CONESTOGA-ROVERS & ASSOCIATES

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TRANSMITTAL

DATE: October 27, 2009

REFERENCE NO.: 240504

PROJECT NAME: 1285 Bancroft Avenue, San Leandro

TO: Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

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1:52 pm, Oct 30, 2009
Alameda County
Environmental Health

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QUANTITY	DESCRIPTION
1	Site Conceptual Model and Closure Request

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

COMMENTS:
If you have any questions regarding the contents of this document, please call Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Avenue, Carson, CA 90810
Mike Bakaldin, City of San Leandro, 835 East 14th Street, San Leandro, CA 94577
Ivan G. and Joanne Cornelius, 198 Juana Avenue, San Leandro, CA 94577
SF Data Room (electronic copy)

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: Correspondence File

Denis L. Brown
Shell Oil Products US
HSE - Environmental Services
20945 S. Wilmington Ave.
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Email denis.l.brown@shell.com

Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California
SAP Code 136017
Incident No. 98996067
ACEH Case No. RO0000156

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Project Manager

SITE CONCEPTUAL MODEL AND CLOSURE REQUEST

SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVE.
SAN LEANDRO, CALIFORNIA

SAP CODE	136017
INCIDENT NO.	98996067
AGENCY NO.	RO0000156

Prepared by:
Conestoga-Rovers & Associates

5900 Hollis Street, Suite A
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OCTOBER 27, 2009
REF. NO. 240504 (6)
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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell). Alameda County Environmental Health's (ACEH's) February 9, 2009 letter requested a review of historic site data, conclusions, and recommendations for future actions at the site. CRA believes that a site conceptual model (SCM) is an appropriate format for this review.

The subject site is an active Shell-branded service station located on the northwest corner of the Bancroft Avenue and Estudillo Avenue intersection in a mixed commercial and residential area of San Leandro, California (Figure 1). The site layout (Figure 2) includes one station building with three automobile service bays, two dispenser islands, and three underground storage tanks (USTs).

A summary of previous work performed at the site is contained in Appendix A.

2.0 EXECUTIVE SUMMARY

CRA recommends case closure based on the following criteria:

- Soil impacts have been delineated horizontally and vertically. Impacts to unsaturated soils which exceed the ESLs are limited to a single sample.
- Groundwater COC concentrations are stable or declining on site and are adequately defined to concentrations below ESLs down gradient and vertically.
- Soil vapor concentrations are all below residential ESLs.

3.0 SITE CONCEPTUAL MODEL

ITEM	*EVALUATION CRITERIA*	*COMMENTS/DISCUSSION*
3.1	**Hydrocarbon Source**	
3.1.1	Identify/Describe Release Source and Volume (if known)	Unknown.
3.1.2	Discuss Steps Taken to Stop Release	A waste oil tank was removed and the tank pit was over-excavated in 1986. Product dispensers and all piping between product dispensers and USTs were replaced during a 1995 station upgrade. Vacuum UST testing was conducted in 2002 and one UST was inspected and repaired following initial testing. Spill-containment sumps were upgraded on the existing USTs and product dispensers during 2005.

ITEM	EVALUATION CRITERIA	COMMENTS/DISCUSSION
3.2	**Site Characterization**	
3.2.1	Current Site Use/Status	The subject site is an active Shell-branded service station located on the northwest corner of the Bancroft Avenue and Estudillo Avenue intersection in a mixed commercial and residential area of San Leandro, California (Figure 1). The site layout (Figure 2) includes one station building with three automobile service bays, two dispenser islands, and three USTs.
3.2.2	Soil Definition Status	The highest total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations in the 234 soil samples analyzed from the site were collected from the area adjacent to the UST complex and the dispenser islands. The maximum TPHg and BTEX concentrations detected in soil samples are: 8,800 milligrams per kilogram (mg/kg) TPHg (MW-2 at 44.5 feet below grade [fbg], sample collected in 1992), 1.12 mg/kg benzene (MW-6 at 35.5 fbg, sample collected in 1999), 2.3 mg/kg toluene (MW-9 at 35 fbg, sample collected in 2004), 72 mg/kg ethylbenzene (MW-2 at 44.5 fbg, sample collected in 1992), and 170 mg/kg xylenes (MW-2 at 44.5 fbg, sample collected in 1992). None of the soil samples from the unsaturated zone (<25 fbg) exceeded the San Francisco Bay Regional Water Quality Control Board[1] (RWQCB) environmental screening level (ESL) for TPHg in soils at sites with commercial land use, where groundwater is not a source of drinking water. BTEX detections in soil samples from the unsaturated zone were all below ESLs with the exception of benzene in one sample (0.31 mg/kg in L-1 at 2.0 fbg, collected in 1995). Detections in saturated soil may be due to impacted groundwater. Methyl tertiary-butyl ether (MTBE) was detected in one vadose zone soil sample from the dispenser area (D-4-4.0 collected in 2005) at a concentration of 0.0088 mg/kg and in 29 soil samples from the saturated zone at concentrations up to 4.68 mg/kg (MW-5-35.5 collected in 1999). All MTBE detections in unsaturated soil samples were below ESLs. Detections in saturated soil may be due to impacted groundwater. Total petroleum hydrocarbons as diesel (TPHd), oil and grease (O&G), methylene chloride, and 4 metals were detected at concentrations below ESLs in soil samples collected during the 2006 waste oil UST removal. Tables 1 and 2 present historical soil data.
3.2.3	Separate-Phase Hydrocarbon (SPH) Definition Status	SPH has not been observed at the site.

