.6	ND<5.0	ND<10	--	570	
MW-5			**(Screen Interval in feet: 15-32)**											
08/03/09	32.95	18.62	0.00	14.33	0.63	--	1500	17	9.0	3.5	22	--	7.3	
MW-6			**(Screen Interval in feet: 15-32)**											
08/03/09	32.16	18.01	0.00	14.15	0.45	--	800	ND<5.0	ND<5.0	ND<5.0	ND<10	--	690	
MW-7			**(Screen Interval in feet: 13-33)**											
08/03/09	32.20	18.29	0.00	13.91	0.61	--	2100	220	14	10	31	--	750	
MW-8			**(Screen Interval in feet: 11-29)**											
08/03/09	32.00	18.11	0.00	13.89	0.54	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	64	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Ethanol (8260B) (µg/l)
MW-1	
08/03/09	ND<250
MW-2	
08/03/09	ND<250
MW-3	
08/03/09	ND<25000
MW-4	
08/03/09	ND<2500
MW-5	
08/03/09	ND<250
MW-6	
08/03/09	ND<2500
MW-7	
08/03/09	ND<250
MW-8	
08/03/09	ND<250

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through August 2009

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)**											
06/05/91	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/30/91	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/30/91	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/02/92	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/30/92	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/15/92	34.94	--	--	--	--	76	--	1.0	ND	ND	ND	--	--	
12/21/92	34.94	21.17	0.00	13.77	--	95	--	0.69	ND	ND	1.0	--	--	
04/28/93	34.94	--	--	--	--	920	--	3.1	2.3	1.2	9.7	--	--	
07/23/93	34.94	20.13	0.00	14.81	--	ND	--	0.5	0.66	ND	ND	--	--	
10/05/93	34.69	20.30	0.00	14.39	-0.42	92	--	1.5	ND	ND	0.72	--	--	
01/03/94	34.69	20.52	0.00	14.17	-0.22	ND	--	ND	ND	ND	ND	--	--	
04/02/94	34.69	20.16	0.00	14.53	0.36	ND	--	ND	ND	ND	ND	--	--	
07/05/94	34.69	19.27	0.00	15.42	0.89	250	--	4.8	13	1.2	7.3	--	--	
10/06/94	34.69	20.87	0.00	13.82	-1.60	540	--	1.4	ND	0.66	11	--	--	
01/02/95	34.69	19.67	0.00	15.02	1.20	140	--	ND	ND	ND	ND	--	--	
04/03/95	34.69	17.61	0.00	17.08	2.06	580	--	3.6	0.8	ND	4.0	--	--	
07/14/95	34.69	18.58	0.00	16.11	-0.97	260	--	2.1	ND	ND	1.2	--	--	
10/10/95	34.69	19.60	0.00	15.09	-1.02	220	--	2.0	ND	25	5.6	29	--	
01/03/96	34.69	19.69	0.00	15.00	-0.09	190	--	2.4	ND	0.71	1.2	--	--	
04/10/96	34.69	17.65	0.00	17.04	2.04	540	--	8.9	1.7	1.5	7.4	50	--	
07/09/96	34.69	18.52	0.00	16.17	-0.87	490	--	3.0	1.4	1.3	2.5	150	--	
01/24/97	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 August 2009
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														
07/23/97	34.69	19.42	0.00	15.27	-1.70	ND	--	ND	ND	ND	ND	550	--	
01/26/98	34.69	17.46	0.00	17.23	1.96	1800	--	ND	ND	ND	ND	4800	--	
07/03/98	34.69	18.61	0.00	16.08	-1.15	ND	--	ND	ND	ND	ND	1800	--	
01/14/99	34.69	18.92	0.00	15.77	-0.31	83	--	ND	ND	ND	ND	230	--	
07/15/99	34.69	17.84	0.00	16.85	1.08	110	--	ND	ND	ND	1.0	290	--	
01/07/00	34.69	19.13	0.00	15.56	-1.29	ND	--	ND	ND	ND	ND	260	--	
07/19/00	34.69	20.27	0.00	14.42	-1.14	ND	--	ND	ND	ND	ND	648	--	
01/02/01	34.69	20.04	0.00	14.65	0.23	ND	--	ND	ND	ND	ND	119	--	
05/23/01	34.69	18.27	0.00	16.42	1.77	84	--	ND	ND	ND	ND	760	--	
07/30/01	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	--	
10/15/01	34.69	18.72	0.00	15.97	-0.16	96	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	160	--	
01/14/02	34.69	16.78	0.00	17.91	1.94	450	--	ND<2.5	ND<2.5	ND<2.5	3.3	4100	--	
04/15/02	34.69	17.35	0.00	17.34	-0.57	ND<1000	--	ND<10	ND<10	ND<10	ND<10	10000	--	
07/15/02	34.69	17.63	0.00	17.06	-0.28	2100	--	ND<10	ND<10	ND<10	ND<20	--	2100	
01/18/03	34.69	17.04	0.00	17.65	0.59	ND<25000	--	ND<250	ND<250	ND<250	ND<500	--	29000	
07/11/03	34.69	17.91	0.00	16.78	-0.87	4000	--	ND<25	ND<25	ND<25	ND<50	--	6300	
02/04/04	34.69	17.98	0.00	16.71	-0.07	--	8000	ND<50	ND<50	ND<50	ND<100	--	8500	
08/11/04	34.69	17.84	0.00	16.85	0.14	--	1100	ND<10	ND<10	ND<10	ND<20	--	1500	
03/31/05	34.69	15.71	0.00	18.98	2.13	--	ND<2000	ND<0.50	ND<0.50	0.54	2.2	--	4900	
09/30/05	34.69	17.65	0.00	17.04	-1.94	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
03/27/06	34.69	15.03	0.00	19.66	2.62	--	760	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1000	
09/27/06	34.69	18.45	0.00	16.24	-3.42	--	170	ND<0.50	ND<0.50	ND<0.50	0.61	--	73	
03/27/07	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 August 2009
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														
09/28/07	34.69	19.73	0.00	14.96	-0.89	--	68	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	15	
03/26/08	34.69	19.32	0.00	15.37	0.41	--	200	ND<0.50	ND<0.50	ND<0.50	1.0	--	47	
07/28/08	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	
01/26/09	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	
08/03/09	34.69	20.10	0.00	14.59	0.64	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12	
MW-2			**(Screen Interval in feet: 15-33)**											
06/05/91	34.97	--	--	--	--	49	--	ND	ND	ND	ND	--	--	
09/30/91	34.97	--	--	--	--	130	--	18	0.53	14	9.6	--	--	
12/30/91	34.97	--	--	--	--	91	--	16	0.89	11	1.9	--	--	
04/02/92	34.97	--	--	--	--	88	--	12	0.32	6.3	7.2	--	--	
06/30/92	34.97	--	--	--	--	76	--	9.3	0.76	4.8	6.9	--	--	
09/15/92	34.97	--	--	--	--	1300	--	91	5.7	80	110	--	--	
12/21/92	34.97	20.85	0.00	14.12	--	960	--	97	3.2	74	96	--	--	
04/28/93	34.97	--	--	--	--	1300	--	76	1.9	130	87	--	--	
07/23/93	34.97	19.81	0.00	15.16	--	66	--	1.8	ND	2.5	2.0	--	--	
10/05/93	34.72	19.95	0.00	14.77	-0.39	120	--	12	ND	2.1	12	--	--	
01/03/94	34.72	20.21	0.00	14.51	-0.26	260	--	25	ND	5.5	26	--	--	
04/02/94	34.72	19.88	0.00	14.84	0.33	ND	--	0.65	ND	ND	0.99	--	--	
07/05/94	34.72	19.07	0.00	15.65	0.81	160	--	16	ND	0.73	10	--	--	
10/06/94	34.72	20.55	0.00	14.17	-1.48	170	--	15	ND	1.4	11	--	--	
01/02/95	34.72	19.25	0.00	15.47	1.30	190	--	27	ND	0.95	11	--	--	
04/03/95	34.72	17.49	0.00	17.23	1.76	2400	--	65	6.6	19	63	--	--	
07/14/95	34.72	18.30	0.00	16.42	-0.81	750	--	270	ND	ND	13	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
10/10/95	34.72	19.25	0.00	15.47	-0.95	50	--	1.6	ND	ND	ND	200	--	
01/03/96	34.72	19.40	0.00	15.32	-0.15	ND	--	ND	ND	ND	ND	--	--	
04/10/96	34.72	17.35	0.00	17.37	2.05	300	--	42	ND	2.4	9	620	--	
07/09/96	34.72	18.22	0.00	16.50	-0.87	760	--	230	ND	1.3	2.4	1500	--	
01/24/97	34.72	17.59	0.00	17.13	0.63	2900	--	400	350	190	720	1300	--	
07/23/97	34.72	19.13	0.00	15.59	-1.54	ND	--	ND	ND	ND	ND	65	--	
01/26/98	34.72	17.12	0.00	17.60	2.01	ND	--	ND	ND	ND	0.58	13	--	
07/03/98	34.72	18.20	0.00	16.52	-1.08	140	--	26	ND	0.95	5.0	330	--	
01/14/99	34.72	18.56	0.00	16.16	-0.36	ND	--	0.54	ND	ND	ND	350	--	
07/15/99	34.72	17.39	0.00	17.33	1.17	ND	--	0.88	ND	ND	ND	39	--	
01/07/00	34.72	18.78	0.00	15.94	-1.39	ND	--	ND	ND	ND	ND	24	--	
07/19/00	34.72	19.68	0.00	15.04	-0.90	ND	--	1.45	ND	ND	ND	117	--	
01/02/01	34.72	19.73	0.00	14.99	-0.05	ND	--	ND	ND	ND	ND	11.4	--	
05/23/01	34.72	18.16	0.00	16.56	1.57	ND	--	ND	ND	ND	ND	33	--	
07/30/01	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	--	
10/15/01	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	--	
01/14/02	34.72	16.72	0.00	18.00	1.80	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.56	11	--	
04/15/02	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	--	
07/15/02	34.72	17.46	0.00	17.26	-0.20	270	--	21	ND<0.50	3.8	4.0	--	73	
01/18/03	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	
07/11/03	34.72	17.68	0.00	17.04	-0.75	130	--	3.0	ND<0.50	ND<0.50	ND<1.0	--	89	
02/04/04	34.72	17.36	0.00	17.36	0.32	--	61	2.9	ND<0.50	ND<0.50	ND<1.0	--	22	
08/11/04	34.72	17.61	0.00	17.11	-0.25	--	140	ND<0.50	0.60	ND<0.50	ND<1.0	--	94	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
03/31/05	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	
09/30/05	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	
03/27/06	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	
09/27/06	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	
03/27/07	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	
09/28/07	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	
03/26/08	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	
07/28/08	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	
01/26/09	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	
08/03/09	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	
MW-3			**(Screen Interval in feet: 15-33)**											
06/05/91	33.39	--	--	--	--	5800	--	1200	40	140	97	--	--	
09/30/91	33.39	--	--	--	--	6800	--	1400	130	290	240	--	--	
12/30/91	33.39	--	--	--	--	7200	--	2100	690	410	550	--	--	
04/02/92	33.39	--	--	--	--	8000	--	1400	200	300	310	--	--	
06/30/92	33.39	--	--	--	--	8900	--	1900	210	430	550	--	--	
09/15/92	33.39	--	--	--	--	10000	--	1900	330	400	580	--	--	
12/21/92	33.39	20.02	0.00	13.37	--	8500	--	1500	150	310	330	--	--	
04/28/93	33.39	--	--	--	--	2600	--	220	7.6	41	27	--	--	
07/23/93	33.39	19.00	0.00	14.39	--	4400	--	660	26	160	82	--	--	
10/05/93	33.14	19.20	0.00	13.94	-0.45	9200	--	720	88	140	140	--	--	
01/03/94	33.14	19.40	0.00	13.74	-0.20	4900	--	830	100	170	150	--	--	
04/02/94	33.14	19.01	0.00	14.13	0.39	6000	--	800	30	140	110	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
07/05/94	33.14	18.14	0.00	15.00	0.87	25000	--	ND	ND	ND	ND	--	--	
10/06/94	33.14	19.73	0.00	13.41	-1.59	49000	--	1300	200	280	300	--	--	
01/02/95	33.14	18.36	0.00	14.78	1.37	480	--	1.6	ND	1.4	ND	--	--	
04/03/95	33.14	16.38	0.00	16.76	1.98	8100	--	65	ND	ND	ND	--	--	
07/14/95	33.14	17.49	0.00	15.65	-1.11	ND	--	1300	ND	ND	ND	--	--	
10/10/95	33.14	18.50	0.00	14.64	-1.01	3100	--	1400	36	50	53	190000	--	
01/03/96	33.14	18.54	0.00	14.60	-0.04	ND	--	2300	110	150	140	--	--	
07/09/96	33.14	17.43	0.00	15.71	1.11	ND	--	2000	ND	150	160	140000	--	
01/24/97	33.14	16.57	0.00	16.57	0.86	540	--	8.0	ND	11	9.9	45	--	
07/23/97	33.14	18.38	0.00	14.76	-1.81	7400	--	1900	180	140	340	45000	--	
01/26/98	33.14	16.22	0.00	16.92	2.16	250	--	2.2	1.9	0.87	1.9	4.0	--	
07/03/98	33.14	17.46	--	15.68	-1.24	230	--	1.8	2.5	1.5	3.4	6.3	--	
01/14/99	33.14	17.73	--	15.41	-0.27	400	--	8.2	2.7	0.90	5.9	140	--	
07/15/99	33.14	16.58	--	16.56	1.15	290	--	3.3	3.6	1.7	2.5	13	--	
01/07/00	33.14	17.84	--	15.30	-1.26	ND	--	890	91	100	480	20000	--	
07/19/00	33.14	18.92	--	14.22	-1.08	354	--	3.87	2.61	0.646	ND	13.7	--	
01/02/01	33.14	19.07	--	14.07	-0.15	464	--	ND	3.69	3.91	ND	21.1	--	
05/23/01	33.14	17.12	--	16.02	1.95	420	--	7.6	3.1	3.0	5.1	1900	--	
07/30/01	33.14	17.38	--	15.76	-0.26	290	--	4.6	4.1	ND<0.50	3.4	23	--	
10/15/01	33.14	17.61	--	15.53	-0.23	400	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	13	--	
01/14/02	33.14	15.53	--	17.61	2.08	130	--	0.50	0.61	1.1	ND<0.50	9.9	--	
04/15/02	33.14	16.12	--	17.02	-0.59	280	--	9.9	1.6	3.3	6.8	1400	--	
07/15/02	33.14	16.48	--	16.66	-0.36	64	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	33	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
01/18/03	33.14	15.81	--	17.33	0.67	420	--	0.54	ND<0.50	ND<0.50	ND<1.0	130	--	
07/11/03	33.14	16.74	--	16.40	-0.93	--	300	2.3	ND<0.50	ND<0.50	ND<1.0	--	31	
02/04/04	33.14	16.15	0.00	16.99	0.59	--	130	7.9	ND<0.50	ND<0.50	ND<1.0	--	63	
08/11/04	33.14	16.64	0.00	16.50	-0.49	--	ND<20000	ND<200	ND<200	ND<200	ND<400	--	20000	
03/31/05	33.14	14.53	0.00	18.61	2.11	--	ND<20000	330	ND<200	ND<200	ND<400	--	78000	
09/30/05	33.14	16.55	0.00	16.59	-2.02	--	12000	360	40	ND<25	50	--	20000	
03/27/06	33.14	13.66	0.00	19.48	2.89	--	10000	150	ND<25	53	99	--	15000	
09/27/06	33.14	17.40	0.00	15.74	-3.74	--	ND<12000	ND<120	ND<120	ND<120	ND<120	--	12000	
03/27/07	33.14	17.55	0.00	15.59	-0.15	--	8700	180	ND<12	60	57	--	8900	
09/28/07	33.14	18.59	0.00	14.55	-1.04	--	9000	55	ND<50	ND<50	ND<50	--	11000	
03/26/08	33.14	18.19	0.00	14.95	0.40	--	450	13	1.3	0.84	1.4	--	7200	
07/28/08	33.14	19.00	0.00	14.14	-0.81	--	8300	ND<50	ND<50	ND<50	ND<100	--	13000	
01/26/09	33.14	19.54	0.00	13.60	-0.54	--	8800	27	ND<12	ND<12	ND<25	--	13000	
08/03/09	33.14	18.90	0.00	14.24	0.64	--	9300	56	ND<50	ND<50	ND<100	--	8000	
MW-4			**(Screen Interval in feet: 15-33)**											
10/19/92	--	--	--	--	--	480	--	0.51	2.1	2.8	6.8	--	--	
12/21/92	33.12	19.73	--	13.39	--	220	--	ND	ND	0.97	0.74	--	--	
04/28/93	33.12	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/23/93	33.12	18.72	--	14.40	--	85	--	ND	ND	ND	ND	--	--	
10/05/93	32.71	18.74	--	13.97	-0.43	130	--	ND	ND	ND	ND	--	--	
01/03/94	32.71	18.93	--	13.78	-0.19	210	--	ND	ND	0.76	1.6	--	--	
04/02/94	32.71	18.53	--	14.18	0.40	89	--	ND	ND	ND	ND	--	--	
07/05/94	32.71	17.67	--	15.04	0.86	190	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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-4 continued														
10/06/94	32.71	19.25	--	13.46	-1.58	170	--	0.85	ND	ND	0.74	--	--	
01/02/95	32.71	17.75	--	14.96	1.50	ND	--	ND	ND	ND	ND	--	--	
04/03/95	32.71	15.87	--	16.84	1.88	98	--	ND	ND	ND	ND	--	--	
07/14/95	32.71	17.01	--	15.70	-1.14	ND	--	ND	ND	ND	ND	--	--	
10/10/95	32.71	18.03	--	14.68	-1.02	ND	--	ND	ND	ND	ND	120	--	
01/03/96	32.71	18.05	--	14.66	-0.02	ND	--	ND	ND	ND	ND	--	--	
04/10/96	32.71	16.00	--	16.71	2.05	ND	--	ND	ND	ND	ND	240	--	
07/09/96	32.71	16.96	--	15.75	-0.96	ND	--	ND	ND	ND	ND	480	--	
01/24/97	32.71	16.04	0.00	16.67	0.92	ND	--	ND	ND	ND	ND	270	--	
07/23/97	32.71	17.87	0.00	14.84	-1.83	ND	--	ND	ND	ND	ND	460	--	
01/26/98	32.71	16.05	--	16.66	1.82	ND	--	ND	ND	ND	ND	17	--	
07/03/98	32.71	16.95	--	15.76	-0.90	ND	--	ND	ND	ND	ND	3.8	--	
01/14/99	32.71	17.34	--	15.37	-0.39	ND	--	ND	ND	ND	ND	4600	--	
07/15/99	32.71	16.36	--	16.35	0.98	ND	--	ND	ND	ND	ND	ND	--	
01/07/00	32.71	17.81	--	14.90	-1.45	ND	--	ND	ND	ND	ND	450	--	
07/19/00	32.71	18.94	--	13.77	-1.13	ND	--	ND	ND	ND	ND	ND	--	
01/02/01	32.71	18.85	--	13.86	0.09	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.71	16.82	--	15.89	2.03	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.71	16.88	--	15.83	-0.06	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.9	--	
10/15/01	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	--	
01/14/02	32.71	14.97	--	17.74	2.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30	--	
04/15/02	32.71	15.48	--	17.23	-0.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	180	--	
07/15/02	32.71	15.90	--	16.81	-0.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	50	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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-4 continued														
01/18/03	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	--	
07/11/03	32.71	16.17	--	16.54	-0.78	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	52	
02/04/04	32.71	16.12	0.00	16.59	0.05	--	1300	ND<10	ND<10	ND<10	ND<20	--	1700	
08/11/04	32.71	16.16	0.00	16.55	-0.04	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	6400	
03/31/05	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	
09/30/05	32.71	16.91	0.00	15.80	-2.76	--	900	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3800	
03/27/06	32.71	13.94	0.00	18.77	2.97	--	870	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2000	
09/27/06	32.71	16.91	0.00	15.80	-2.97	--	ND<1000	ND<10	ND<10	ND<10	ND<10	--	1600	
03/27/07	32.71	17.15	0.00	15.56	-0.24	--	1500	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	1700	
09/28/07	32.71	18.13	0.00	14.58	-0.98	--	590	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1400	
03/26/08	32.71	17.66	0.00	15.05	0.47	--	390	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1400	
07/28/08	32.71	18.34	0.00	14.37	-0.68	--	480	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	950	
01/26/09	32.71	18.80	0.00	13.91	-0.46	--	500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	830	
08/03/09	32.71	18.43	0.00	14.28	0.37	--	640	ND<5.0	6.6	ND<5.0	ND<10	--	570	
MW-5			**(Screen Interval in feet: 15-32)**											
10/19/92	--	--	--	--	--	2700	--	61	5.0	100	61	--	--	
12/21/92	33.25	19.75	--	13.50	--	1700	--	51	4.7	83	34	--	--	
04/28/93	33.25	--	--	--	--	6700	--	200	190	250	430	--	--	
07/23/93	33.25	18.74	--	14.51	--	2000	--	122	8.0	68	47	--	--	
10/05/93	32.95	18.83	--	14.12	-0.39	1700	--	70	6.2	54	40	--	--	
01/03/94	32.95	19.05	--	13.90	-0.22	1500	--	44	ND	42	46	--	--	
04/02/94	32.95	18.68	--	14.27	0.37	1800	--	46	5.1	38	35	--	--	
07/05/94	32.95	17.90	--	15.05	0.78	2200	--	97	8.4	37	36	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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-5 continued														
10/06/94	32.95	19.37	--	13.58	-1.47	1600	--	79	5.7	28	22	--	--	
01/02/95	32.95	17.92	--	15.03	1.45	1700	--	50	8.6	30	28	--	--	
04/03/95	32.95	16.15	--	16.80	1.77	5400	--	190	240	170	420	--	--	
07/14/95	32.95	17.18	--	15.77	-1.03	3800	--	210	100	130	190	--	--	
10/10/95	32.95	18.15	--	14.80	-0.97	1300	--	92	14	15	39	1100	--	
01/03/96	32.95	18.20	--	14.75	-0.05	630	--	53	4.4	8.3	13	--	--	
04/10/96	32.95	16.05	--	16.90	2.15	500	--	25	18	7.0	20	640	--	
07/09/96	32.95	17.11	--	15.84	-1.06	1000	--	44	20	10	34	150	--	
01/24/97	32.95	16.36	0.00	16.59	0.75	4000	--	190	400	160	430	600	--	
07/23/97	32.95	18.08	0.00	14.87	-1.72	1700	--	200	23	18	45	2500	--	
01/26/98	32.95	16.27	--	16.68	1.81	ND	--	ND	ND	ND	ND	ND	--	
07/03/98	32.95	17.27	--	15.68	-1.00	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.95	17.55	--	15.40	-0.28	330	--	61	4.1	2.2	2.9	560	--	
07/15/99	32.95	16.41	--	16.54	1.14	1100	--	170	ND	ND	27	660	--	
01/07/00	32.95	17.85	--	15.10	-1.44	1000	--	180	6.3	ND	14	430	--	
07/19/00	32.95	18.87	--	14.08	-1.02	2980	--	289	57.3	65.3	43.4	976	--	
01/02/01	32.95	18.47	--	14.48	0.40	1150	--	87.2	17.8	7.97	9.32	368	--	
05/23/01	32.95	17.38	--	15.57	1.09	840	--	42	10	13	7.1	130	--	
07/30/01	32.95	17.12	--	15.83	0.26	1900	--	82	24	6.9	13	370	--	
10/15/01	32.95	17.33	--	15.62	-0.21	26000	--	390	230	58	1300	ND<500	--	
01/14/02	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	--	
04/15/02	32.95	15.89	--	17.06	-0.56	310	--	20	6.7	11	7.7	77	--	
07/15/02	32.95	16.21	--	16.74	-0.32	1500	--	40	22	60	28	170	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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-5 continued														
01/18/03	32.95	15.68	--	17.27	0.53	ND<50	--	0.75	ND<0.50	ND<0.50	ND<1.0	81	--	
07/11/03	32.95	16.29	--	16.66	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
02/04/04	32.95	16.08	0.00	16.87	0.21	--	82	16	1.6	0.65	ND<1.0	--	16	
08/11/04	32.95	16.38	0.00	16.57	-0.30	--	900	81	14	2.8	11	--	120	
03/31/05	32.95	14.30	0.00	18.65	2.08	--	5000	160	84	65	72	--	140	
09/30/05	32.95	16.19	0.00	16.76	-1.89	--	1200	26	5.8	2.4	9.2	--	38	
03/27/06	32.95	13.90	0.00	19.05	2.29	--	1100	13	12	4.7	16	--	8.8	
09/27/06	32.95	17.06	0.00	15.89	-3.16	--	1300	20	11	2.3	15	--	21	
03/27/07	32.95	17.43	0.00	15.52	-0.37	--	960	15	7.8	2.2	11	--	14	
09/28/07	32.95	18.25	0.00	14.70	-0.82	--	1300	13	6.0	2.3	15	--	8.4	
03/26/08	32.95	17.82	0.00	15.13	0.43	--	1200	7.6	3.3	1.8	11	--	2.7	
07/28/08	32.95	18.70	0.00	14.25	-0.88	--	2000	12	4.9	3.2	17	--	ND<0.50	
01/26/09	32.95	19.25	0.00	13.70	-0.55	--	1400	7.4	3.3	2.5	11	--	3.3	
08/03/09	32.95	18.62	0.00	14.33	0.63	--	1500	17	9.0	3.5	22	--	7.3	
MW-6			**(Screen Interval in feet: 15-32)**											
10/19/92	--	--	--	--	--	3900	--	420	12	60	28	--	--	
12/21/92	32.42	19.17	--	13.25	--	2300	--	370	11	39	15	--	--	
04/28/93	32.42	--	--	--	--	1200	--	54	1.5	11	5.3	--	--	
07/23/93	32.42	18.17	--	14.25	--	580	--	19	0.99	3.4	2.7	--	--	
10/05/93	32.16	18.35	--	13.81	-0.44	1400	--	34	ND	5.3	7.3	--	--	
01/03/94	32.16	18.54	--	13.62	-0.19	1400	--	57	ND	8.5	11	--	--	
04/02/94	32.16	18.15	--	14.01	0.39	5300	--	ND	ND	ND	ND	--	--	
07/05/94	32.16	17.25	--	14.91	0.90	ND	--	ND	ND	ND	ND	--	--	