1 *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater,* California Regional Water Quality Control Board, Interim Final – November 2007 [Revised May 2008]

ITEM	EVALUATION CRITERIA	COMMENTS/DISCUSSION
3.2.4	Groundwater Definition Status (TPHg/BTEX)	Groundwater has been monitored at the site since the first quarter of 1990. A historical maximum of 1,100,000 micrograms per liter (µg/l) TPHg was detected in MW-5 during the second quarter of 2004. This concentration appears to be an anomalous based on lower concentrations of TPHg before and after this detection and no coincident increase in BTEX or MTBE detections during this event. The second highest historical concentration of TPHg was 190,000 µg/l detected during the fourth quarter of 2005. During the third quarter of 2009, up to 68,000 µg/l TPHg was detected (MW-5). The down-gradient extent of TPHg is defined by wells MW-7 and MW-8 and MW-10 through MW-12. For detections of TPHg, it should be noted that the RWQCB advises that "TPH ESLs must be used in conjunction with ESLs for related chemicals (e.g. BTEX, polynuclear aromatic hydrocarbons, oxidizers, etc.)." In this case, BTEX would be the appropriate related chemicals. The highest BTEX concentrations in groundwater have been detected in the area of the UST complex. Historically up to 20,000 µg/l benzene, 39,300 µg/l toluene, 9,100 µg/l ethylbenzene, and 45,000 µg/l xylenes have been detected. During the third quarter of 2009, up to 68 µg/l benzene (MW-6), 1,400 µg/l toluene (MW-5), 3,000 µg/l ethylbenzene (MW-5), and 17,000 µg/l xylenes (MW-5) were detected. The down-gradient extent of BTEX is adequately defined by MW-7 and MW-8 and MW-10 through MW-12. MW-1B defines the vertical extent of impacted groundwater directly down gradient of the UST complex. The horizontal extent of benzene in groundwater is shown in Figures 3 and 4. Historical monitoring well groundwater data is included in Appendix B, grab groundwater sampling data is presented in Table 3, and additional groundwater data for volatile organic compounds is presented in Table 4.
3.2.5	TPHg/BTEX Plume Stability and Concentration Trends	Quarterly groundwater monitoring data indicate that concentrations of TPHg and BTEX are generally declining. Historical concentrations of benzene in MW-5 (Figure 5), MW-6 (Figure 6) and MW-9 (Figure 7) are showing a consistent downward trend and have reached or will soon reach ESLs. Toluene concentrations in MW-5, MW-6, and MW-9 (Figures 8 through 10) also show a declining trend and all are projected to reach ESLs by 2017. Ethylbenzene and xylenes concentrations in MW-5 (Figure 8) are stable. Toluene, ethylbenzene, and xylenes in MW-6 (Figure 9) and MW-9 (Figure 10), located down gradient of MW-5, are declining, and are projected to reach ESLs by 2011. ESL projections are based on the trend lines shown in Figures 5 through 10.

ITEM	EVALUATION CRITERIA	COMMENTS/DISCUSSION
3.2.6	Groundwater Definition Status (Oxygenates)	MTBE has historically been detected at concentrations up to 71,000 µg/l in MW-3 (fourth quarter 1996). During the third quarter of 2009 the highest MTBE concentration was 140 µg/l in MW-2A and MW-6. Current MTBE concentrations in groundwater are below the non-drinking water ESL (1,800 µg/l). Tertiary-butyl alcohol (TBA), a degradation product of MTBE, has been detected in well MW-6 at concentrations up to 1,500 µg/l (third quarter 2005). During third and fourth quarter 2008 the highest TBA concentration was 86 µg/l in MW-9. All TBA concentrations are below the non-drinking water ESL (18,000 µg/l). Other oxygenates have not been detected. Oxygenates in groundwater are adequately defined below ESLs. Historical groundwater data tables are presented in Appendix B. An isoconcentration contour map for MTBE is presented in Figure 11.
3.2.7	Oxygenate Plume Stability and Concentration Trends	Fuel oxygenate concentrations are decreasing. The MTBE concentrations on site peaked in fourth quarter 1996 (MW-3) and have now declined more than two orders of magnitude from the historical highs. There is no MTBE impact to the nearest down-gradient receptor (IW-1), detections in down-gradient wells have been below ESLs, and further down-gradient investigation is not warranted. TBA trends peaked during the third quarter of 2005 and have now declined by over an order of magnitude. Figures 5 through 7 provide historical trend graphs for MTBE concentrations in groundwater samples from MW-5, MW-6, and MW-9. The graphs show steady declines in MTBE concentrations, which is typical of the oxygenate trends in other site wells. TBA is a degradation product of MTBE and is likely to decline further as MTBE concentrations diminish. These data suggest that the plume is shrinking.
3.2.8	Groundwater Flow Direction, Depth Trends and Gradient	Static groundwater depth has ranged from 23.21 to 45.23 fbg. Groundwater flow direction is southwesterly with a variable, but generally flat, gradient. Groundwater depths are presented in the historical groundwater monitoring table (Appendix B). The third quarter 2009 groundwater contour map is included as Figure 3.

ITEM	EVALUATION CRITERIA	COMMENTS/DISCUSSION
3.2.9	Stratigraphy and Hydrogeology	Sediments in the site vicinity are Quaternary alluvial deposits derived from Mesozoic marine and Pliocene and Mesozoic intrusive rocks of the Diablo Range. The Hayward Fault Zone is less than one mile east of the site. Soils below the site consist of silts, silts with sand, and clay to depths of approximately 55 fbg with occasional 2 to 11 foot thick layers of sand, silty sand, silty gravel, and sand with gravel below 23 fbg. These are underlain by 10 feet of silt, silt with sand, and clay and then by interbedded sand and silty sand, to 83 to 87 fbg followed by silt and clay to the total depth explored of 90 fbg. Cross sections are presented in Figures 12 and 13.
3.2.10	Preferential Pathways Analysis	The distance and direction to sensitive receptors nearest the site have been shown on the quarterly groundwater contour maps since the second quarter of 2002. The nearest receptor well is an irrigation well 150 feet northwest of the site which has been included in the quarterly monitoring program since the second quarter of 1999. No hydrocarbons or oxygenates have been detected in that well with the exception of up to 19 µg/l MTBE detected during the second and third quarter of 2003, benzene (1.1 µg/l), ethylbenzene (3.5 µg/l) and xylenes (5.7 µg/l) detected during the third quarter of 2003, and 1.14 µg/l xylenes detected during the fourth quarter of 2006. Utilities are not typically buried deeper than the shallowest recorded depth to water (23.2 fbg, recorded in July 1999) and therefore it is highly unlikely that utility trenches within and near the site and plume areas could be serving as preferential pathways for chemical migration in groundwater.

ITEM	EVALUATION CRITERIA	COMMENTS/DISCUSSION
3.2.11	Other Pertinent Issues	Quarterly groundwater samples from fourth quarter 2006 to the first quarter 2008 and grab groundwater samples from the CPT borings were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B. Chloroform and PCE concentrations detected in up-gradient boring CPT-1 and historically in cross-gradient wells MW-7 and MW-8 likely indicate a regional impact with an up-gradient source. Naphthalene was detected at levels above non-drinking water ESLs in on-site wells MW-2, MW-3, MW-5, MW-6, and MW-9 (up to 1,200 µg/l in MW-5 during the second quarter of 2007). By the first quarter 2008, naphthalene concentrations showed overall declining trends. Naphthalene concentrations were adequately defined to levels below drinking water ESLs down gradient in shallow groundwater by wells MW-7, MW-8, MW-10, MW-11, and MW-12, and vertically by grab groundwater samples from cone-penetrometer test borings CPT-1 through CPT-4. Historical analytical results for VOCs in groundwater are presented in Table 4.
3.3	**Remediation Status**	
3.3.1	Remedial Actions Taken	Weiss Associates installed oxygen releasing compounds (ORCs) in wells MW-2 and MW-3 from October 1997 through January 22, 1999. Cambria Environmental Technology, Inc. (Cambria) conducted weekly mobile groundwater extraction (GWE) from wells MW-1, MW-3, and MW-5 between September 1998 and July 1999. Cambria conducted monthly mobile dual-phase extraction (DVE) from wells MW-5 and MW-6 from November 2000 to January 2005.
3.3.2	Area Remediated	The ORC, GWE, and DVE were conducted in the area directly adjacent to, and in the area down gradient of the UST complex.
3.3.3	Remediation Effectiveness	The 1998 to 1999 GWE removed approximately 17.9 pounds of liquid-phase TPHg and 0.77 pounds of MTBE. The 2000 to 2005 DVE removed approximately 131.47 pounds of vapor-phase TPHg and 1.23 pounds of vapor-phase MTBE. Approximately 41,300 gallons of groundwater were removed during the GWE and DVE events. Historical tables of mass hydrocarbon mass removal by groundwater and vapor extraction are included in Appendix C.

ITEM	EVALUATION CRITERIA	COMMENTS/DISCUSSION
3.4	**Well and Sensitive Receptor Survey**	
3.4.1	Designated Beneficial Water Use	Based on the June 1999 East Bay Plain Groundwater Basin Beneficial Use Evaluation Report by the California Regional Water Quality Control Board San Francisco Bay Region Groundwater Committee, the city of San Leandro does not have "any plans to develop local groundwater resources for drinking water purposes, because of existing or potential saltwater intrusion, contamination, or poor or limited quantity."
3.4.2	Well Survey Results	Weiss Associates 1992 wells survey and subsequent updates by Cambria in 1998, 1999, and 2005 identified 28 domestic and irrigation wells within a one-half mile radius of the site. Irrigation well 2S/3W-25L1 (aka IW-1), located approximately 150 feet west of the site at 566 Estudillo Avenue, was added to the quarterly monitoring and sampling program for this site in the second quarter of 1999. The Department of Water Resources records indicate that it is installed to a depth of 88 fbg, however no other construction details are available. The other nearest irrigation well (25M1) and the two nearest domestic wells (25K1 and 25P2) identified by the well survey were not currently in use. The locations of the wells are shown on Figure 1.
3.4.3	Likelihood of Impact to Wells	The nearest receptor well is an irrigation well 150 feet northwest of the site that has been included in the quarterly monitoring program since the second quarter of 1999. No hydrocarbons or oxygenates have been detected in that well with the exception of up to 19 µg/l MTBE detected during the second and third quarter of 2003, benzene (1.1 µg/l), ethylbenzene (3.5 µg/l) and xylenes (5.7 µg/l) detected during the third quarter of 2003, and 1.14 µg/l xylenes detected during the fourth quarter of 2006.
3.4.4	Likelihood of Impact to Surface Water	The nearest surface water, San Leandro Creek, is located approximately 500 feet northwest of the site. Given the distance, the likelihood of impact to surface water from chemicals originating from the site is low.

ITEM	*EVALUATION CRITERIA*	*COMMENTS/DISCUSSION*
3.5	**Risk Assessment**	
3.5.1	Site Conceptual Exposure Model (current and future uses)	The subject site is an active Shell-branded service station. Future site use is expected to be commercial. The site is surrounded by mixed residential and commercial properties. There is no indication that the land use in the site vicinity will change from commercial and residential land use in the near future.
3.5.2	Exposure Pathways	Potential exposure pathways include ingestion of impacted groundwater, exposure of on-site workers to impacted shallow soils, and intrusion of vapor to indoor air. Groundwater ingestion is not a completed pathway because down gradient irrigation well IW-1, which has been sampled since 1999, has never been significantly impacted. There are no other water-producing wells in close proximity to the site. As discussed above, the extent of impacted soil is limited. Only one detection (benzene at a concentration of 0.31 mg/kg in L-1 at 2.0 fbg) in unsaturated soil exceeds ESLs. Any worker doing trenching or excavating at a current or former gasoline station would be properly trained and prepared for encountering potentially-impacted soil and would wear personal protective equipment, as necessary. Therefore, the residual impacted soils do not appear to pose a significant threat to construction workers that may occasionally come in contact with the potentially-impacted soils on site, and any work at this site would require contractors to have appropriate health and safety training to perform the work. At this time, no further soil investigation is recommended. All constituent of concern (COC) soil vapor concentrations are below the residential and commercial land use ESLs for evaluating the potential for vapor intrusion[2] (see Table 5).
3.5.3	Risk Assessment Status	No formal risk assessment is planned the site.
3.5.4	Identified Human Exceedances	NA.
3.5.5	Identified Ecological Exceedances	NA.

2 *Screening for Environmental Concerns at Site With Contaminated Soil and Groundwater,* California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]; Table E-1: Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns (commercial land use).

ITEM	*EVALUATION CRITERIA*	*COMMENTS/DISCUSSION*
3.6	**Additional Recommended Data or Tasks**	
3.6.1	Environmental Case Closure	Based on soil vapor concentrations all being below residential ESLs, unsaturated soil concentrations with a single exception below commercial land use ESLs, stable to declining concentrations of COCs in groundwater within the site, and adequate definition of the groundwater plume to below ESLs, CRA recommends case closure. No additional data collection is recommended.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Soil impacts have been delineated horizontally and vertically. Impacts to unsaturated soils which exceed the ESLs are limited to a single sample. No further soil investigation is warranted.

Groundwater COCs concentrations are stable or declining on site and are adequately defined to concentrations below ESLs down gradient and vertically. CRA does not recommend additional groundwater investigation or monitoring.