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HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
10/06/94	32.16	18.85	--	13.31	-1.60	11000	--	ND	ND	ND	ND	--	--	
01/02/95	32.16	17.51	--	14.65	1.34	550	--	18	0.92	2.0	1.8	--	--	
04/03/95	32.16	15.48	--	16.68	2.03	6600	--	ND	ND	ND	ND	--	--	
07/14/95	32.16	16.63	--	15.53	-1.15	ND	--	ND	ND	ND	ND	--	--	
10/10/95	32.16	17.68	--	14.48	-1.05	ND	--	81	ND	ND	ND	75000	--	
01/03/96	32.16	17.66	--	14.50	0.02	70	--	9.9	0.58	ND	0.81	--	--	
04/10/96	32.16	15.56	--	16.60	2.10	300	--	258	4.7	0.94	2.7	53000	--	
07/09/96	32.16	16.59	--	15.57	-1.03	1800	--	410	ND	12	ND	76000	--	
01/24/97	32.16	15.69	0.00	16.47	0.90	ND	--	0.80	ND	ND	ND	390	--	
07/23/97	32.16	17.53	0.00	14.63	-1.84	5700	--	1100	240	240	700	16000	--	
01/26/98	32.16	15.44	--	16.72	2.09	ND	--	ND	ND	ND	ND	ND	--	
07/03/98	32.16	16.58	--	15.58	-1.14	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.16	17.02	--	15.14	-0.44	ND	--	ND	ND	ND	ND	14	--	
07/15/99	32.16	15.95	--	16.21	1.07	ND	--	ND	ND	ND	ND	2.8	--	
01/07/00	32.16	16.96	--	15.20	-1.01	78	--	24	ND	0.66	17	280	--	
07/19/00	32.16	18.04	--	14.12	-1.08	ND	--	ND	1.32	ND	0.974	ND	--	
01/02/01	32.16	18.10	--	14.06	-0.06	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.16	16.42	--	15.74	1.68	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	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	--	
10/15/01	32.16	16.67	--	15.49	-0.18	ND<50	--	ND<0.50	0.62	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	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	--	
04/15/02	32.16	15.07	--	17.09	-0.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.73	ND<5.0	--	
07/15/02	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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
01/18/03	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	--	
07/11/03	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	
02/04/04	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	
08/11/04	32.16	15.81	0.00	16.35	-0.32	--	7900	95	ND<50	ND<50	ND<100	--	9100	
03/31/05	32.16	13.70	0.00	18.46	2.11	--	ND<5000	2.5	ND<0.50	ND<0.50	ND<1.0	--	7600	
09/30/05	32.16	15.48	0.00	16.68	-1.78	--	4300	140	37	28	41	--	5800	
03/27/06	32.16	13.02	0.00	19.14	2.46	--	7200	34	0.66	0.96	18	--	9900	
09/27/06	32.16	16.56	0.00	15.60	-3.54	--	1800	ND<12	ND<12	ND<12	ND<12	--	3300	
03/27/07	32.16	16.73	0.00	15.43	-0.17	--	1600	2.8	ND<2.5	ND<2.5	ND<2.5	--	1800	
09/28/07	32.16	17.75	0.00	14.41	-1.02	--	830	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1600	
03/26/08	32.16	17.31	0.00	14.85	0.44	--	940	45	5.9	2.0	5.3	--	1300	
07/28/08	32.16	18.50	0.00	13.66	-1.19	--	500	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	750	
01/26/09	32.16	18.46	0.00	13.70	0.04	--	570	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	500	
08/03/09	32.16	18.01	0.00	14.15	0.45	--	800	ND<5.0	ND<5.0	ND<5.0	ND<10	--	690	
MW-7			**(Screen Interval in feet: 13-33)**											
10/19/92	--	--	--	--	--	--	--	--	--	--	--	--	--	
04/28/93	32.49	--	--	--	--	110	--	2.8	1.3	1.4	1.7	--	--	
07/23/93	32.49	18.60	--	13.89	--	790	--	23	3.3	28	5.4	--	--	
10/05/93	32.20	18.76	--	13.44	-0.45	360	--	10	1.2	0.91	0.99	--	--	
01/03/94	32.20	18.91	--	13.29	-0.15	ND	--	0.93	ND	0.75	1.9	--	--	
04/02/94	32.20	18.50	--	13.70	0.41	360	--	2.0	ND	ND	0.8	--	--	
07/05/94	32.20	17.52	--	14.68	0.98	ND	--	ND	ND	ND	ND	--	--	
10/06/94	32.20	19.25	--	12.95	-1.73	340	--	5.6	0.85	ND	1.2	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
01/02/95	32.20	17.67	--	14.53	1.58	ND	--	ND	ND	ND	ND	--	--	
04/03/95	32.20	15.81	--	16.39	1.86	570	--	24	ND	3.4	5.8	--	--	
07/14/95	32.20	17.05	--	15.15	-1.24	ND	--	14	ND	ND	ND	--	--	
10/10/95	32.20	18.08	--	14.12	-1.03	740	--	170	ND	ND	ND	13000	--	
01/03/96	32.20	18.02	--	14.18	0.06	360	--	16	1.3	2.7	1.4	--	--	
04/10/96	32.20	15.81	--	16.39	2.21	120	--	4.1	1.5	ND	0.88	3200	--	
07/09/96	32.20	16.99	--	15.21	-1.18	ND	--	ND	ND	ND	ND	3400	--	
01/24/97	32.20	16.08	0.00	16.12	0.91	ND	--	16	ND	ND	ND	6600	--	
07/23/97	32.20	17.99	0.00	14.21	-1.91	ND	--	16	ND	ND	0.62	10000	--	
01/26/98	32.20	15.56	--	16.64	2.43	ND	--	ND	ND	ND	0.56	ND	--	
07/03/98	32.20	17.04	--	15.16	-1.48	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.20	--	--	--	--	--	--	--	--	--	--	--	--	inaccessible-parked car
07/15/99	32.20	15.72	--	16.48	--	ND	--	ND	ND	ND	ND	290	--	
01/07/00	32.20	16.80	--	15.40	-1.08	ND	--	7.7	ND	ND	4.4	98	--	
07/19/00	32.20	17.88	--	14.32	-1.08	ND	--	ND	1.27	ND	0.979	ND	--	
01/02/01	32.20	17.97	--	14.23	-0.09	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.20	16.81	--	15.39	1.16	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	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	--	
10/15/01	32.20	16.98	--	15.22	-0.19	ND<50	--	ND<0.50	0.58	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	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	--	
04/15/02	32.20	15.29	--	16.91	-0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.70	ND<5.0	--	
07/15/02	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	--	
01/18/03	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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
07/11/03	32.20	15.89	--	16.31	-0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	19	
02/04/04	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	
08/11/04	32.20	16.12	0.00	16.08	-0.22	--	ND<5000	120	ND<50	ND<50	ND<100	--	5100	
03/31/05	32.20	13.99	0.00	18.21	2.13	--	ND<5000	190	ND<50	ND<50	ND<100	--	8400	
09/30/05	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	
03/27/06	32.20	13.40	0.00	18.80	2.53	--	2500	160	10	11	26	--	5600	
09/27/06	32.20	16.96	0.00	15.24	-3.56	--	2800	180	ND<12	15	44	--	4200	
03/27/07	32.20	17.30	0.00	14.90	-0.34	--	920	66	2.9	3.4	4.5	--	970	
09/28/07	32.20	18.10	0.00	14.10	-0.80	--	4000	440	15	17	59	--	3300	
03/26/08	32.20	17.64	0.00	14.56	0.46	--	390	39	3.3	0.85	7.5	--	96	
07/28/08	32.20	18.50	0.00	13.70	-0.86	--	64	3.3	ND<0.50	ND<0.50	ND<1.0	--	8.7	
01/26/09	32.20	18.90	0.00	13.30	-0.40	--	80	7.9	0.58	ND<0.50	ND<1.0	--	10	
08/03/09	32.20	18.29	0.00	13.91	0.61	--	2100	220	14	10	31	--	750	
MW-8			**(Screen Interval in feet: 11-29)**											
04/28/93	32.33	--	--	--	--	450	--	18	1.8	1.8	1.4	--	--	
07/23/93	32.33	18.45	--	13.88	--	260	--	5.1	ND	0.6	ND	--	--	
10/05/93	32.00	18.57	--	13.43	-0.45	120	--	1.7	ND	ND	ND	--	--	
01/03/94	32.00	18.73	--	13.27	-0.16	ND	--	ND	ND	ND	ND	51	--	
04/02/94	32.00	18.30	--	13.70	0.43	150	--	1.2	ND	ND	ND	--	--	
07/05/94	32.00	17.41	--	14.59	0.89	730	--	17	ND	1.6	ND	--	--	
10/06/94	32.00	18.98	--	13.02	-1.57	140	--	ND	ND	ND	ND	--	--	
01/02/95	32.00	17.58	--	14.42	1.40	440	--	18	0.72	2.0	1.8	--	--	
04/03/95	32.00	15.54	--	16.46	2.04	960	--	11	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
07/14/95	32.00	16.81	--	15.19	-1.27	280	--	4.2	2.6	1.1	3.3	--	--	
10/10/95	32.00	17.85	--	14.15	-1.04	110	--	1.3	0.62	0.67	ND	170	--	
01/03/96	32.00	17.82	--	14.18	0.03	63	--	ND	0.51	ND	1.8	--	--	
04/10/96	32.00	15.70	--	16.30	2.12	ND	--	1.1	0.61	ND	ND	60	--	
07/09/96	32.00	16.78	--	15.22	-1.08	72	--	1.0	ND	ND	ND	140	--	
01/24/97	32.00	15.79	0.00	16.21	0.99	ND	--	ND	ND	ND	ND	76	--	
07/23/97	32.00	17.69	0.00	14.31	-1.90	ND	--	ND	ND	ND	ND	270	--	
01/26/98	32.00	15.50	--	16.50	2.19	ND	--	ND	ND	ND	0.76	2.9	--	
07/03/98	32.00	16.80	--	15.20	-1.30	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.00	17.13	--	14.87	-0.33	ND	--	ND	ND	ND	ND	11	--	
07/15/99	32.00	15.85	--	16.15	1.28	ND	--	ND	ND	ND	ND	ND	--	
01/07/00	32.00	16.94	--	15.06	-1.09	ND	--	ND	ND	ND	ND	11	--	
07/19/00	32.00	18.06	--	13.94	-1.12	ND	--	ND	2.99	0.521	ND	ND	--	
01/02/01	32.00	18.12	--	13.88	-0.06	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.00	16.96	--	15.04	1.16	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.00	16.52	--	15.48	0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.7	--	
10/15/01	32.00	16.72	--	15.28	-0.20	ND<50	--	ND<0.50	0.65	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	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	--	
04/15/02	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	--	
07/15/02	32.00	15.60	--	16.40	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	11	--	
01/18/03	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	--	
02/04/04	32.00	15.65	0.00	16.35	-0.87	--	52	2.3	ND<0.50	ND<0.50	ND<1.0	--	2.4	
08/11/04	32.00	15.86	0.00	16.14	-0.21	--	350	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	310	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through August 2009
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														
03/31/05	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	
09/30/05	32.00	15.94	0.00	16.06	-2.21	--	1200	ND<0.50	0.50	ND<0.50	ND<1.0	--	6900	
03/27/06	32.00	13.13	0.00	18.87	2.81	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	820	
09/27/06	32.00	16.75	0.00	15.25	-3.62	--	520	ND<5.0	ND<5.0	ND<5.0	8.2	--	870	
03/27/07	32.00	16.87	0.00	15.13	-0.12	--	1400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3600	
09/28/07	32.00	17.91	0.00	14.09	-1.04	--	280	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	670	
03/26/08	32.00	17.45	0.00	14.55	0.46	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	210	
07/28/08	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	
01/26/09	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	
08/03/09	32.00	18.11	0.00	13.89	0.54	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	64	

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												
06/05/91	47	--	--	--	--	--	--	--	--	7.8	2.9	1.3
09/30/91	ND	--	--	--	--	--	--	--	--	--	--	--
12/30/91	ND	--	--	--	--	--	--	--	ND	6.4	2.1	0.9
04/02/92	94	--	--	--	--	--	--	--	ND	7.1	2.6	1.4
06/30/92	120	--	--	--	--	--	--	--	ND	9.5	2.2	1.3
09/15/92	ND	--	--	--	--	--	--	--	--	12	2.2	1.3
12/21/92	ND	--	--	--	--	--	--	--	--	12	1.4	0.83
04/28/93	470	--	--	--	1.1	--	--	--	--	12	0.89	0.85
07/23/93	ND	--	--	--	--	--	--	--	--	16	1.3	0.91
10/05/93	57	--	--	--	--	--	--	--	--	13	1.3	0.66
01/03/94	ND	--	--	--	--	--	--	--	--	18	1.4	0.93
04/02/94	ND	--	--	--	--	--	--	--	--	15	1.1	0.68
07/15/02	--	ND<5.0	ND<25	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	--	--
01/18/03	--	--		--	--	--	--	--	--	--	--	--
07/11/03	--	--	ND<25000	--	--	--	--	--	--	--	--	--
02/04/04	--	ND<10000	ND<50000	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<1000	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<2000	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/28/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/26/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
07/28/08	--	--	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												
01/26/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/03/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-2												
07/11/03	--	--	ND<500	--	--	--	--	--	--	--	--	--
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<50	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<50	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/28/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/26/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
07/28/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/26/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/03/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-3												
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<20000	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<20000	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<12000	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<12000	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<62000	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<6200	--	--	--	--	--	--	--	--	--
09/28/07	--	--	ND<25000	--	--	--	--	--	--	--	--	--

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												
03/26/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
07/28/08	--	--	ND<25000	--	--	--	--	--	--	--	--	--
01/26/09	--	--	ND<6200	--	--	--	--	--	--	--	--	--
08/03/09	--	--	ND<25000	--	--	--	--	--	--	--	--	--
MW-4												
01/03/94	--	--	--	--	--	--	--	--	--	9.0	1.0	ND
02/04/04	--	ND<2000	ND<10000	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<1300	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<5000	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<1200	--	--	--	--	--	--	--	--	--
09/28/07	--	--	ND<2500	--	--	--	--	--	--	--	--	--
03/26/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
07/28/08	--	--	ND<500	--	--	--	--	--	--	--	--	--
01/26/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/03/09	--	--	ND<2500	--	--	--	--	--	--	--	--	--
MW-5												
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<50	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<50	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/27/06	--	--	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-5 continued												
03/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/28/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/26/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
07/28/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/26/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/03/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-6												
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<5000	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<6200	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<1200	--	--	--	--	--	--	--	--	--
09/28/07	--	--	ND<2500	--	--	--	--	--	--	--	--	--
03/26/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
07/28/08	--	--	ND<500	--	--	--	--	--	--	--	--	--
01/26/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/03/09	--	--	ND<2500	--	--	--	--	--	--	--	--	--
MW-7												
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<5000	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/06	--	--	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 continued												
09/27/06	--	--	ND<6200	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<500	--	--	--	--	--	--	--	--	--
09/28/07	--	--	ND<5000	--	--	--	--	--	--	--	--	--
03/26/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
07/28/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/26/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/03/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-8												
01/03/94	--	--	--	--	--	--	--	--	--	1.5	1.2	ND
02/04/04	--	ND<100	ND<500	--	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<2000	--	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<2500	--	--	--	--	--	--	--	--	--
03/27/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/28/07	--	--	ND<1200	--	--	--	--	--	--	--	--	--
03/26/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
07/28/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/26/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/03/09	--	--	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												
12/30/91	ND	--	0.0078	--	0.0057	--	ND	0.046	--	--	--	--
04/02/92	ND	--	0.015	--	0.016	--	ND	0.02	--	--	--	--
06/30/92	ND	--	0.079	--	0.009	--	0.1	0.087	--	--	--	--
04/10/96	--	21	--	15	--	2.6	--	--	--	--	160	--
MW-2												
01/03/96	--	27	--	77	--	3.0	--	--	0.22	97	130	2.2
04/10/96	--	58	--	60	--	7.0	--	--	--	--	460	--
MW-3												
01/03/96	--	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		
04/10/96	3.04	--
07/09/96	3.13	--
01/24/97	2.56	--
07/23/97	2.81	2.26
01/26/98	--	3.97
07/03/98	--	3.58
MW-2		
01/03/96	1.80	--
04/10/96	5.88	--
07/09/96	0.71	--
01/24/97	2.37	--
07/23/97	0.97	1.40
01/26/98	--	4.12
07/03/98	--	3.99
MW-3		
01/03/96	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
	8/3/2009	**17.45**	**8.72**	**290**	**94**	**2.8**	**3.4**	**6.7**	**25**	**20**	**a**
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
	7/19/2005	15.60	11.93	90,000	3,700	14,000	2,600	10,000	ND<7,000	-	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	10/18/2005	16.08	11.45	77,000	3,300	14,000	2,400	11,000	7,900	6,400	a
(cont.)	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$^{Field\ \&\ Lab}$
	8/3/2009	**17.74**	**9.79**	**67,000**	**2,900**	**12,000**	**1,800**	**8,200**	**ND<3,500**	**1,900**	**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	-	
	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	-	

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	10/9/2003	14.13	12.66	-	-	-	-	-	-	-	
(cont.)	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	1
	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	1
	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	
	8/3/2009	**17.18**	**9.61**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**2,900**	**3,100**	
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
	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

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	5/10/2002	17.69	13.49	490	3.5	2.0	2.1	2.2	ND<5.0	-	a
(cont.)	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]
	8/3/2009	**18.23**	**9.97**	**2,300**	**370**	**39**	**37**	**89**	**1,700**	**1,600**	**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	-	
	8/27/1999	15.43	12.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	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	-	-	-	-	-	-	-	

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	8/9/2000	15.68	12.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
(cont.)	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	
	8/3/2009	**16.23**	**8.84**	**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	-	
	12/10/1997	16.56	12.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	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	-	

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	2/4/1999	18.25	10.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
(cont.)	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	
	8/3/2009	**17.24**	**8.89**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<5.0**	**ND<0.5**	
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

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	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
(cont.)	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	-	-	-	-	-	-	-	
	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	
	8/3/2009	**17.17**	**9.53**	**ND<50**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<0.5**	**ND<5.0**	**0.87**	

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*
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	-	

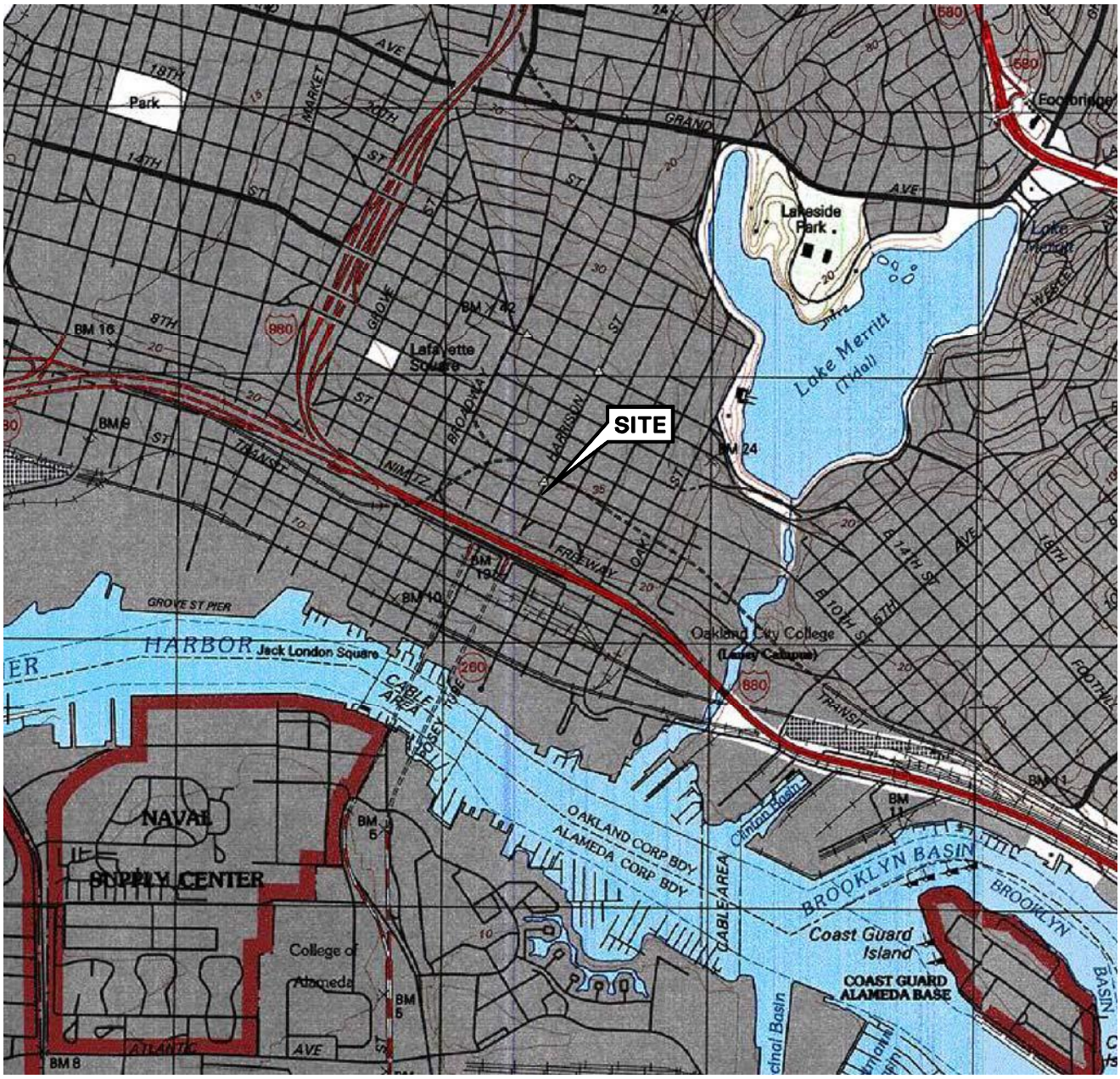
Abbreviations and Analyses:

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"

FIGURES



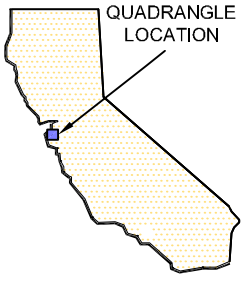
N

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

FACILITY:

76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\0752vm.dwg Aug 12, 2009 - 9:01am aakers

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

14.00 — Groundwater Elevation Contour

General Direction of Groundwater Flow

N

HARRISON STREET

7TH STREET

8TH STREET

FORMER UNOCAL STATION

FORMER ARCO STATION BUILDING
706 HARRISON STREET

FORMER SHELL SERVICE STATION
726 HARRISON STREET

FORMER USTs

FORMER DISPENSER ISLANDS

FORMER WASTE OIL TANK

DISPENSER ISLANDS

DISPENSER ISLAND

USTs

STATION BUILDING

MW-6 8.89

MW-7 9.53

MW-5 8.84

VW-1 NA

VW-2 NA

VW/SP-5 NA

VW/SP-4 NA

VW/SP-3 NA

MW-1 8.72

MW-2 9.79

MW-4 9.97

MW-3 9.61

MW-7 13.91

MW-8 13.89

MW-5 14.33

MW-6 14.15

MW-3 14.24

MW-2 14.80

MW-4 14.28

MW-1 14.59

10.00

12.00

14.00

SCALE (FEET)

0 30

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.

PROJECT:	165521
FACILITY:	76 STATION 0752 800 HARRISON STREET OAKLAND, CALIFORNIA
GROUNDWATER ELEVATION CONTOUR MAP August 3, 2009	
TRC	**FIGURE 2**

MS=1:1 0752-003 L:\Graphics\QMS NORTH-SOUTH\x-0000\0752+\0752qms11x17(NEW).dwg Sep 30, 2009 - 8:01am aakers

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)

N

HARRISON STREET

7TH STREET

8TH STREET

FORMER UNOCAL STATION

MW-6 ND<50

MW-7 ND<50

MW-5 ND<50

FORMER USTs

FORMER DISPENSER ISLANDS

FORMER ARCO STATION BUILDING 706 HARRISON STREET

FORMER WASTE OIL TANK

FORMER SHELL SERVICE STATION 726 HARRISON STREET

VW-1 NA

VW-2 NA

VW/SP-5 NA

VW/SP-4 NA

VW/SP-3 NA

MW-1 290

MW-2 67000

MW-3 ND<50

MW-4 2300

MW-7 2100

MW-8 67

MW-5 1500

MW-6 800

MW-3 9300

MW-4 640

MW-1 76

MW-2 ND<50

DISPENSER ISLANDS

DISPENSER ISLAND

USTs

STATION BUILDING

? 100 1,000 10,000

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: 165521

FACILITY:

76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
August 3, 2009

TRC

FIGURE 3

MS=1:1 0752-003 L:\Graphics\QMS NORTH-SOUTH\x-0000 0752+\0752qms11x17(NEW).dwg Sep 30, 2009 - 8:01am aakers

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

FORMER UNOCAL STATION

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 94

MW-2 2900

MW-4 370

MW-3 ND<0.5

FORMER DISPENSER ISLANDS

FORMER USTs

FORMER ARCO STATION BUILDING 706 HARRISON STREET

FORMER SHELL SERVICE STATION 726 HARRISON STREET

FORMER WASTE OIL TANK

1,000

100

10

1.0

?