Soil vapor concentrations are all below residential ESLs. No further soil vapor investigation is warranted.

Based on stable to declining petroleum hydrocarbon and fuel oxygenate concentrations in groundwater, no identified groundwater receptors, limited soil impact in unsaturated soil, and soil vapor analytical results below residential ESLs, further monitoring is not warranted. CRA recommends case closure, and we request that groundwater monitoring be suspended while ACEH reviews this closure request.

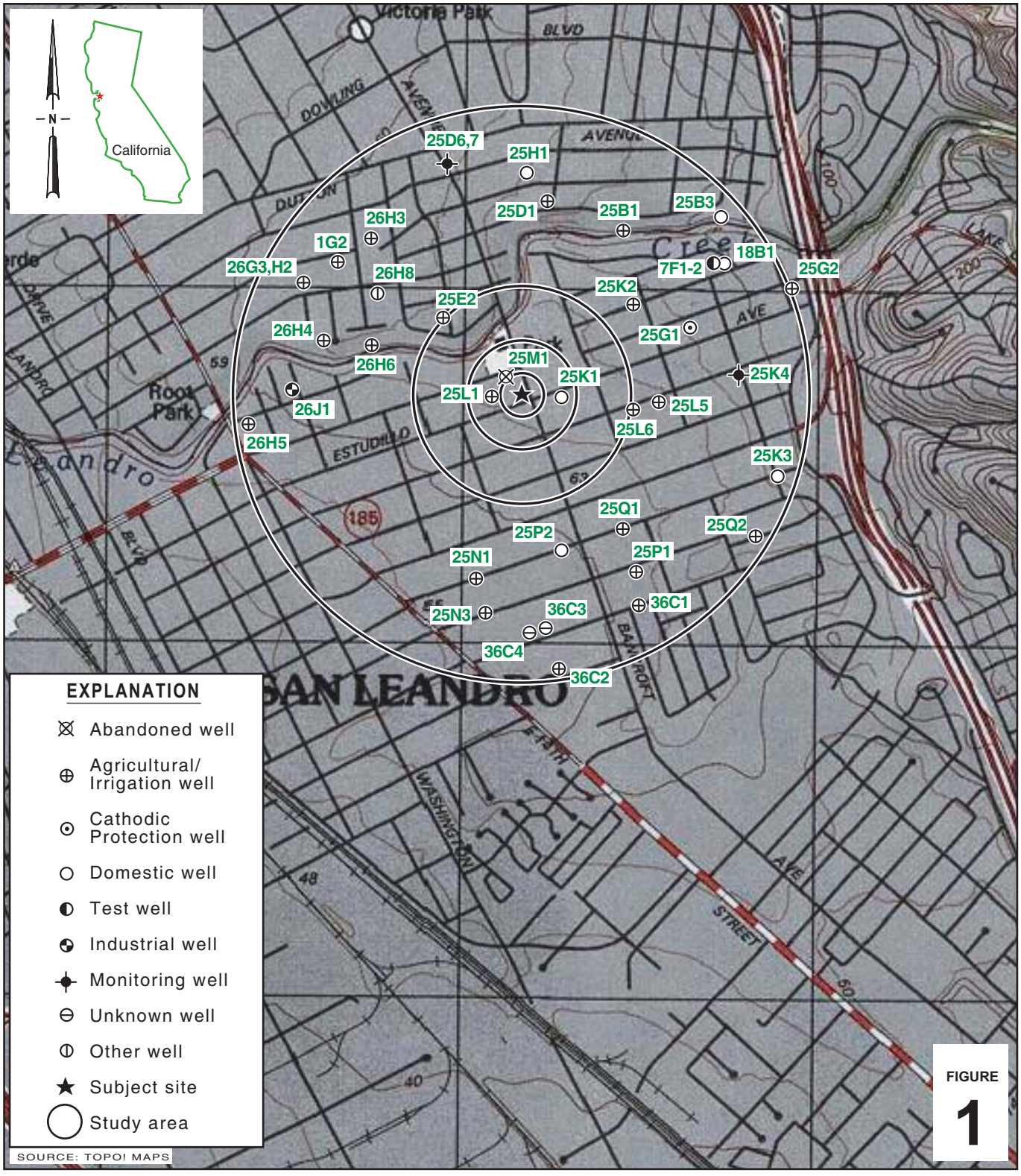
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Peter Schaefer, CEG, CHG

Aubrey K. Cool, PG

FIGURES

12/17/08



EXPLANATION

- Abandoned well
- Agricultural/ Irrigation well
- Cathodic Protection well
- Domestic well
- Test well
- Industrial well
- Monitoring well
- Unknown well
- Other well
- Subject site
- Study area

SOURCE: TOPO! MAPS

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

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Shell-branded Service Station

1285 Bancroft Avenue

San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

10/16/09

Site Plan

EXPLANATION

- SVP-1 — Soil vapor probe location (12/8-9/08)
- MW-1 — Destroyed monitoring well location
- MW-1A — Monitoring well location
- MW-1B — Deeper monitoring well location
- SB-16 — Soil boring location (11/16/07)
- CPT-1 — CPT boring location (11/14&16/07, 1/3/08)
- WO-1-11 — Soil sample location (7/19/06)
- IW-1 (25L1) — Irrigation well location
- D-1-4.0 — Dispenser soil sample location (1/31/05)
- SB-9 — Soil boring location (2/04)
- SB-1 — Soil boring location (8/03)
- SB-5 — Attempted soil boring location (8/03)
- B-1 — Soil vapor survey location (6/00)
- *E-1* — Confirmation soil sample location (WA, 10/9/95)
- D-1 — Soil sample location (WA, 10/4/95)
- BH-D — Soil boring location (WA, 1994)
- ❶ — Product dispenser number
- A — A' — Cross-section line

- Electrical line (E)
- Telecommunication line (T)
- Storm drain line (STM)
- Sanitary sewer line (SAN)
- Water line (W)

CALLAN AVENUE

BANCROFT AVENUE

ESTUDILLO AVENUE

Parking Lot
609 Callan

Apts.
599 Callan

Apts.
595 Callan

Apts.
597 Callan

Apts.
566 Estudillo

Apts.
572 Estudillo

Apts.
560 Estudillo

House
544 Estudillo

Building
1247 Bancroft

Shell Station
1285 Bancroft

Bancroft
Middle
School

Grass
Courtyard

Grass
Courtyard

Carport

Carport

Lawn

Lawn

Trash

Planter

Driveway

Sidewalk

Canopy

Dispensers

Former W/O UST

Former Dispenser Island (removed 1995)