MW-7 220

MW-8 ND<0.50

MW-5 17

MW-6 ND<5.0

MW-3 56

MW-4 ND<5.0

MW-1 ND<0.50

MW-2 ND<0.50

DISPENSER ISLANDS

DISPENSER ISLAND

USTs

STATION BUILDING

SCALE (FEET)

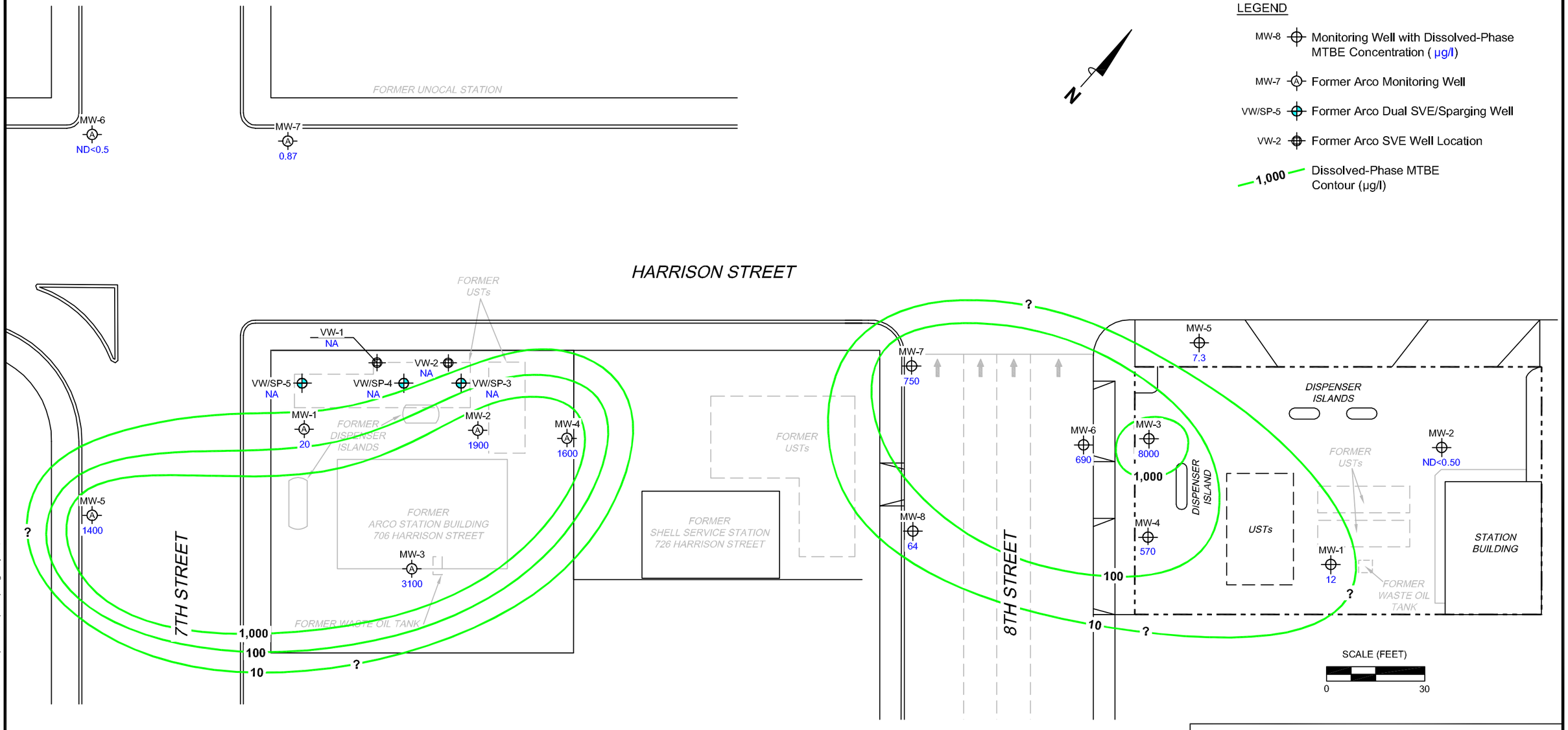
0 30

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:	165521
FACILITY:	76 STATION 0752 800 HARRISON STREET OAKLAND, CALIFORNIA
DISSOLVED-PHASE BENZENE CONCENTRATION MAP August 3, 2009	
TRC	**FIGURE 4**

MS=1:1 0752-003 L:\Graphics\QMS NORTH-SOUTH\x-0000\0752+\0752qms11x17(NEW).dwg Sep 30, 2009 - 8:01am aakers



NOTES:

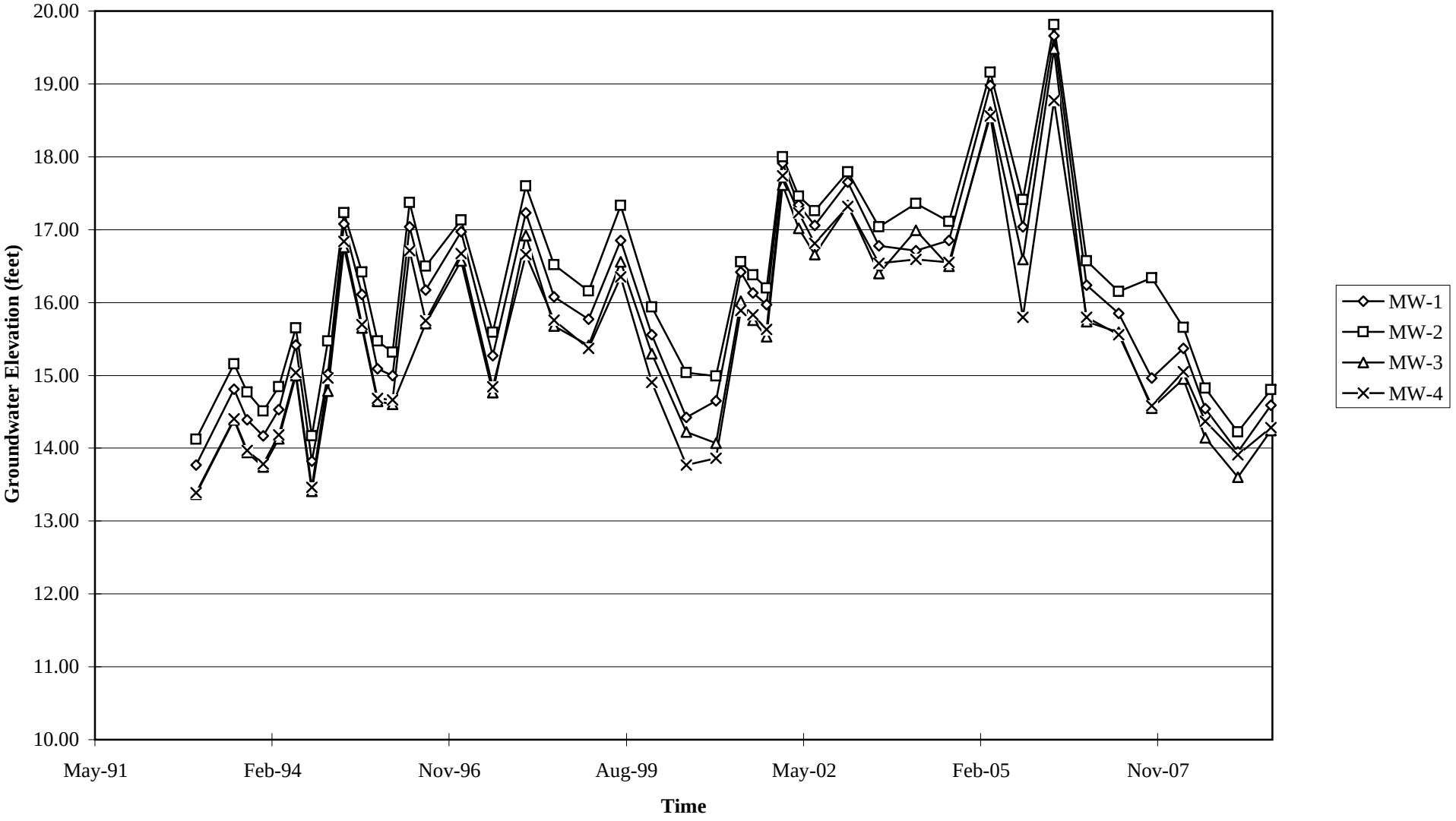
Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank.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

PROJECT:	165521
FACILITY:	76 STATION 0752 800 HARRISON STREET OAKLAND, CALIFORNIA
DISSOLVED-PHASE MTBE CONCENTRATION MAP August 3, 2009	
TRC	**FIGURE 5**

MS=1:1 0752-003 L:\Graphics\QMS NORTH-SOUTH\x-0000\0752+\0752qms11x17(NEW).dwg Sep 30, 2009 - 8:01am aakers

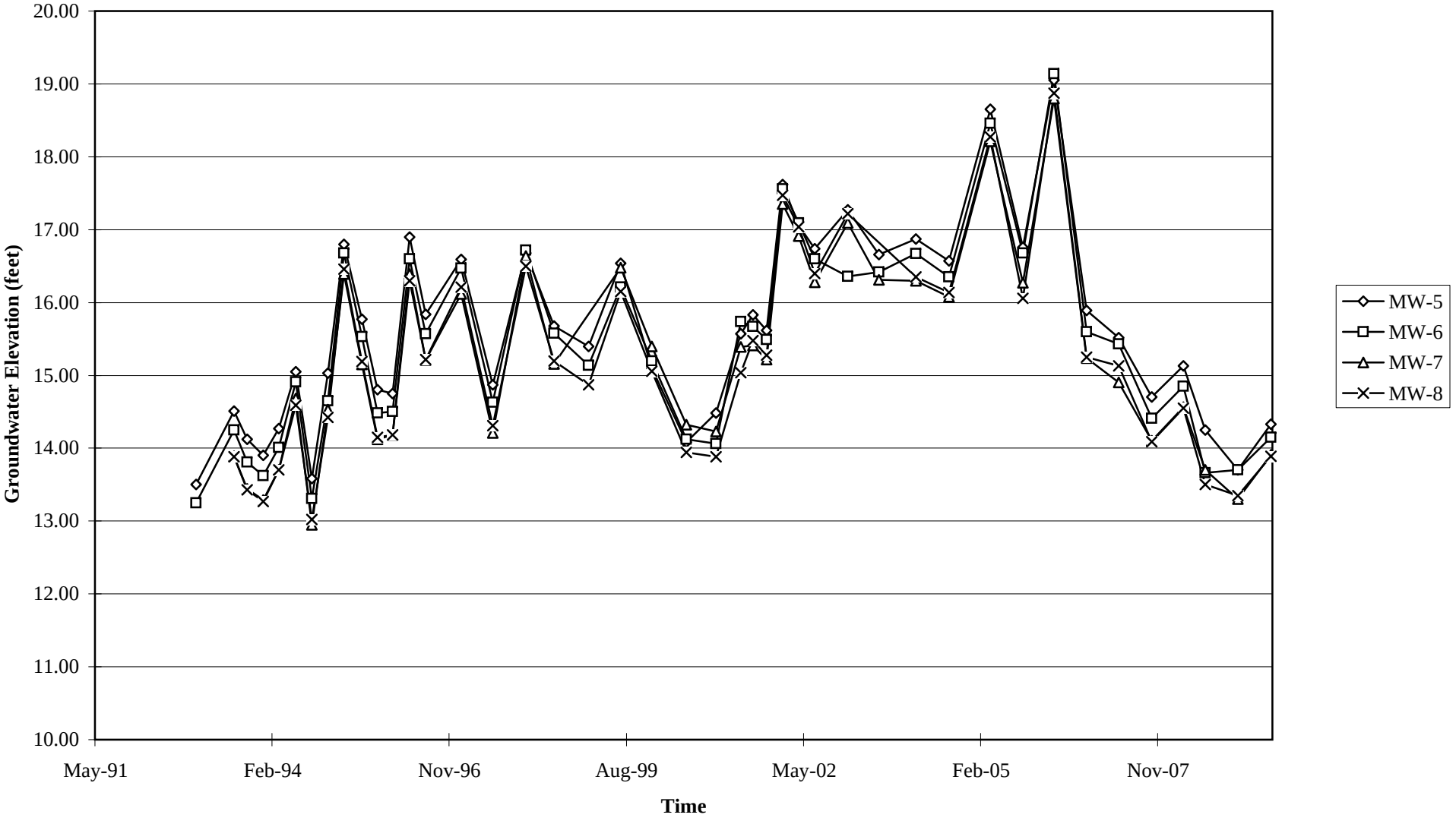
GRAPHS

Groundwater Elevations vs. Time
76 Station 0752



Elevations may have been corrected for apparent changes due to resurvey

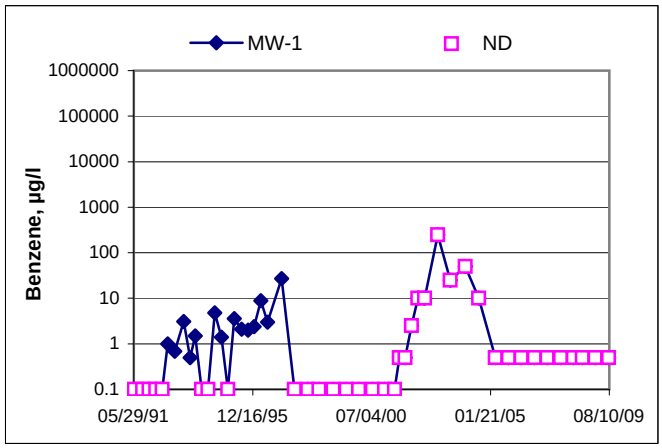
Groundwater Elevations vs. Time
76 Station 0752

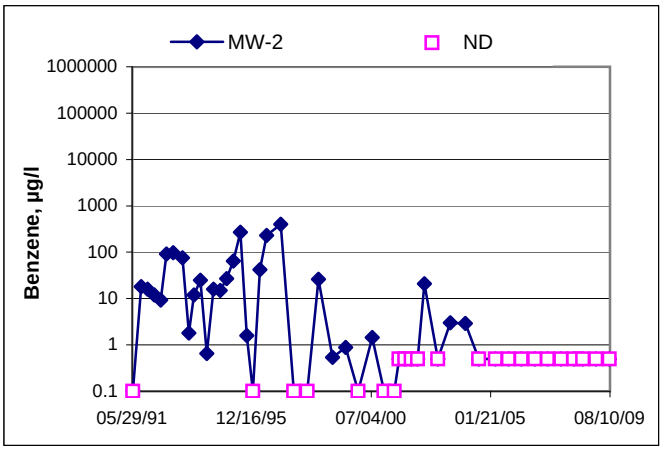


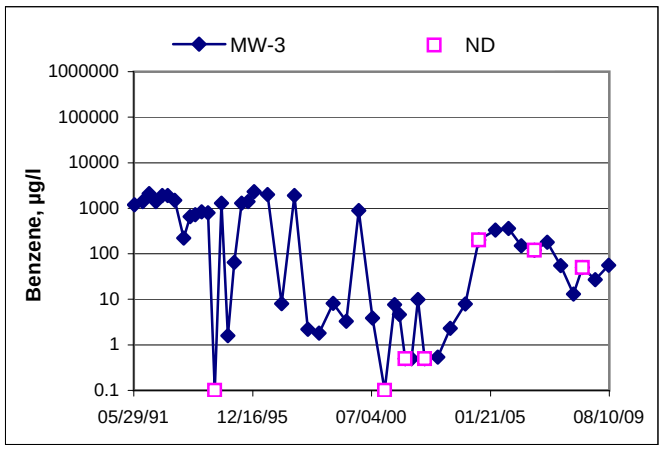
Elevations may have been corrected for apparent changes due to resurvey

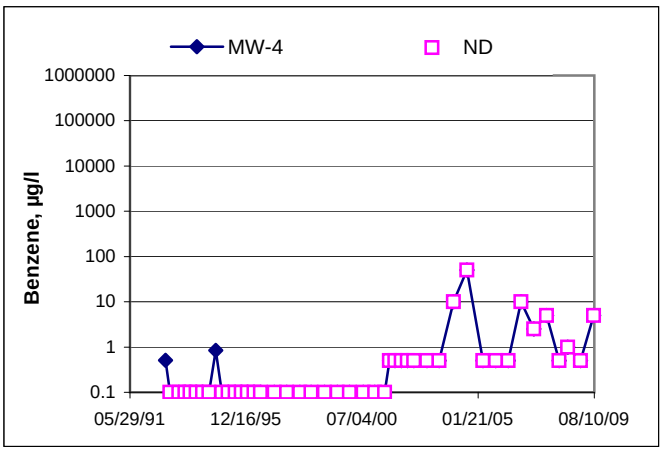
Benzene Concentrations vs Time

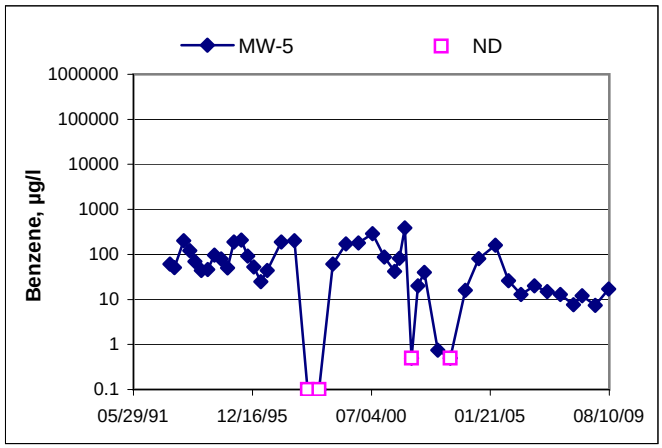
76 Station 0752

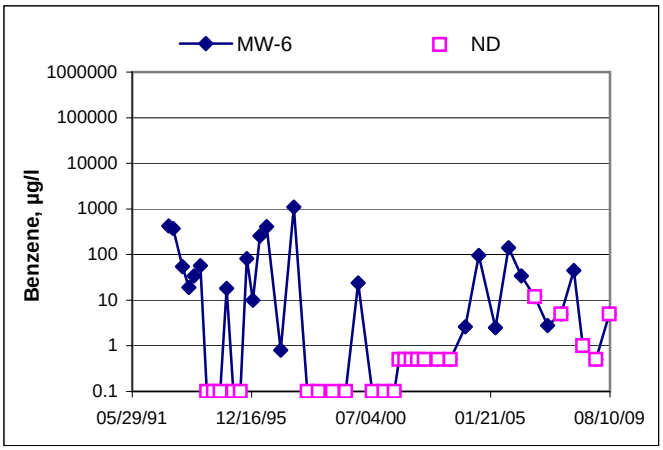


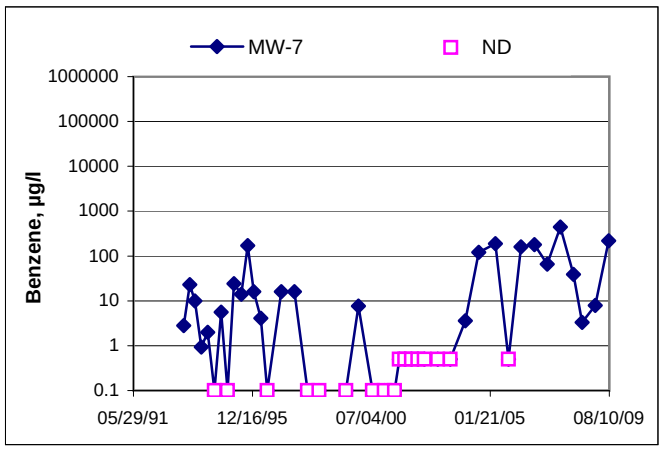


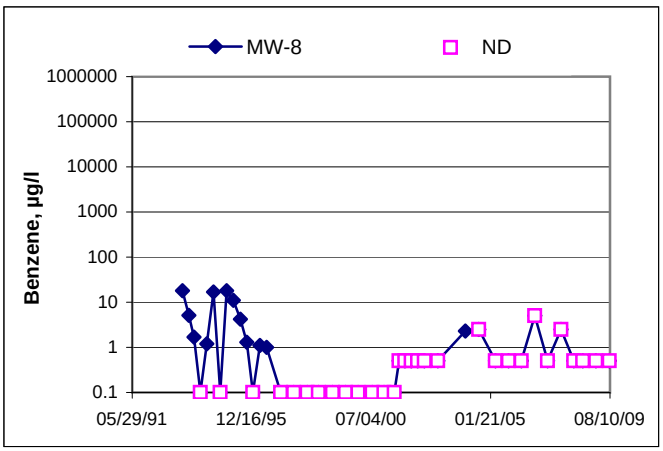












GENERAL FIELD PROCEDURES

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 #: 165521/FA20 Date: 08-03-09