USTs

Irrigation Well
(confirmed abandoned)
(25M1, 150')

Domestic Irrigation Well,
(25L1 (IW-1), 150')

Domestic Well,
confirmed not in use
(25K1, 390')

Domestic Well,
confirmed not in use
(25P2, 1,425')

Nearest Sensitive Receptors
Relative to Site

0 20 40 80

Scale (ft)

FIGURE

2

Shell-branded Service Station

1285 Bancroft Avenue
San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2405--\240504-San Leandro 1285 Bancroft\240504-FIGURES\240504 SITE PLAN.DWG

10/16/09

Groundwater Contour and Chemical Concentration Map

September 1, 2009

EXPLANATION

- MW-1 — Destroyed monitoring well location
- MW-1A — Monitoring well location
- MW-1B* — Deeper monitoring well location (not used in contouring)
- IW-1* (25L1) — Irrigation well location (not used in contouring)
- Product dispenser number
- x.xx — Groundwater flow direction and gradient
- xx.xx — Groundwater elevation contour, in feet above mean sea level (msl)
- Well / ELEV. / Benzene / MTBE — Well designation; Groundwater elevation, in feet above msl; Benzene and MTBE concentrations are in micrograms per liter

Notes:
ND = Not detected
NDa = Elevated reporting limit, see laboratory report for details
NS = Not sampled

CALLAN AVENUE

BANCROFT AVENUE

ESTUDILLO AVENUE

Parking Lot
609 Callan

Apts.
599 Callan

Grass
Courtyard

Apts.
595 Callan

Building
1247 Bancroft

Apts.
597 Callan

Carport

Lawn

Driveway

Planter

Trash

Canopy

Sidewalk

Shell Station
1285 Bancroft

Dispensers

USTs

Former W/O UST

Former Dispenser Island (removed 1995)

Apts.
566 Estudillo

Carport

Grass
Courtyard

Apts.
572 Estudillo

Apts.
560 Estudillo

House
544 Estudillo

Bancroft
Middle
School

Well	ELEV.	Benzene	MTBE
MW-7	26.12	ND	ND
IW-1*	26.00	ND	ND
MW-12	25.96	ND	ND
MW-4			
MW-3A	26.32	0.58	17
MW-6	26.40	68	140
MW-3			
MW-5	26.39	NDa	130
MW-2			
MW-2A	26.38	NDa	140
MW-9	26.32	27	45
MW-1			
MW-1B*	26.21	ND	ND
MW-1A	26.26	8.0	73
MW-8	26.19	ND	8.2
MW-10	DRY	NS	
MW-11	25.85	ND	ND

26.10

26.30

25.90

0.003

0 20 40 80
Scale (ft)

FIGURE
3

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2405--\240504-San Leandro 1285 Bancroft\240504-REPORTS\240504-RPT7-3Q09\240504 3QM09-GW.DWG

10/16/09

Benzene in Groundwater Isoconcentration Map

September 1, 2009

EXPLANATION

- MW-1 — Destroyed monitoring well location
- MW-1A — Monitoring well location
- MW-1B* — Deeper monitoring well location (not used in contouring)
- IW-1* (25L1) — Irrigation well location (not used in contouring)
- 1 — Product dispenser number
- 10 — Benzene isoconcentration contour, in micrograms per liter (µg/L)
- Well / Benz. — Well designation; Benzene concentrations are in µg/L

Notes:
ND = Not detected
NDa = Elevated reporting limit, see laboratory report for details
NS = Not sampled

CALLAN AVENUE

BANCROFT AVENUE

ESTUDILLO AVENUE

Parking Lot
609 Callan

Apts.
599 Callan

Grass
Courtyard

Apts.
595 Callan

Building
1247 Bancroft

Apts.
597 Callan

Carport

Lawn

Lawn

Apts.
566 Estudillo

Carport

Shell Station
1285 Bancroft

Dispensers

Canopy

Trash

Planter

Sidewalk

Driveway

Former W/O UST

Former Dispenser Island (removed 1995)

USTs

Bancroft Middle School

Grass
Courtyard

Apts.
572 Estudillo

Apts.
560 Estudillo

House
544 Estudillo

MW-7	ND
MW-4	
IW-1*	ND
MW-12	ND
MW-3A	0.58
MW-3	
MW-2	
MW-2A	NDa
MW-5	NDa
MW-6	68
MW-9	27
MW-1	
MW-1B*	ND
MW-1A	8.0
MW-8	ND
MW-10	NS
MW-11	ND

1.0

10

1.0

0 20 40 80

Scale (ft)

FIGURE

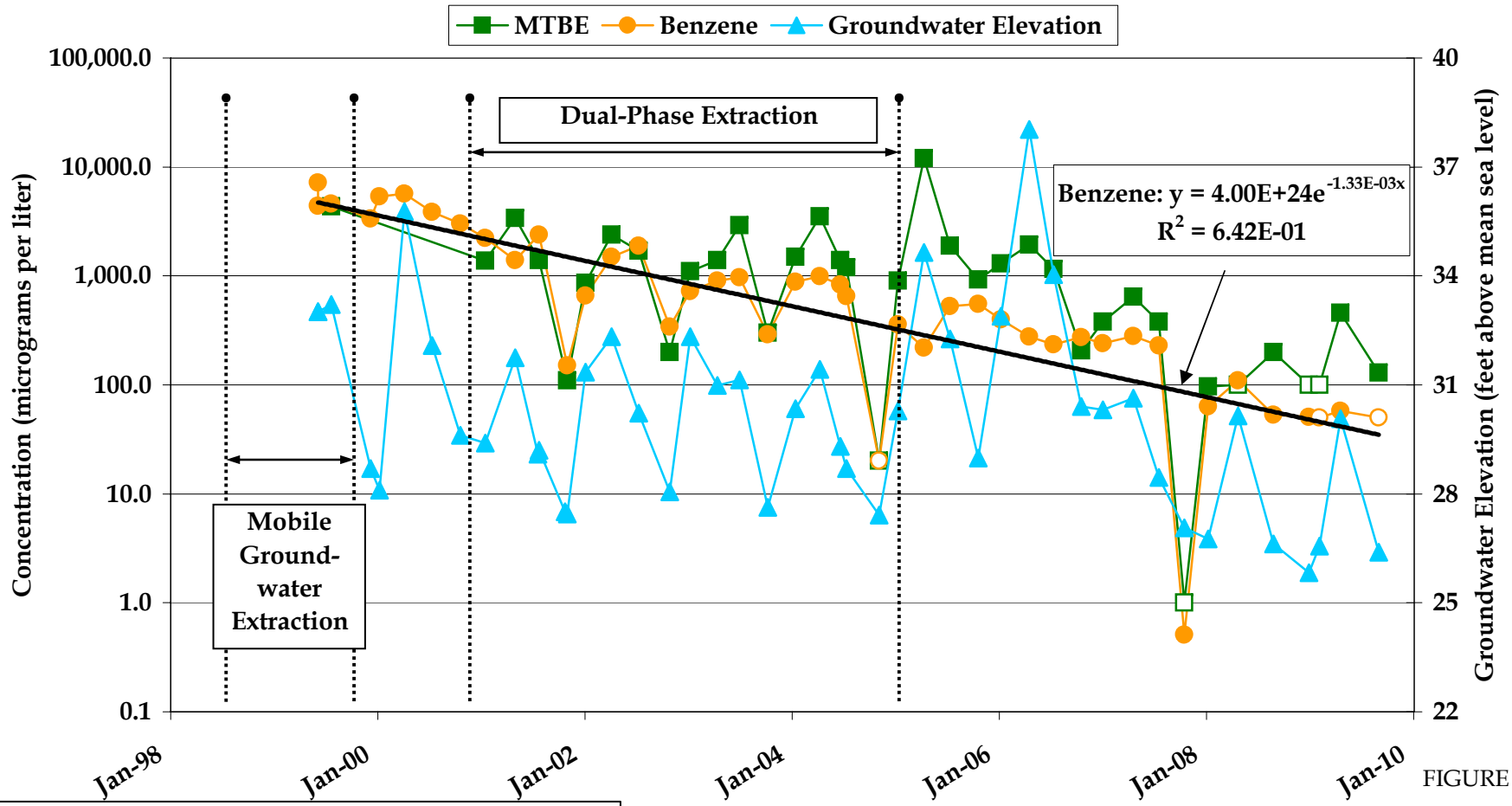
4

Shell-branded Service Station

1285 Bancroft Avenue
San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2405--\240504-San Leandro 1285 Bancroft\240504-REPORTS\240504-RPT6-SCM & CLOSURE REQUEST\240504 3QM09-BENZ.DWG



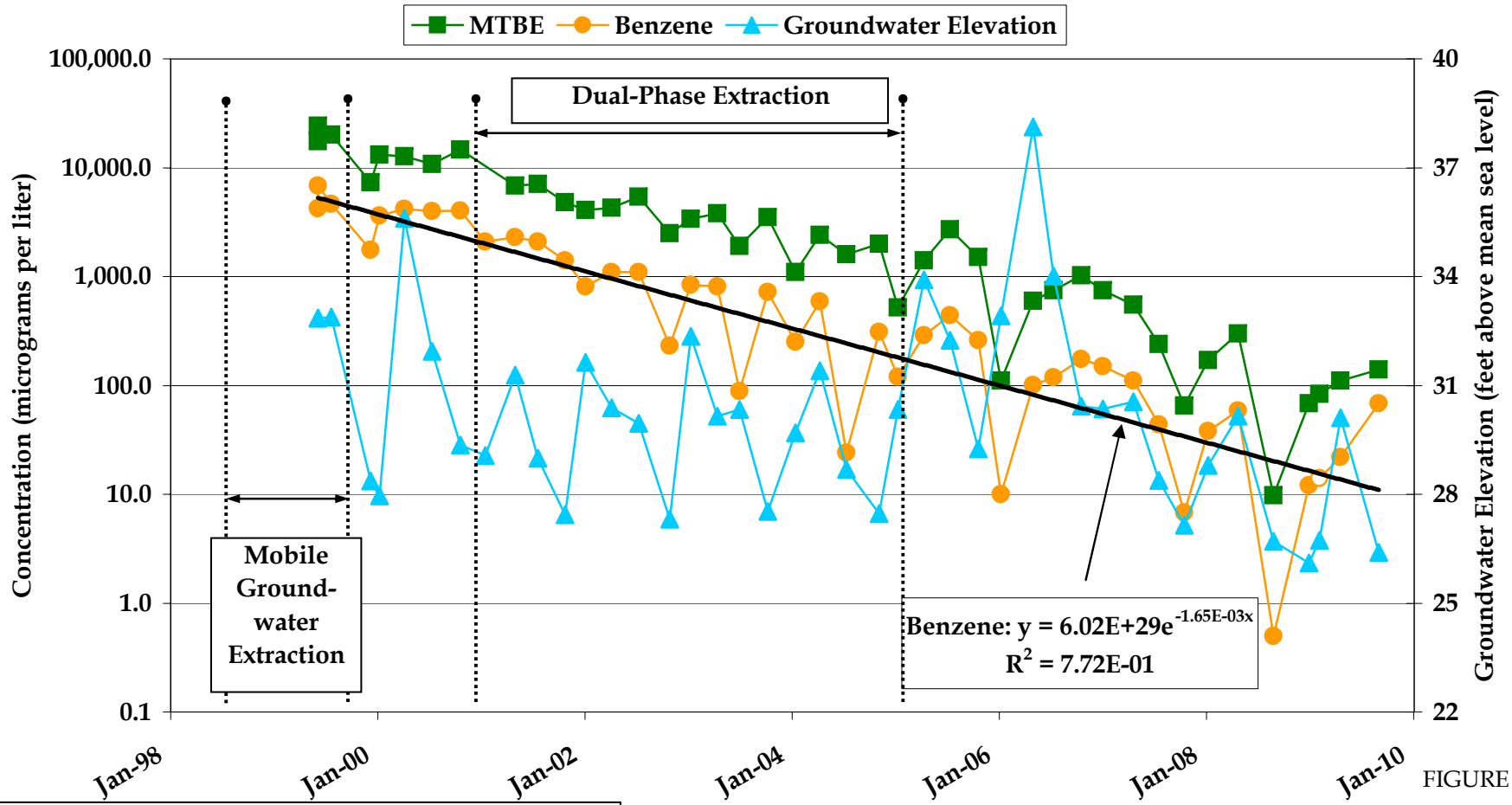
Note: Transparent data points were not detected. Reporting limit plotted.