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
LC	MW-2	X	0529	30.83	19.92	—	—	0848	2"
L	MW-1	X	0534	33.61	20.10	—	—	0916	2"
L	MW-8	X	0542	28.56	18.11	—	—	0945	2"
LC	MW-6	X	0549	30.94	18.01	—	—	1039	2"
LC	MW-4	X	0556	32.30	18.43	—	—	1108	2"
L	MW-5	X	0604	31.75	18.62	—	—	1130	2"
L	MW-7	X	0609	31.72	18.29	—	—	1008	2"
L	MW-3	X	0615	30.58	18.90	—	—	1150	2"

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

MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL ✓

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: ~~545521~~ JOE

Site: 0752 Project No.: 165521 Date: 08-03-09

Well No. MW-2 Purge Method: SUB

Depth to Water (feet): 19.92 Depth to Product (feet): —

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

Water Column (feet): 10.91 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 22.10 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									
0841			2	382.6	19.4	7.96			
			4	345.7	19.5	7.40			
	0844		6	311.5	19.5	7.18			

Static at Time Sampled	Total Gallons Purged	Sample Time
20.29	6	0848

Comments:

Well No. MW-1 Purge Method: SUB

Depth to Water (feet): 20.10 Depth to Product (feet): —

Total Depth (feet) 33.61 LPH & Water Recovered (gallons): —

Water Column (feet): 13.51 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 22.80 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									
0907			3	169.4	19.3	7.70			
			6	173.7	19.5	7.29			
	0911		9	180.8	19.6	7.13			

Static at Time Sampled	Total Gallons Purged	Sample Time
20.57	9	0916

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0752 Project No.: 165521 Date: 08-03-09

Well No. MW-8 Purge Method: SUB

Depth to Water (feet): 18.11 Depth to Product (feet): —

Total Depth (feet) 28.56 LPH & Water Recovered (gallons): —

Water Column (feet): 10.45 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.20 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									
0935			2	452.1	20.2	7.06			
			4	433.4	20.4	6.76			
	0939		6	433.2	20.4	6.65			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.26	6	0945

Comments:

Well No. MW-6 Purge Method: SUB

Depth to Water (feet): 18.01 Depth to Product (feet): —

Total Depth (feet) 30.94 LPH & Water Recovered (gallons): —

Water Column (feet): 12.93 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.59 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									
1030			3	247.0	20.6	7.35			
			6	242.8	20.6	7.12			
	1034		9	242.9	20.6	7.02			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.30	9	1039

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0752 Project No.: 165521 Date: 08-03-09

Well No. MW-4 Purge Method: SUB

Depth to Water (feet): 18.43 Depth to Product (feet): —

Total Depth (feet) 32.30 LPH & Water Recovered (gallons): —

Water Column (feet): 13.87 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 21.20 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									
1059			3	292.4	19.9	7.29			
			6	284.7	20.0	7.01			
	1104		9	281.6	20.0	6.91			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.00	9	1108

Comments:

Well No. MW-5 Purge Method: SUB

Depth to Water (feet): 18.62 Depth to Product (feet): —

Total Depth (feet) 31.75 LPH & Water Recovered (gallons): —

Water Column (feet): 13.13 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 21.24 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									
1121			3	330.1	20.4	7.18			
			6	310.8	20.5	6.92			
	1125		9	297.4	20.4	6.88			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.34	9	1130

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 0752 Project No.: 165521 Date: 08-03-09

Well No. MW-7 Purge Method: HB

Depth to Water (feet): 18.29 Depth to Product (feet): —

Total Depth (feet) 31.72 LPH & Water Recovered (gallons): —

Water Column (feet): 13.43 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 20.97 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									
0954			3	396.6	20.2	7.24			
			6	352.0	20.2	7.06			
	1006		9	365.3	20.1	6.85			

Static at Time Sampled	Total Gallons Purged	Sample Time
18.50	9	1008

Comments:

Well No. MW-3 Purge Method: SUB

Depth to Water (feet): 18.90 Depth to Product (feet): —

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

Water Column (feet): 11.68 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 21.23 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									
1140			2	554.2	20.6	6.87			
			4	537.0	20.5	6.63			
	1143		6	515.9	20.5	6.59			

Static at Time Sampled	Total Gallons Purged	Sample Time
19.20	6	1150

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 08/10/2009

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 0752
BC Work Order: 0910026
Invoice ID: B066210

Enclosed are the results of analyses for samples received by the laboratory on 8/3/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC
21 Technology Drive
Irvine, CA 92618

Project: 0752
Project Number: 4511010882
Project Manager: Anju Farfan

Reported: 08/10/2009 10:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0910026-01	**COC Number:**	---	**Receive Date:**	08/03/2009 21:20	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	08/03/2009 08:48	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:
0910026-02	**COC Number:**	---	**Receive Date:**	08/03/2009 21:20	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	08/03/2009 09:16	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:
0910026-03	**COC Number:**	---	**Receive Date:**	08/03/2009 21:20	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	08/03/2009 09:45	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:
0910026-04	**COC Number:**	---	**Receive Date:**	08/03/2009 21:20	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	08/03/2009 10:39	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:

TRC	Project: 0752	**Reported:** 08/10/2009 10:27
21 Technology Drive	Project Number: 4511010882	
Irvine, CA 92618	Project Manager: Anju Farfan	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0910026-05	**COC Number:**	---	**Receive Date:**	08/03/2009 21:20	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	08/03/2009 11:08	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:
0910026-06	**COC Number:**	---	**Receive Date:**	08/03/2009 21:20	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	08/03/2009 11:30	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:
0910026-07	**COC Number:**	---	**Receive Date:**	08/03/2009 21:20	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	08/03/2009 10:08	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:
0910026-08	**COC Number:**	---	**Receive Date:**	08/03/2009 21:20	Delivery Work Order:
	Project Number:	0752	**Sampling Date:**	08/03/2009 11:50	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:

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Project: 0752
Project Number: 4511010882
Project Manager: Anju Farfan

Reported: 08/10/2009 10:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0910026-01 | **Client Sample Name:** 0752, MW-2, 8/3/2009 8:48:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286	ND	
Toluene	ND	ug/L	0.50		EPA-8260	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286		
Toluene-d8 (Surrogate)	93.6	%	88 - 110 (LCL - UCL)		EPA-8260	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286		
4-Bromofluorobenzene (Surrogate)	97.0	%	86 - 115 (LCL - UCL)		EPA-8260	08/06/09	08/06/09 21:45	KEA	MS-V12	1	BSH0286		

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Reported: 08/10/2009 10:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0910026-02 | **Client Sample Name:** 0752, MW-1, 8/3/2009 9:16:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	08/05/09	08/05/09 23:23	KEA	MS-V12	1	BSH0176	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/05/09	08/05/09 23:23	KEA	MS-V12	1	BSH0176	ND	
Methyl t-butyl ether	**12**	**ug/L**	**0.50**		**EPA-8260**	**08/05/09**	**08/05/09 23:23**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	08/05/09	08/05/09 23:23	KEA	MS-V12	1	BSH0176	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/05/09	08/05/09 23:23	KEA	MS-V12	1	BSH0176	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/05/09	08/05/09 23:23	KEA	MS-V12	1	BSH0176	ND	
Total Purgeable Petroleum Hydrocarbons	**76**	**ug/L**	**50**		**Luft-GC/MS**	**08/05/09**	**08/05/09 23:23**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	100	%	76 - 114 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 23:23	KEA	MS-V12	1	BSH0176		
Toluene-d8 (Surrogate)	94.1	%	88 - 110 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 23:23	KEA	MS-V12	1	BSH0176		
4-Bromofluorobenzene (Surrogate)	99.3	%	86 - 115 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 23:23	KEA	MS-V12	1	BSH0176		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0910026-03 | **Client Sample Name:** 0752, MW-8, 8/3/2009 9:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	08/05/09	08/05/09 23:05	KEA	MS-V12	1	BSH0176	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/05/09	08/05/09 23:05	KEA	MS-V12	1	BSH0176	ND	
Methyl t-butyl ether	**64**	**ug/L**	**0.50**		**EPA-8260**	**08/05/09**	**08/05/09 23:05**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	08/05/09	08/05/09 23:05	KEA	MS-V12	1	BSH0176	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/05/09	08/05/09 23:05	KEA	MS-V12	1	BSH0176	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/05/09	08/05/09 23:05	KEA	MS-V12	1	BSH0176	ND	
Total Purgeable Petroleum Hydrocarbons	**67**	**ug/L**	**50**		**Luft-GC/MS**	**08/05/09**	**08/05/09 23:05**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	93.9	%	76 - 114 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 23:05	KEA	MS-V12	1	BSH0176		
Toluene-d8 (Surrogate)	94.8	%	88 - 110 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 23:05	KEA	MS-V12	1	BSH0176		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 23:05	KEA	MS-V12	1	BSH0176		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0910026-04 | **Client Sample Name:** 0752, MW-6, 8/3/2009 10:39:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	5.0		EPA-8260	08/05/09	08/05/09 22:29	KEA	MS-V12	10	BSH0176	ND	A01
Ethylbenzene	ND	ug/L	5.0		EPA-8260	08/05/09	08/05/09 22:29	KEA	MS-V12	10	BSH0176	ND	A01
Methyl t-butyl ether	**690**	**ug/L**	**5.0**		**EPA-8260**	**08/05/09**	**08/05/09 22:29**	**KEA**	**MS-V12**	**10**	**BSH0176**	**ND**	**A01**
Toluene	ND	ug/L	5.0		EPA-8260	08/05/09	08/05/09 22:29	KEA	MS-V12	10	BSH0176	ND	A01
Total Xylenes	ND	ug/L	10		EPA-8260	08/05/09	08/05/09 22:29	KEA	MS-V12	10	BSH0176	ND	A01
Ethanol	ND	ug/L	2500		EPA-8260	08/05/09	08/05/09 22:29	KEA	MS-V12	10	BSH0176	ND	A01
Total Purgeable Petroleum Hydrocarbons	**800**	**ug/L**	**500**		**Luft-GC/MS**	**08/05/09**	**08/05/09 22:29**	**KEA**	**MS-V12**	**10**	**BSH0176**	**ND**	**A01**
1,2-Dichloroethane-d4 (Surrogate)	98.7	%	76 - 114 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 22:29	KEA	MS-V12	10	BSH0176		
Toluene-d8 (Surrogate)	99.2	%	88 - 110 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 22:29	KEA	MS-V12	10	BSH0176		
4-Bromofluorobenzene (Surrogate)	99.9	%	86 - 115 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 22:29	KEA	MS-V12	10	BSH0176		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0910026-05 | **Client Sample Name:** 0752, MW-4, 8/3/2009 11:08:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	5.0		EPA-8260	08/06/09	08/06/09 19:56	KEA	MS-V12	10	BSH0286	ND	A01
Ethylbenzene	ND	ug/L	5.0		EPA-8260	08/06/09	08/06/09 19:56	KEA	MS-V12	10	BSH0286	ND	A01
Methyl t-butyl ether	**570**	**ug/L**	**5.0**		**EPA-8260**	**08/06/09**	**08/06/09 19:56**	**KEA**	**MS-V12**	**10**	**BSH0286**	**ND**	**A01**
Toluene	**6.6**	**ug/L**	**5.0**		**EPA-8260**	**08/06/09**	**08/06/09 19:56**	**KEA**	**MS-V12**	**10**	**BSH0286**	**ND**	**A01**
Total Xylenes	ND	ug/L	10		EPA-8260	08/06/09	08/06/09 19:56	KEA	MS-V12	10	BSH0286	ND	A01
Ethanol	ND	ug/L	2500		EPA-8260	08/06/09	08/06/09 19:56	KEA	MS-V12	10	BSH0286	ND	A01
Total Purgeable Petroleum Hydrocarbons	**640**	**ug/L**	**500**		**Luft-GC/MS**	**08/06/09**	**08/06/09 19:56**	**KEA**	**MS-V12**	**10**	**BSH0286**	**ND**	**A01**
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	08/06/09	08/06/09 19:56	KEA	MS-V12	10	BSH0286		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	08/06/09	08/06/09 19:56	KEA	MS-V12	10	BSH0286		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	08/06/09	08/06/09 19:56	KEA	MS-V12	10	BSH0286		

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Reported: 08/10/2009 10:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0910026-06 | **Client Sample Name:** 0752, MW-5, 8/3/2009 11:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**17**	**ug/L**	**0.50**		**EPA-8260**	**08/05/09**	**08/05/09 22:47**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Ethylbenzene	**3.5**	**ug/L**	**0.50**		**EPA-8260**	**08/05/09**	**08/05/09 22:47**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Methyl t-butyl ether	**7.3**	**ug/L**	**0.50**		**EPA-8260**	**08/05/09**	**08/05/09 22:47**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Toluene	**9.0**	**ug/L**	**0.50**		**EPA-8260**	**08/05/09**	**08/05/09 22:47**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Total Xylenes	**22**	**ug/L**	**1.0**		**EPA-8260**	**08/05/09**	**08/05/09 22:47**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Ethanol	ND	ug/L	250		EPA-8260	08/05/09	08/05/09 22:47	KEA	MS-V12	1	BSH0176	ND	
Total Purgeable Petroleum Hydrocarbons	**1500**	**ug/L**	**100**		**Luft-GC/MS**	**08/05/09**	**08/06/09 19:01**	**KEA**	**MS-V12**	**2**	**BSH0176**	**ND**	**A01**
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 22:47	KEA	MS-V12	1	BSH0176		
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	08/05/09	08/06/09 19:01	KEA	MS-V12	2	BSH0176		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 22:47	KEA	MS-V12	1	BSH0176		
Toluene-d8 (Surrogate)	91.5	%	88 - 110 (LCL - UCL)		EPA-8260	08/05/09	08/06/09 19:01	KEA	MS-V12	2	BSH0176		
4-Bromofluorobenzene (Surrogate)	99.6	%	86 - 115 (LCL - UCL)		EPA-8260	08/05/09	08/06/09 19:01	KEA	MS-V12	2	BSH0176		
4-Bromofluorobenzene (Surrogate)	108	%	86 - 115 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 22:47	KEA	MS-V12	1	BSH0176		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0910026-07 | **Client Sample Name:** 0752, MW-7, 8/3/2009 10:08:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**220**	**ug/L**	**10**		**EPA-8260**	**08/05/09**	**08/06/09 19:19**	**KEA**	**MS-V12**	**20**	**BSH0176**	**ND**	**A01**
Ethylbenzene	**10**	**ug/L**	**0.50**		**EPA-8260**	**08/05/09**	**08/05/09 20:04**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Methyl t-butyl ether	**750**	**ug/L**	**10**		**EPA-8260**	**08/05/09**	**08/06/09 19:19**	**KEA**	**MS-V12**	**20**	**BSH0176**	**ND**	**A01**
Toluene	**14**	**ug/L**	**0.50**		**EPA-8260**	**08/05/09**	**08/05/09 20:04**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Total Xylenes	**31**	**ug/L**	**1.0**		**EPA-8260**	**08/05/09**	**08/05/09 20:04**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
Ethanol	ND	ug/L	250		EPA-8260	08/05/09	08/05/09 20:04	KEA	MS-V12	1	BSH0176	ND	
Total Purgeable Petroleum Hydrocarbons	**2100**	**ug/L**	**50**		**Luft-GC/MS**	**08/05/09**	**08/05/09 20:04**	**KEA**	**MS-V12**	**1**	**BSH0176**	**ND**	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	08/05/09	08/06/09 19:19	KEA	MS-V12	20	BSH0176		
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 20:04	KEA	MS-V12	1	BSH0176		
Toluene-d8 (Surrogate)	96.6	%	88 - 110 (LCL - UCL)		EPA-8260	08/05/09	08/06/09 19:19	KEA	MS-V12	20	BSH0176		
Toluene-d8 (Surrogate)	98.2	%	88 - 110 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 20:04	KEA	MS-V12	1	BSH0176		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	08/05/09	08/05/09 20:04	KEA	MS-V12	1	BSH0176		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	08/05/09	08/06/09 19:19	KEA	MS-V12	20	BSH0176		