FIGURE 5

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

CONESTOGA-ROVERS & ASSOCIATES

MW-5: MTBE and Benzene Concentrations and Groundwater Elevation versus Time



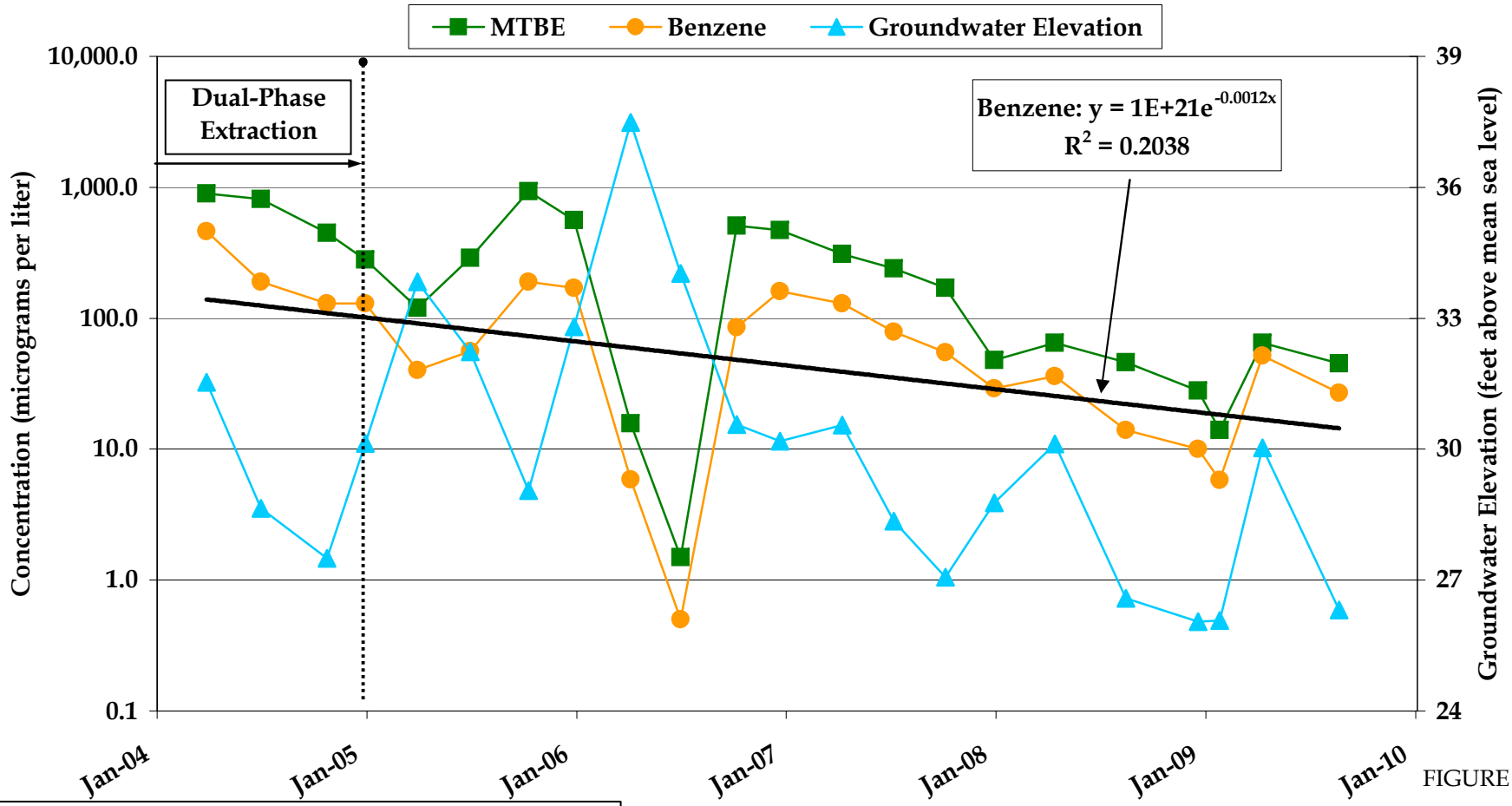
Note: Transparent data points were not detected. Reporting limit plotted.