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Reported: 08/10/2009 10:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0910026-08 | **Client Sample Name:** 0752, MW-3, 8/3/2009 11:50:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	**56**	**ug/L**	**50**		**EPA-8260**	**08/06/09**	**08/06/09 19:37**	**KEA**	**MS-V12**	**100**	**BSH0286**	**ND**	**A01**
Ethylbenzene	ND	ug/L	50		EPA-8260	08/06/09	08/06/09 19:37	KEA	MS-V12	100	BSH0286	ND	A01
Methyl t-butyl ether	**8000**	**ug/L**	**50**		**EPA-8260**	**08/06/09**	**08/06/09 19:37**	**KEA**	**MS-V12**	**100**	**BSH0286**	**ND**	**A01**
Toluene	ND	ug/L	50		EPA-8260	08/06/09	08/06/09 19:37	KEA	MS-V12	100	BSH0286	ND	A01
Total Xylenes	ND	ug/L	100		EPA-8260	08/06/09	08/06/09 19:37	KEA	MS-V12	100	BSH0286	ND	A01
Ethanol	ND	ug/L	25000		EPA-8260	08/06/09	08/06/09 19:37	KEA	MS-V12	100	BSH0286	ND	A01
Total Purgeable Petroleum Hydrocarbons	**9300**	**ug/L**	**5000**		**Luft-GC/MS**	**08/06/09**	**08/06/09 19:37**	**KEA**	**MS-V12**	**100**	**BSH0286**	**ND**	**A01**
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	08/06/09	08/06/09 19:37	KEA	MS-V12	100	BSH0286		
Toluene-d8 (Surrogate)	99.3	%	88 - 110 (LCL - UCL)		EPA-8260	08/06/09	08/06/09 19:37	KEA	MS-V12	100	BSH0286		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	08/06/09	08/06/09 19:37	KEA	MS-V12	100	BSH0286		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BSH0176	Matrix Spike	0909743-21	0	25.470	25.000	ug/L		102		70 - 130	
		Matrix Spike Duplicate	0909743-21	0	23.320	25.000	ug/L	8.9	93.3	20	70 - 130	
Toluene	BSH0176	Matrix Spike	0909743-21	0	24.760	25.000	ug/L		99.0		70 - 130	
		Matrix Spike Duplicate	0909743-21	0	23.170	25.000	ug/L	6.6	92.7	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSH0176	Matrix Spike	0909743-21	ND	10.210	10.000	ug/L		102		76 - 114	
		Matrix Spike Duplicate	0909743-21	ND	10.230	10.000	ug/L		102		76 - 114	
Toluene-d8 (Surrogate)	BSH0176	Matrix Spike	0909743-21	ND	10.030	10.000	ug/L		100		88 - 110	
		Matrix Spike Duplicate	0909743-21	ND	9.8400	10.000	ug/L		98.4		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSH0176	Matrix Spike	0909743-21	ND	10.170	10.000	ug/L		102		86 - 115	
		Matrix Spike Duplicate	0909743-21	ND	9.5900	10.000	ug/L		95.9		86 - 115	
Benzene	BSH0286	Matrix Spike	0909743-34	0	19.460	25.000	ug/L		77.8		70 - 130	
		Matrix Spike Duplicate	0909743-34	0	22.520	25.000	ug/L	14.7	90.1	20	70 - 130	
Toluene	BSH0286	Matrix Spike	0909743-34	0	18.980	25.000	ug/L		75.9		70 - 130	
		Matrix Spike Duplicate	0909743-34	0	21.610	25.000	ug/L	12.9	86.4	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSH0286	Matrix Spike	0909743-34	ND	9.7700	10.000	ug/L		97.7		76 - 114	
		Matrix Spike Duplicate	0909743-34	ND	10.340	10.000	ug/L		103		76 - 114	
Toluene-d8 (Surrogate)	BSH0286	Matrix Spike	0909743-34	ND	9.9200	10.000	ug/L		99.2		88 - 110	
		Matrix Spike Duplicate	0909743-34	ND	9.7600	10.000	ug/L		97.6		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSH0286	Matrix Spike	0909743-34	ND	10.270	10.000	ug/L		103		86 - 115	
		Matrix Spike Duplicate	0909743-34	ND	10.130	10.000	ug/L		101		86 - 115	

TRC
21 Technology Drive
Irvine, CA 92618

Project: 0752
Project Number: 4511010882
Project Manager: Anju Farfan

Reported: 08/10/2009 10:27

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	BSH0176	BSH0176-BS1	LCS	20.490	25.000	0.50	ug/L	82.0		70 - 130		
Toluene	BSH0176	BSH0176-BS1	LCS	20.110	25.000	0.50	ug/L	80.4		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSH0176	BSH0176-BS1	LCS	10.210	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BSH0176	BSH0176-BS1	LCS	9.6300	10.000		ug/L	96.3		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSH0176	BSH0176-BS1	LCS	10.000	10.000		ug/L	100		86 - 115		
Benzene	BSH0286	BSH0286-BS1	LCS	25.470	25.000	0.50	ug/L	102		70 - 130		
Toluene	BSH0286	BSH0286-BS1	LCS	25.070	25.000	0.50	ug/L	100		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSH0286	BSH0286-BS1	LCS	10.160	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BSH0286	BSH0286-BS1	LCS	9.9400	10.000		ug/L	99.4		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSH0286	BSH0286-BS1	LCS	9.9700	10.000		ug/L	99.7		86 - 115		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 0752
Project Number: 4511010882
Project Manager: Anju Farfan

Reported: 08/10/2009 10:27

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	BSH0176	BSH0176-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSH0176	BSH0176-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSH0176	BSH0176-BLK1	ND	ug/L	0.50		
Toluene	BSH0176	BSH0176-BLK1	ND	ug/L	0.50		
Total Xylenes	BSH0176	BSH0176-BLK1	ND	ug/L	1.0		
Ethanol	BSH0176	BSH0176-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BSH0176	BSH0176-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSH0176	BSH0176-BLK1	101	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSH0176	BSH0176-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSH0176	BSH0176-BLK1	96.2	%	86 - 115 (LCL - UCL)		
Benzene	BSH0286	BSH0286-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSH0286	BSH0286-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSH0286	BSH0286-BLK1	ND	ug/L	0.50		
Toluene	BSH0286	BSH0286-BLK1	ND	ug/L	0.50		
Total Xylenes	BSH0286	BSH0286-BLK1	ND	ug/L	1.0		
Ethanol	BSH0286	BSH0286-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BSH0286	BSH0286-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSH0286	BSH0286-BLK1	102	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSH0286	BSH0286-BLK1	98.9	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSH0286	BSH0286-BLK1	99.6	%	86 - 115 (LCL - UCL)		

TRC	Project: 0752	**Reported:** 08/10/2009 10:27
21 Technology Drive	Project Number: 4511010882	
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.
A90	TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.

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

Submission #: 09-10026

SHIPPING INFORMATION	SHIPPING CONTAINER
Federal Express ☐ UPS ☐ Hand Delivery ☐ BC Lab Field Service ☑ Other ☐ (Specify)______	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: BACT Thermometer ID: TH103 Date/Time 8/3/09 2135

Temperature: A 4.6 °C / C 4.5 °C Analyst Init JNW

SAMPLE CONTAINERS	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										

CHK BY: SURM2 DISTRIBUTION: JKR SUB-OUT ☐

Comments:______

Sample Numbering Completed By: JNW Date/Time: 8/3/09 2326

A = Actual / C = Corrected

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

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

09-10026

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 # 01086-45110108 82	
State: CA **Zip:**	**Project #:** 165521	
Conoco Phillips Mgr: Shelby LaThrop	**Sampler Name:** JOE	

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/~~OXYS~~ BY 8260B	ETHANOL by 8260B	TPH –G by GC/MS				Turnaround Time Requested
	-1	MW-2	08-03-09 0848	GW					X	X	X				STD
	-2	MW-1	0916												
	-3	MW-8	0945												
	-4	MW-6	1039												
	-5	MW-4	1108												
	-6	MW-5	1130												
	-7	MW-7	1008												
	-8	MW-3	1150												

Comments:

GLOBAL ID: T0600101486

Relinquished by: (Signature) D. Lewis	Received by: Ross Dickey	Date & Time 08-03-09 1442
Relinquished by: (Signature) Ross Dickey 8/3/09	Received by: R. Ruiz	Date & Time 8-3-09 1820
Relinquished by: (Signature) R. Ruiz 8-3-09 2110	Received by:	Date & Time 8/3/09 2120

Receipt of Manifest
is Pending

(September 28, 2009)

DISPOSAL STATEMENT

Non-hazardous groundwater removed from monitoring wells at sites sampled by TRC during the 3rd Quarter of 2009 was accumulated at TRC's Concord field facility for later disposal. After a sufficient volume was collected, the water was shipped by licensed carrier to the Crosby and Overton disposal facility in Long Beach, California, under a bulk non-hazardous material manifest. This shipment included approximately 65 gallons of purge and process water collected from:

76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

Dennis E. Jensen, P.G. 3531
TRC Groundwater Monitoring Group
Irvine CA

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 3

ASE'S THIRD QUARTER 2009 DATA

Quarterly Status Summary Report – Third Quarter 2009
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

October 12, 2009

GROUNDWATER SAMPLING DATA REPORT
AUGUST 2009 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

California Regional Water
Quality Control Board (RWQCB)
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612
Contact: Ms. Betty Graham
(510) 622-2433

The following is a report detailing the August 2009 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. The full report will be written by Stantec Consulting Corporation and this report only provided a description of the sampling and data collected at the Yee property.

2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On August 3, 2009, 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 August 3, 2009, 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 is 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

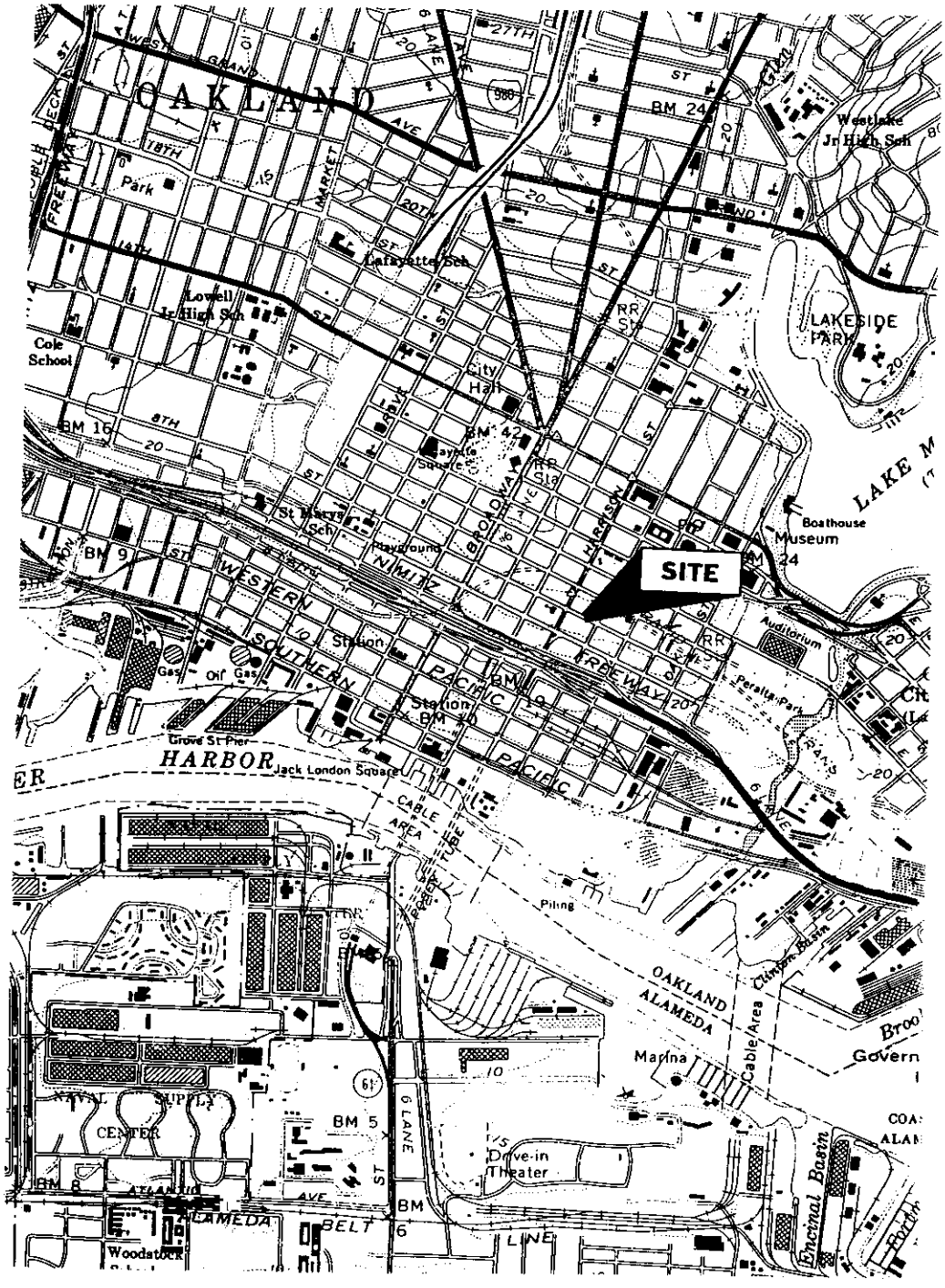
Attachments: Figures 1 and 2
Appendices A and B

cc: Ms. Laura Shook, Stantec Consulting Corporation
Mr. Mark Jonas, 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

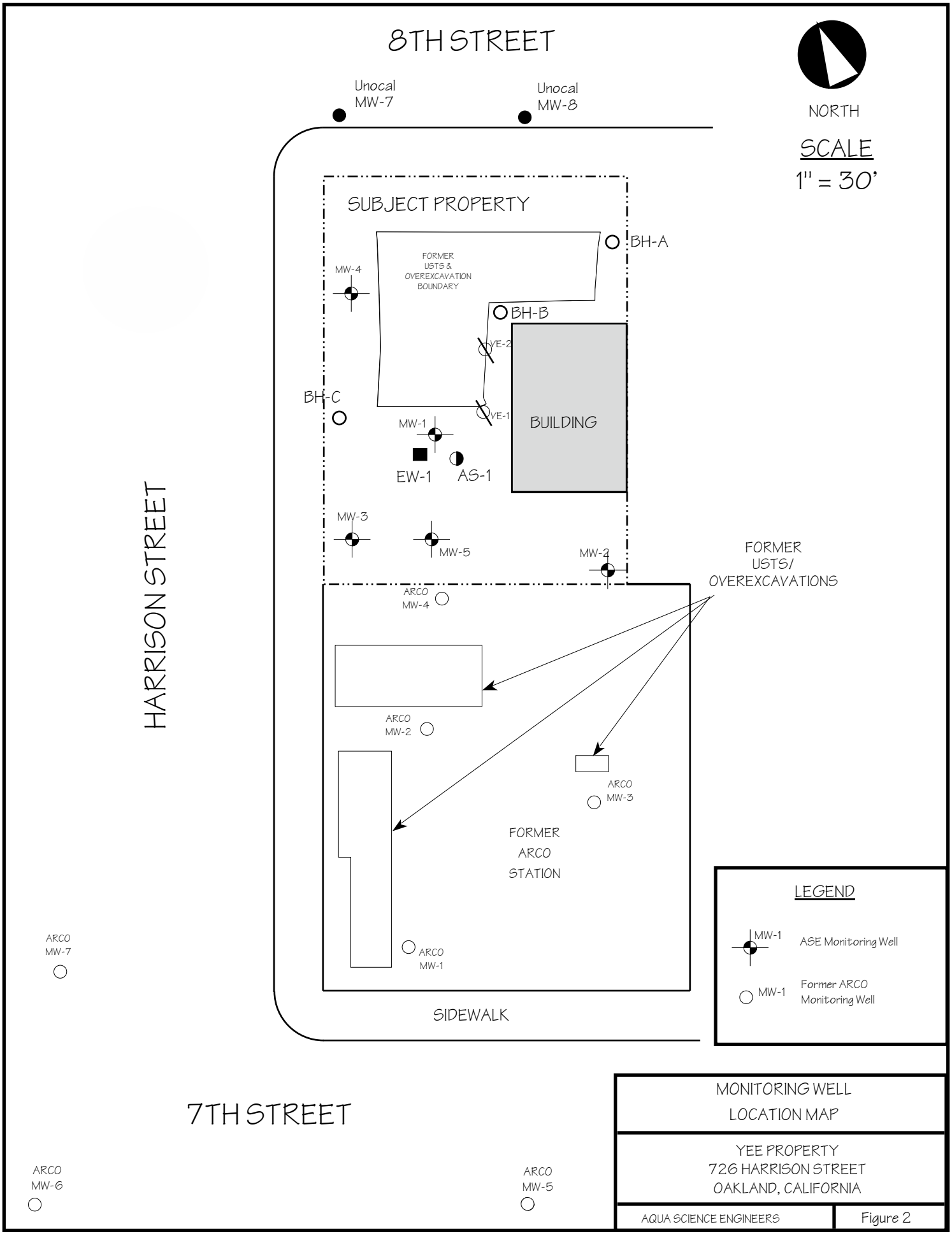
NORTH



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		**18.62**	**10.36**

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		**19.39**	**10.05**

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-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		**18.51**	**10.13**

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		**18.91**	**10.67**

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
	7/8/02		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		**19.00**	**10.06**

* 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**

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**

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**

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**

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**
ESL	100	1	40	30	20	5

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.

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APPENDIX A

Well Sampling Field Logs

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME YEE

JOB NUMBER 3412 DATE OF SAMPLING 08·03·09

WELL ID. MW-1 SAMPLER DA

TOTAL DEPTH OF WELL 27.2 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 18.62

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 8.58

NUMBER OF GALLONS PER WELL CASING VOLUME 1.37

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.11

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0652 TIME EVACUATION COMPLETED 0701

TIME SAMPLES WERE COLLECTED 0905

DID WELL GO DRY Yes AFTER HOW MANY GALLONS 3

VOLUME OF GROUNDWATER PURGED 3

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR Yellowish ODOR/SEDIMENT none/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	20.2	6.60	805
2	19.5	6.54	740
3	19.8	6.52	731

SAMPLES COLLECTED

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

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME YEE

JOB NUMBER 3412 DATE OF SAMPLING 08·03·09

WELL ID. MW-2 SAMPLER DA

TOTAL DEPTH OF WELL 28.0 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 19.39

PRODUCT THICKNESS ~~0~~

DEPTH OF WELL CASING IN WATER 8.61

NUMBER OF GALLONS PER WELL CASING VOLUME 1.37

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 4.13

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0820 TIME EVACUATION COMPLETED 0831

TIME SAMPLES WERE COLLECTED 0832

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 4.2

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT NO / SLIGHT

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	20.1	6.70	610
2	19.6	6.51	541
3	19.5	6.45	532

SAMPLES COLLECTED

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

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME YEE

JOB NUMBER 3412 DATE OF SAMPLING 08·03·09

WELL ID. MW-3 SAMPLER DA

TOTAL DEPTH OF WELL 29.2 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 18.51

PRODUCT THICKNESS ~~0~~

DEPTH OF WELL CASING IN WATER 10.69

NUMBER OF GALLONS PER WELL CASING VOLUME 1.7

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.13

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0720 TIME EVACUATION COMPLETED 0733

TIME SAMPLES WERE COLLECTED 0735

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5.2

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT SL HC / SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	20.1	6.85	610
2	19.8	6.76	585
3	19.7	6.70	578

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 08-03-09

WELL ID. MW-4 SAMPLER DA

TOTAL DEPTH OF WELL 29.7 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 18.91

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 10.79

NUMBER OF GALLONS PER WELL CASING VOLUME 1.72

NUMBER OF WELL CASING VOLUMES TO BE REMOVED 3

REQUIRED VOLUME OF GROUNDWATER TO BE PURGED PRIOR TO SAMPLING 5.2

EQUIPMENT USED TO PURGE WELL NEW DISPOSABLE BAILER

TIME EVACUATION STARTED 0705 TIME EVACUATION COMPLETED 0714

TIME SAMPLES WERE COLLECTED 0715

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5.2

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT SLHC / SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	20.1	6.72	685
2	19.9	6.68	676
3	19.7	6.64	670

SAMPLES COLLECTED

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

AQUA SCIENCE ENGINEERS

WELL SAMPLING FIELD LOG

PROJECT NAME YEE

JOB NUMBER 3412 DATE OF SAMPLING 08·03·09

WELL ID. MW-5 SAMPLER DA

TOTAL DEPTH OF WELL 28.5 WELL DIAMETER 2"

DEPTH TO WATER PRIOR TO PURGING 19.00

PRODUCT THICKNESS 0

DEPTH OF WELL CASING IN WATER 9.5

NUMBER OF GALLONS PER WELL CASING VOLUME 1.52

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 ~~0728~~ 0740 TIME EVACUATION COMPLETED 0750

TIME SAMPLES WERE COLLECTED 0752

DID WELL GO DRY NO AFTER HOW MANY GALLONS —

VOLUME OF GROUNDWATER PURGED 5

SAMPLING DEVICE NEW DISPOSABLE BAILER

SAMPLE COLOR LT GRAY ODOR/SEDIMENT NON HC/SL

CHEMICAL DATA

VOLUME PURGED	TEMPERATURE	PH	CONDUCTIVITY
1	20.2	6.70	1205
2	19.7	6.65	1182
3	19.6	6.61	1177

SAMPLES COLLECTED

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

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 : 69634
Date : 08/15/2009

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.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 69634
Date : 08/15/2009

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

Case Narrative

Matrix Spike/Matrix Spike Duplicate results associated with samples MW-1, MW-3, and MW-5 for the analyte Benzene were affected by the analyte concentrations already present in the un-spiked sample.

KIFF Analytical LLC

Report Number : 69634
Date : 08/15/2009

Project Name : **Yee**
Project Number : **3412**

Sample : **MW-1** Matrix : Water Lab Number : 69634-01
Sample Date :08/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**870**	25	ug/L	EPA 8260B	08/14/2009
Toluene	**44**	25	ug/L	EPA 8260B	08/14/2009
Ethylbenzene	**110**	25	ug/L	EPA 8260B	08/14/2009
Total Xylenes	**120**	25	ug/L	EPA 8260B	08/14/2009
Methyl-t-butyl ether (MTBE)	**13000**	25	ug/L	EPA 8260B	08/14/2009
TPH as Gasoline	**4000**	2500	ug/L	EPA 8260B	08/14/2009
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	08/14/2009
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	08/14/2009

Sample : **MW-2** Matrix : Water Lab Number : 69634-02
Sample Date :08/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	08/13/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	08/13/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	08/13/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	08/13/2009
Methyl-t-butyl ether (MTBE)	**1.0**	0.50	ug/L	EPA 8260B	08/13/2009
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	08/13/2009
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	08/13/2009
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	08/13/2009

KIFF Analytical LLC

Report Number : 69634
Date : 08/15/2009

Project Name : **Yee**
Project Number : **3412**

Sample : **MW-3** Matrix : Water Lab Number : 69634-03
Sample Date :08/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 2.5**	2.5	ug/L	EPA 8260B	08/14/2009
Toluene	**< 2.5**	2.5	ug/L	EPA 8260B	08/14/2009
Ethylbenzene	**< 2.5**	2.5	ug/L	EPA 8260B	08/14/2009
Total Xylenes	**< 2.5**	2.5	ug/L	EPA 8260B	08/14/2009
Methyl-t-butyl ether (MTBE)	**1600**	2.5	ug/L	EPA 8260B	08/14/2009
TPH as Gasoline	**< 250**	250	ug/L	EPA 8260B	08/14/2009
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	08/14/2009
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	08/14/2009

Sample : **MW-4** Matrix : Water Lab Number : 69634-04
Sample Date :08/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**62**	0.50	ug/L	EPA 8260B	08/15/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	08/15/2009
Ethylbenzene	**0.59**	0.50	ug/L	EPA 8260B	08/15/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	08/15/2009
Methyl-t-butyl ether (MTBE)	**120**	0.50	ug/L	EPA 8260B	08/15/2009
TPH as Gasoline	**320**	50	ug/L	EPA 8260B	08/15/2009
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	08/15/2009
Toluene - d8 (Surr)	96.5		% Recovery	EPA 8260B	08/15/2009

KIFF Analytical LLC

Report Number : 69634
Date : 08/15/2009

Project Name : **Yee**
Project Number : **3412**

Sample : **MW-5** Matrix : Water Lab Number : 69634-05
Sample Date :08/03/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**3500**	90	ug/L	EPA 8260B	08/14/2009
Toluene	**2800**	90	ug/L	EPA 8260B	08/14/2009
Ethylbenzene	**630**	90	ug/L	EPA 8260B	08/14/2009
Total Xylenes	**2600**	90	ug/L	EPA 8260B	08/14/2009
Methyl-t-butyl ether (MTBE)	**28000**	90	ug/L	EPA 8260B	08/14/2009
TPH as Gasoline	**28000**	9000	ug/L	EPA 8260B	08/14/2009
1,2-Dichloroethane-d4 (Surr)	97.9		% Recovery	EPA 8260B	08/14/2009
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	08/14/2009

Report Number : 69634

Date : 08/15/2009

QC Report : Method Blank Data

Project Name : **Yee**

Project Number : **3412**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	08/13/2009
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	08/13/2009
Toluene - d8 (Surr)	103		%	EPA 8260B	08/13/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	08/13/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	08/13/2009
1,2-Dichloroethane-d4 (Surr)	97.1		%	EPA 8260B	08/13/2009
Toluene - d8 (Surr)	102		%	EPA 8260B	08/13/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	08/14/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	08/14/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	08/14/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	08/14/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	08/14/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	08/14/2009
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	08/14/2009
Toluene - d8 (Surr)	96.7		%	EPA 8260B	08/14/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

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

Report Number : 69634

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 08/15/2009

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	69625-01	180	40.3	40.5	200	203	ug/L	EPA 8260B	8/13/09	47.4	53.4	11.9	70-130	25
Methyl-t-butyl ether	69625-01	16	40.4	40.6	46.4	44.2	ug/L	EPA 8260B	8/13/09	75.9	70.0	8.15	70-130	25
Toluene	69625-01	7.1	39.8	40.0	39.6	40.0	ug/L	EPA 8260B	8/13/09	81.6	82.4	0.922	70-130	25
Benzene	69634-02	<0.50	40.4	40.6	39.5	39.9	ug/L	EPA 8260B	8/13/09	97.7	98.2	0.548	70-130	25
Methyl-t-butyl ether	69634-02	1.0	40.6	40.7	39.4	44.3	ug/L	EPA 8260B	8/13/09	94.6	106	11.8	70-130	25
Toluene	69634-02	<0.50	39.9	40.1	39.6	39.8	ug/L	EPA 8260B	8/13/09	99.3	99.2	0.106	70-130	25
Benzene	69642-04	<0.50	40.6	40.6	33.7	33.2	ug/L	EPA 8260B	8/14/09	83.0	81.8	1.48	70-130	25
Methyl-t-butyl ether	69642-04	<0.50	40.7	40.7	33.7	33.9	ug/L	EPA 8260B	8/14/09	82.7	83.2	0.610	70-130	25
Toluene	69642-04	0.64	40.1	40.1	33.0	32.8	ug/L	EPA 8260B	8/14/09	80.8	80.3	0.577	70-130	25

KIFF ANALYTICAL, LLC

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

Report Number : 69634

QC Report : Laboratory Control Sample (LCS)

Date : 08/15/2009

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	8/13/09	100	70-130
Methyl-t-butyl ether	40.7	ug/L	EPA 8260B	8/13/09	103	70-130
Toluene	40.1	ug/L	EPA 8260B	8/13/09	104	70-130
Benzene	40.6	ug/L	EPA 8260B	8/13/09	97.6	70-130
Methyl-t-butyl ether	40.7	ug/L	EPA 8260B	8/13/09	97.3	70-130
Toluene	40.1	ug/L	EPA 8260B	8/13/09	100	70-130
Benzene	40.5	ug/L	EPA 8260B	8/14/09	94.8	70-130
Methyl-t-butyl ether	40.6	ug/L	EPA 8260B	8/14/09	92.9	70-130
Toluene	40.0	ug/L	EPA 8260B	8/14/09	93.6	70-130

KIFF ANALYTICAL, LLC

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

69634

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

Chain of Custody

PAGE 1 of 1

SAMPLER (SIGNATURE) [signature]

PROJECT NAME Yee JOB NO. 3412

ADDRESS 726 HARRISON ST, OAKLAND, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS / MTBE & BTEX (EPA 8260)	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	8/3/09	0905	W	3	X															01
MW-2		0832																		02
MW-3		0735																		03
MW-4		0715																		04
MW-5		0752																		05

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY LABORATORY:
(signature) (time)	(signature) (time)	(signature) (time)	(signature) 1123 (time)
DAVID ALLEN 8/3/09			NICK PERRY 080309
(printed name) (date)	(printed name) (date)	(printed name) (date)	(printed name) (date)
Company-ASE, INC.	Company-	Company-	Company- KIFF ANALYTICAL

COMMENTS:

TURN AROUND TIME
STANDARD 24Hr 48Hr 72Hr
OTHER:

Page 6 of 10

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: NWP Initials

SRG#: 69634 Date: 081309

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 2.8 Therm. ID# IR-5 Initial NWP Date/Time 081309 / 1320 ☐ 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: 081309 Time: 1328

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	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☐ Yes	☐ No		☒ N/A

COMMENTS: No sample times on sample labels. NWP 081309 1130

O:\old_ed\samprec\Forms\Sample Receipt Checklist rev 051409.doc

ATTACHMENT 4

CRA'S THIRD QUARTER 2009 DATA

Quarterly Status Summary Report – Third Quarter 2009
800, 726, and 706 Harrison Street
Oakland, California

CONESTOGA-ROVERS
& ASSOCIATES

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

October 13, 2009

Reference No. 231116

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

Dear Ms. Barclay:

Re: Data Package 3rd Quarter 2009 Groundwater Sampling Event
706 Harrison Street
Oakland, California 94607

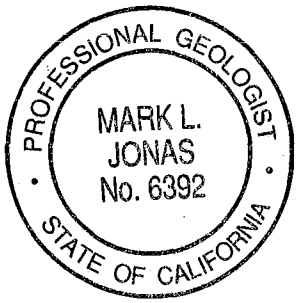
Attached is the requested information for the 3rd Quarter 2009 Groundwater Sampling Event for the site addressed at 706 Harrison Street, Oakland, CA 94607.

If you have any questions, please call Calvin Hee at (510) 420-3358 or myself at (510) 420-3307.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Mark Jonas, PG



CH/hc/3
Enclosure

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

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
	8/2/2007	17.21	8.96	6,100	1,200	130	140	240	5,300	5,400	a
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
	8/3/2009	17.45	8.72	290	94	2.8	3.4	6.7	25	20	a
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]

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*
	4/27/2005	14.63	12.90	61,000	2,800	11,000	1,600	7,000	ND<2,700	-	a
	7/19/2005	15.60	11.93	90,000	3,700	14,000	2,600	10,000	ND<7,000	-	a
MW-2	10/18/2005	16.08	11.45	77,000	3,300	14,000	2,400	11,000	7,900	6,400	a
(cont.)	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]
	8/3/2009	17.74	9.79	67,000	2,900	12,000	1,800	8,200	ND<3,500	1,900	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	-	-	-	-	-	-	-	

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
	1/23/2003	15.48	14.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	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	-	
MW-3	10/9/2003	14.13	12.66	-	-	-	-	-	-	-	
(cont.)	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	
	8/3/2009	17.18	9.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2,900	3,100	
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

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
	4/16/2001	19.17	12.01	160	1.2	1.3	ND<0.5	12	22	20	b
	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
MW-4	5/10/2002	17.69	13.49	490	3.5	2.0	2.1	2.2	ND<5.0	-	a
(cont.)	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]
	8/3/2009	18.23	9.97	2,300	370	39	37	89	1,700	1,600	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	-	

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
	5/18/1999	14.15	13.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	8/27/1999	15.43	12.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	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	-	-	-	-	-	-	-	
MW-5	8/9/2000	15.68	12.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
(cont.)	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	
	8/3/2009	16.23	8.84	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

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
	9/18/1997	17.24	11.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	12/10/1997	16.56	12.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
	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	-	
MW-6	2/4/1999	18.25	10.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
(cont.)	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	

TABLE 2

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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
	8/3/2009	17.24	8.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND<0.5	
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
MW-7	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
(cont.)	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	-	-	-	-	-	-	-	

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
	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	-	-	-	-	-	-	-	
	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	
	8/3/2009	17.17	9.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	0.87	
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"

* Wells located at 800, 726, and 700 Harrison Street Oakland CA were recently (September 29, 2009) surveyed by Mid Coast Engineers (MCE) per letter dated October 1, 2009 to Stantec from MCE

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DAILY REPORT

Client:	**Conestoga-Rovers and Associates**
Project:	**Bo Gin**
Site Address:	**706 Harrison Street, Oakland, CA**
Date:	**8/3/2009**
Time	**Activity**
5:00AM	Arrived onsite
5:30AM	Opened all wells
6:10 AM	Began gauging onsite wells
7:05AM	Traffic control arrived
	MW confirmed traffic wells to gauge and sample at
	same time
10:45AM	Finished sampling
10:55AM	Called MW and updated him about the sampling event
11:00AM	Left site
12:19PM	Samples taken to McCampbell Analytical Inc.

MUSKAN
ENVIRONMENTAL
SAMPLING

DRUM INVENTORY

Client:	Conestoga-Rovers and Associates
Project:	Bo Gin
Site Address:	706 Harrison Street, Oakland, CA
Date:	8/3/2009

ARRIVAL	**Amount**	**SPH**	**Soil**	**Water**
COMMENTS (color, type, label markings, location etc.): Four dead drums. Three open top black steel drums with non haz purgewater	FULL			2
	3/4			
	2/3			
	1/2			
	1/3			1
	1/4			
	>0,<1/4			

DEPARTURE	**Amount**	**SPH**	**Soil**	**Water**
COMMENTS (color, type, label markings, location etc.): Four dead drums. Three black open top steel drums with non haz purgewater. Drums located near well MW-1	FULL			3
	3/4			
	2/3			
	1/2			
	1/3			
	1/4			
	>0,<1/4			
	TOTAL			3

Well Inspection

CRA

CRA Project Number: 231116 Site Name: Bo Gin

Person Making Observations: Sanjiv Gill Date of Observations: 8/3/2009

Well ID	1. Access clear of obstructions	2. Well cover present	3. Bolts in place and not stripped	4. Rubber seal in place, not cracked	5. Cap locked	6. Cap snug	7. No water in outer annular space	8. If water present, >1" below TOC	9. Exposed casing not cracked	10. Outer annular seal adequate	11. Well box acceptable	12. Well labeled	13. Other (see notes)	Notes (Attach extra sheets if necessary.)
MW-1	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	NO		☐ Photograph provided.
MW-2	✓	✓	✓	✓	✓	✓	✓		✓	✓	NO	NO		Top of box comes apart from well box ☐ Photograph provided.
MW-3	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	NO		☐ Photograph provided.
MW-4	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	NO		☐ Photograph provided.
MW-5	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	NO		☐ Photograph provided.
MW-6	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	NO		☐ Photograph provided.
MW-7	✓	✓	✓	✓	NO	✓	✓		✓	✓	✓	NO		Casing too high to lock ☐ Photograph provided.
														☐ Photograph provided.
														☐ Photograph provided.
														☐ Photograph provided.
														☐ Photograph provided.
														☐ Photograph provided.
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														☐ Photograph provided.
														☐ Photograph provided.
														☐ Photograph provided.
														☐ Photograph provided.
														☐ Photograph provided.

Legend: √ = Yes, wellhead meets quality standard.
NO = No, wellhead does not meet quality standard, needs correction (if necessary, use notes to clarify).
C= Quality standard not met, but corrected during site visit.

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WELL GAUGING SHEET

Client: Conestoga-Rovers and Associates

Site Address: 706 Harrison Street, Oakland, CA

Date: 8/3/2009 **Signature:**

Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MW-1	6:13		17.45		24.40	
MW-2	6:23		17.74		25.10	
MW-3	6:10		17.18		27.70	
MW-4	6:18		18.23		25.60	
MW-5	8:50		16.23		27.89	
MW-6	7:35		17.24		25.90	
MW-7	8:05		17.17		27.75	

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SAMPLING

WELL SAMPLING FORM

Date:	8/3/2009
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:	17.45
Water Column Height:	6.95
Gallons/ft:	0.16
1 Casing Volume (gal):	1.11
3 Casing Volumes (gal):	3.33

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

COMMENTS: turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
9:45	1	19.8	7.29	817
9:47	2	19.8	7.34	795
9:50	3	19.6	7.39	809

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-1	8/3/09	9:55	40 ml VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260

Signature:

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ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	8/3/2009
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:	25.10
Depth to Water:	17.74
Water Column Height:	7.36
Gallons/ft:	0.16
1 Casing Volume (gal):	1.17
3 Casing Volumes (gal):	3.51

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

COMMENTS:
very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:35	1.5	19.9	7.20	892
10:37	2.5	19.9	7.26	871
10:40	3.5	19.9	7.25	875

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-2	8/3/09	10:45	40 ml VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260

Signature:

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ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	8/3/2009
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:	27.70
Depth to Water:	17.18
Water Column Height:	10.52
Gallons/ft:	0.16
1 Casing Volume (gal):	1.68
3 Casing Volumes (gal):	5.04

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

COMMENTS: turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
9:20	1.5	19.9	7.40	820
9:22	3.0	19.4	7.36	871
9:25	5.0	19.7	7.39	855

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-3	8/3/09	9:30	40 ml VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260

Signature:

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SAMPLING

WELL SAMPLING FORM

Date:	8/3/2009
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:	18.23
Water Column Height:	7.37
Gallons/ft:	0.16
1 Casing Volume (gal):	1.17
3 Casing Volumes (gal):	3.51

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

COMMENTS:
very turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
10:10	1.5	19.9	7.49	810
10:12	2.5	20.1	7.55	861
10:15	3.5	19.7	7.53	834

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-4	8/3/09	10:20	40 ml VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260

Signature:

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SAMPLING

WELL SAMPLING FORM

Date:	8/3/2009
Client:	Conestoga-Rovers and Associates
Site Address:	706 Harrison Street, Oakland, CA
Well ID:	MW-5
Well Diameter:	2"
Purging Device:	Disposable Bailer
Sampling Method:	Disposable Bailer
Total Well Depth:	27.89
Depth to Water:	16.23
Water Column Height:	11.66
Gallons/ft:	0.16
1 Casing Volume (gal):	1.86
3 Casing Volumes (gal):	5.58

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

COMMENTS: very turbid

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
8:55	2.0	19.3	7.40	510
8:57	4.0	19.6	7.46	496
9:00	5.5	19.7	7.47	499

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-5	8/3/09	9:05	40 ml VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260
				Signature:		

MUSKAN
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SAMPLING

WELL SAMPLING FORM

Date:	8/3/2009
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:	25.90
Depth to Water:	17.24
Water Column Height:	8.66
Gallons/ft:	0.16
1 Casing Volume (gal):	1.38
3 Casing Volumes (gal):	4.14

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

COMMENTS:
very turbid, silty

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
7:37	1.5	19.6	7.41	546
7:40	3.0	19.8	7.38	540
7:43	4.0	20.0	7.38	523

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-6	8/3/09	7:45	40 ml VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260
				Signature:		

MUSKAN
ENVIRONMENTAL
SAMPLING

WELL SAMPLING FORM

Date:	8/3/2009
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	**Fe=**	**mg/L**
Depth to Water:	17.17	**ORP=**	**mV**
Water Column Height:	10.58	**DO=**	**mg/L**
Gallons/ft:	0.16		
1 Casing Volume (gal):	1.69	**COMMENTS:**	
3 Casing Volumes (gal):	5.07	very turbid.	

TIME:	CASING VOLUME (gal)	TEMP (Celsius)	pH	COND. (µS)
8:10	1.5	19.6	7.52	823
8:12	3.0	19.7	7.49	822
8:15	5.0	19.7	7.51	829

Sample ID:	Sample Date:	Sample Time:	Container Type	Preservative	Analytes	Method
MW-7	8/3/09	8:20	40 ml VOA	HCl, ICE	TPHg, BTEX, MTBE	8015, 8021, 8260
				Signature:		

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: Mark Jonas **Bill To:** Conestoga-Rovers & Associates

Company: Conestoga-Rovers & Associates

5900 Hollis St. Ste. A
Emeryville, CA

E-Mail: mjonas@craworld.com mwerner@craworld.com

Tele: (510)420-3307 **Fax:** (510)420-9170

Project #: 231116 **Project Name:** BoGrin

Project Location: 706 Harrison St., Oakland, CA

Sampler Signature: Muskan Environmental Sampling

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other
MW-1		8-3-09	9:55	4	VOA	X					X	X		
MW-2			10:45											
MW-3			9:30											
MW-4			10:20											
MW-5			9:05											
MW-6			7:45											
MW-7			8:20											

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 by 8260	Comments
X																X	Filter Samples for Metals analysis: Yes / No

Relinquished By:	Date:	Time:	Received By:
	8/3/09	1219	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 4.2 COMMENTS:
GOOD CONDITION_____
HEAD SPACE ABSENT_____
DECHLORINATED IN LAB_____
APPROPRIATE CONTAINERS_____
PRESERVED IN LAB_____

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

Cambria QM Well Sampling Protocol

Client: Bo Gin

CAMBRIA

Address	706 Harrison Street	**Cambria_Project_NO**	[redacted] 231116
City	Oakland	**Cambria Project Manager:**	MJ
Cross Street	Seventh Street	**Sample Month:**	A

General Notes: Note: MJ-For 1Q09 please use modified gw monitoring protocol per July 2008 GW Monitoring Work Plan. For following quarters, revert to previous protocol. Please talk with with Mark Jonas before performing monitoring event. As of 3/9/09, Bo Gin site and two adj sites will be jointly monitored semiannually during the 1Q and 3Q.

Notify Cambria's project manager immediately if there is a schedule change. Perform field activities according to Cambria's Standard Field Procedures for Groundwater Monitoring & Sampling. Call the project manager from the site if any anomalous conditions are identified and at the completion of field activities. Arrange for submittal of groundwater samples to McCampbell Analytical. Provide the following six field documents within ONE day following completion of field activity. 1. Daily Field Report, 2. GW Monitoring Field Sheet, 3. Well Sampling Form, 4. Signed Cambria QM Well Sampling Protocol, 5. Signed Chain of Custody, 6. Drum Inventory Form;

Site Specific Notes: Traffic control needed for three wells. Signs to divert traffic and cones. Store labeled drums away from the traffic onsite. Need an encroachment permit for well sampling.

Cambria Notes: Agency asking us to perform joint monitoring with Aqua Science Engineers, Inc. Contact Dave Allen at dallen@aquascienceengineers.com or Robert Kitay at rkitay@aquascienceengineers.com. They schedule quarterly events during 1st month of quarter. Or, Dave Allen dallen@aquascienceengineers.com 925/820-9391 x-201, 925/819-0963 m. Also coordinate joint monitoring with Former Unocal/ConocoPhillips (Mike Glenn of TRC, 949-727-7347, is main contact, but he will forward you to Adrienne Collins [acollins@trcsolutions.com], 925-688-2479 who coordinates the QM program for this site). CP does not monitor during the 4Q. CP consultants may now be Stantec (Diane Barclay (Diane.Barclay@stantec.com).

Sample wells in this order: MW-5, MW-3, MW-6, MW-7, MW-1, MW-4, and MW-2.

*Performing Monitoring well inspection and record on well inspection form.
*If necessary, perform minor repairs on wells charging time and material to the General Well Maintenance task.

	Sample?					
Well ID	**1Q**	**2Q**	**3Q**	**4Q**	**Analytes**	**Comments**
MW-1	☑	☐	☑	☐	TPHg, BTEX & MTBE by 8015/8021, MTBE by 8260	High concentrations, downgradient well

Cambria QM Well Sampling Protocol **Client:** Bo Gin CAMBRIA

✓	MW-2	☑	☐	☑	☐	TPHg, BTEX & MTBE by 8015/8021, MTBE by 8260	High concentrations, source area well
✓	MW-3	☑	☐	☑	☐	TPHg, BTEX & MTBE by 8015/8021, MTBE by 8260	ND, crossgradient well
✓	MW-4	☑	☐	☑	☐	TPHg, BTEX & MTBE by 8015/8021, MTBE by 8260	High concentrations, upgradient well, MTBE & HCs
✓	MW-5	☑	☐	☑	☐	TPHg, BTEX & MTBE by 8015/8021, MTBE by 8260	ND, downgradient well, heavy traffic!!!
✓	MW-6	☑	☐	☑	☐	TPHg, BTEX & MTBE by 8015/8021, MTBE by 8260	MTBE & HCs, cross/downgradient well, heavy traffic!!!
✓	MW-7	☑	☐	☑	☐	TPHg, BTEX & MTBE by 8015/8021, MTBE by 8260	MTBE, cross gradient well, heavy traffic!!!
	Trip Blank	☐	☐	☐	☐		

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 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #231116; BoGin	Date Sampled: 08/03/09
		Date Received: 08/03/09
	Client Contact: Mark Jonas	Date Reported: 08/06/09
	Client P.O.:	Date Completed: 08/05/09

WorkOrder: 0908005

August 07, 2009

Dear Mark:

Enclosed within are:

1) The results of the **7** analyzed samples from your project: **#231116; BoGin,**
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.

0908605

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: Mark Jones Bill To: Conestoga-Rovers & Associates

Company: Conestoga-Rovers & Associates

5900 Hollis St. Ste. A

Emeryville, CA E-Mail: mjones@craworld.com mweiner@craworld.com

Tele: (510)420-3307 Fax: (510)420-9170

Project #: 231116 Project Name: BoGin

Project Location: 706 Harrison St., Oakland, CA

Sampler Signature: MuscKan Environmental Sampling JL

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	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 by 8260	Comments: Filter Samples for Metals analysis: Yes / No
MW-1		8-3-09	9:55	4	VOA	X					X	X			X																X	
MW-2			10:45																													
MW-3			9:30																													
MW-4			10:20																													
MW-5			9:05																													
MW-6			7:45																													
MW-7			8:20																													

Relinquished By:	Date:	Time:	Received By:
	8/3/09	1219	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t 4.2

GOOD CONDITION ✓

HEAD SPACE ABSENT ✓

DECHLORINATED IN LAB

APPROPRIATE CONTAINERS ✓

PRESERVED IN LAB

COMMENTS:

	VOAS	O&G	METALS	OTHER
PRESERVATION	✓		pH<2	

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0908005 **ClientCode: CETE**

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

Report to:
Mark Jonas
Conestoga-Rovers & Associates
5900 Hollis St, Suite A
Emeryville, CA 94608
(510) 420-3327 FAX (510) 420-9170

Email: mjonas@CRAworld.com
cc:
PO:
ProjectNo: #231116; BoGin

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

Requested TAT: 5 days

Date Received: **08/03/2009**
Date Printed: **08/03/2009**

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
0908005-001	MW-1	Water	8/3/2009 9:55	☐	A	B	A									
0908005-002	MW-2	Water	8/3/2009 10:45	☐	A	B										
0908005-003	MW-3	Water	8/3/2009 9:30	☐	A	B										
0908005-004	MW-4	Water	8/3/2009 10:20	☐	A	B										
0908005-005	MW-5	Water	8/3/2009 9:05	☐	A	B										
0908005-006	MW-6	Water	8/3/2009 7:45	☐	A	B										
0908005-007	MW-7	Water	8/3/2009 8:20	☐	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: **8/3/2009 12:24:56 PM**

Project Name: **#231116; BoGin**

Checklist completed and reviewed by: Maria Venegas

WorkOrder N°: **0908005** 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: 4.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC 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; BoGin	Date Sampled: 08/03/09
		Date Received: 08/03/09
5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 08/03/09-08/05/09
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 08/03/09-08/05/09

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 0908005

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	MW-1	W	290	25	94	2.8	3.4	6.7	1	117	d1
002A	MW-2	W	67,000	ND<3500	2900	12,000	1800	8200	200	105	d1,b6,b1
003A	MW-3	W	ND	2900	ND	ND	ND	ND	1	106	
004A	MW-4	W	2300	1700	370	39	37	89	10	116	d1
005A	MW-5	W	ND	1300	ND	ND	ND	ND	1	107	
006A	MW-6	W	ND	ND	ND	ND	ND	ND	1	101	
007A	MW-7	W	ND	ND	ND	ND	ND	ND	1	87	

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

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Conestoga-Rovers & Associates	Client Project ID: #231116; BoGin	Date Sampled: 08/03/09
		Date Received: 08/03/09
5900 Hollis St, Suite A	Client Contact: Mark Jonas	Date Extracted: 08/03/09-08/07/09
Emeryville, CA 94608	Client P.O.:	Date Analyzed 08/03/09-08/07/09

Methyl tert-Butyl Ether*

Extraction method SW5030B Analytical methods SW8260B Work Order: 0908005

Lab ID	Client ID	Matrix	Methyl-t-butyl ether (MTBE)	DF	% SS	Comments
001B	MW-1	W	20	1	102	
002B	MW-2	W	1900	200	105	b6,b1
003B	MW-3	W	3100	100	96	
004B	MW-4	W	1600	50	97	
005B	MW-5	W	1400	50	98	
006B	MW-6	W	ND	1	98	
007B	MW-7	W	0.87	1	97	

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; 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: 44876 WorkOrder: 0908005

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 0907807-004A**

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	118	122	3.93	124	122	1.48	70 - 130	20	70 - 130	20
MTBE	ND	10	116	118	1.46	109	109	0	70 - 130	20	70 - 130	20
Benzene	ND	10	109	113	3.33	116	102	12.7	70 - 130	20	70 - 130	20
Toluene	ND	10	98.1	102	3.96	106	91.5	14.4	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	100	103	2.50	107	92.9	14.3	70 - 130	20	70 - 130	20
Xylenes	ND	30	114	116	1.28	121	106	13.2	70 - 130	20	70 - 130	20
%SS:	95	10	98	102	4.35	102	94	7.74	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 44876 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0908005-001A	08/03/09 9:55 AM	08/05/09	08/05/09 3:32 AM	0908005-002A	08/03/09 10:45 AM	08/05/09	08/05/09 4:05 AM
0908005-003A	08/03/09 9:30 AM	08/04/09	08/04/09 6:04 AM	0908005-003A	08/03/09 9:30 AM	08/05/09	08/05/09 2:27 AM
0908005-004A	08/03/09 10:20 AM	08/04/09	08/04/09 6:34 AM	0908005-005A	08/03/09 9:05 AM	08/03/09	08/03/09 7:15 PM
0908005-005A	08/03/09 9:05 AM	08/04/09	08/04/09 6:36 PM	0908005-006A	08/03/09 7:45 AM	08/04/09	08/04/09 7:11 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.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 44929 WorkOrder: 0908005

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 0908029-005A**

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	96.7	102	5.05	116	117	0.865	70 - 130	20	70 - 130	20
MTBE	ND	10	101	101	0	105	106	1.38	70 - 130	20	70 - 130	20
Benzene	ND	10	104	102	1.56	109	114	4.40	70 - 130	20	70 - 130	20
Toluene	ND	10	104	99.7	4.47	97.7	106	7.77	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	105	104	0.764	99	107	8.04	70 - 130	20	70 - 130	20
Xylenes	ND	30	104	104	0	114	122	7.27	70 - 130	20	70 - 130	20
%SS:	96	10	98	99	0.146	99	103	3.86	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 44929 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0908005-007A	08/03/09 8:20 AM	08/03/09	08/03/09 8:57 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.

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 44926 WorkOrder: 0908005

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0907847-014B**

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)	3.8	10	82.6	87	3.62	98.6	97.2	1.40	70 - 130	30	70 - 130	30
%SS1:	75	25	95	97	2.16	98	97	0.782	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 44926 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0908005-001B	08/03/09 9:55 AM	08/07/09	08/07/09 11:27 AM	0908005-002B	08/03/09 10:45 AM	08/07/09	08/07/09 12:09 PM
0908005-003B	08/03/09 9:30 AM	08/03/09	08/03/09 11:42 PM	0908005-004B	08/03/09 10:20 AM	08/04/09	08/04/09 12:24 AM
0908005-005B	08/03/09 9:05 AM	08/04/09	08/04/09 1:07 AM	0908005-006B	08/03/09 7:45 AM	08/03/09	08/03/09 8:48 PM
0908005-007B	08/03/09 8:20 AM	08/03/09	08/03/09 9:34 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.

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QA/QC Officer