FIGURE 6

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

CONESTOGA-ROVERS & ASSOCIATES

MW-6: MTBE and Benzene Concentrations and Groundwater Elevation versus Time



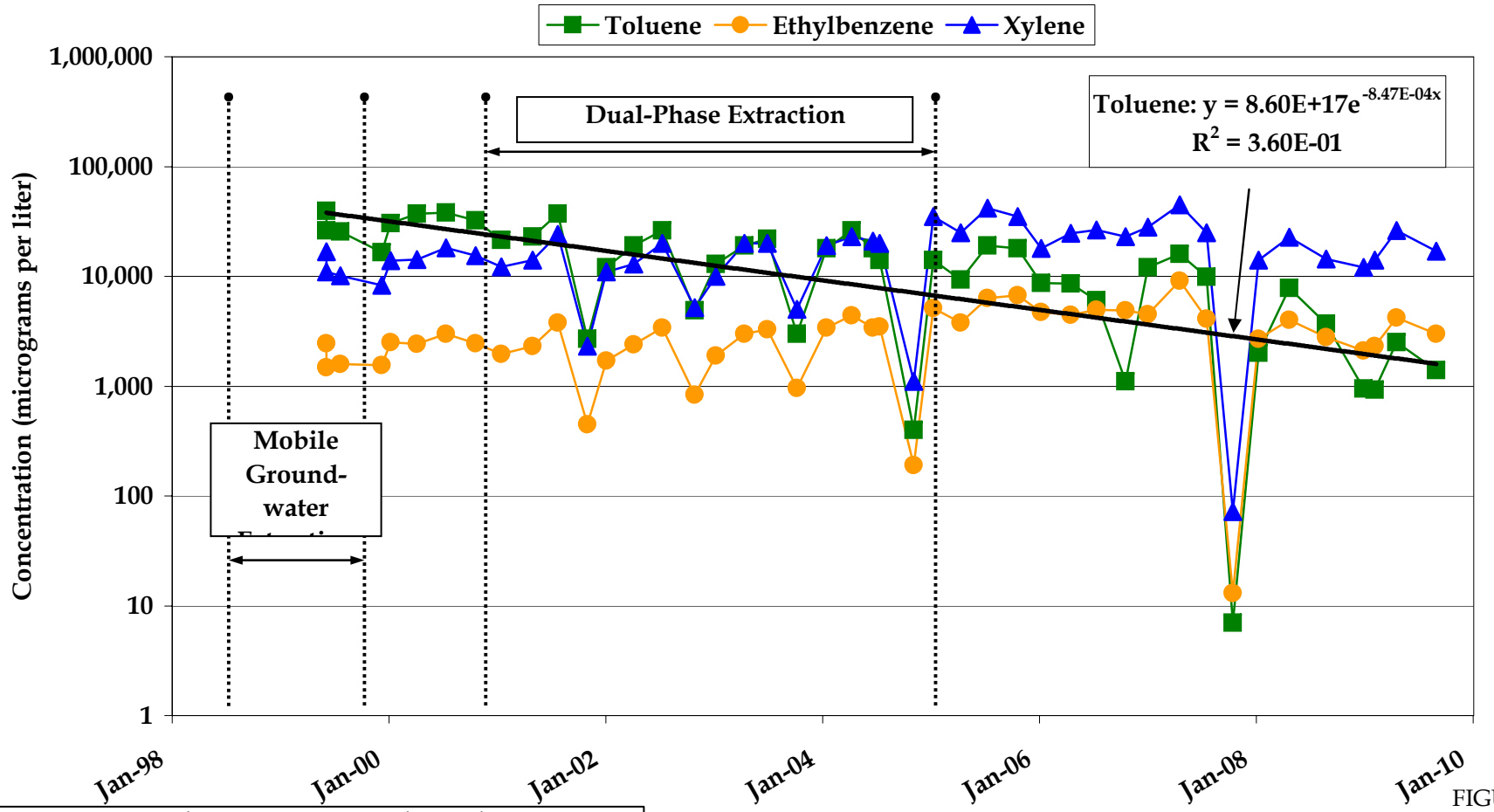
Note: Transparent data points were not detected. Reporting limit plotted.

FIGURE
7

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

CONESTOGA-ROVERS & ASSOCIATES

MW-9: MTBE and Benzene Concentrations and Groundwater Elevation versus Time



Note: Transparent data points were not detected. Reporting limit plotted.

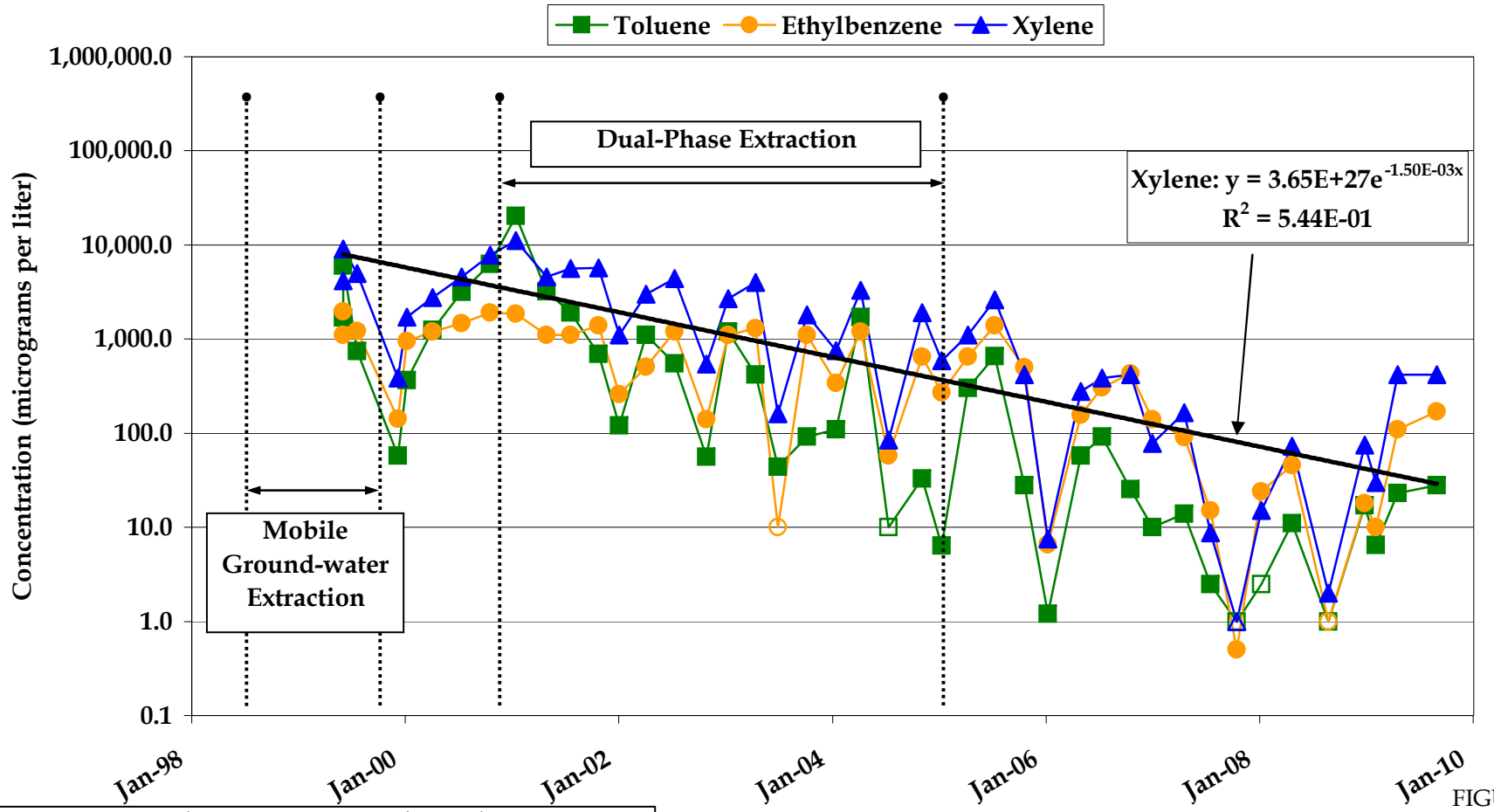
FIGURE

8

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

CONESTOGA-ROVERS & ASSOCIATES

MW-5: Toluene, Ethylbenezene, and Xylene Concentrations versus Time



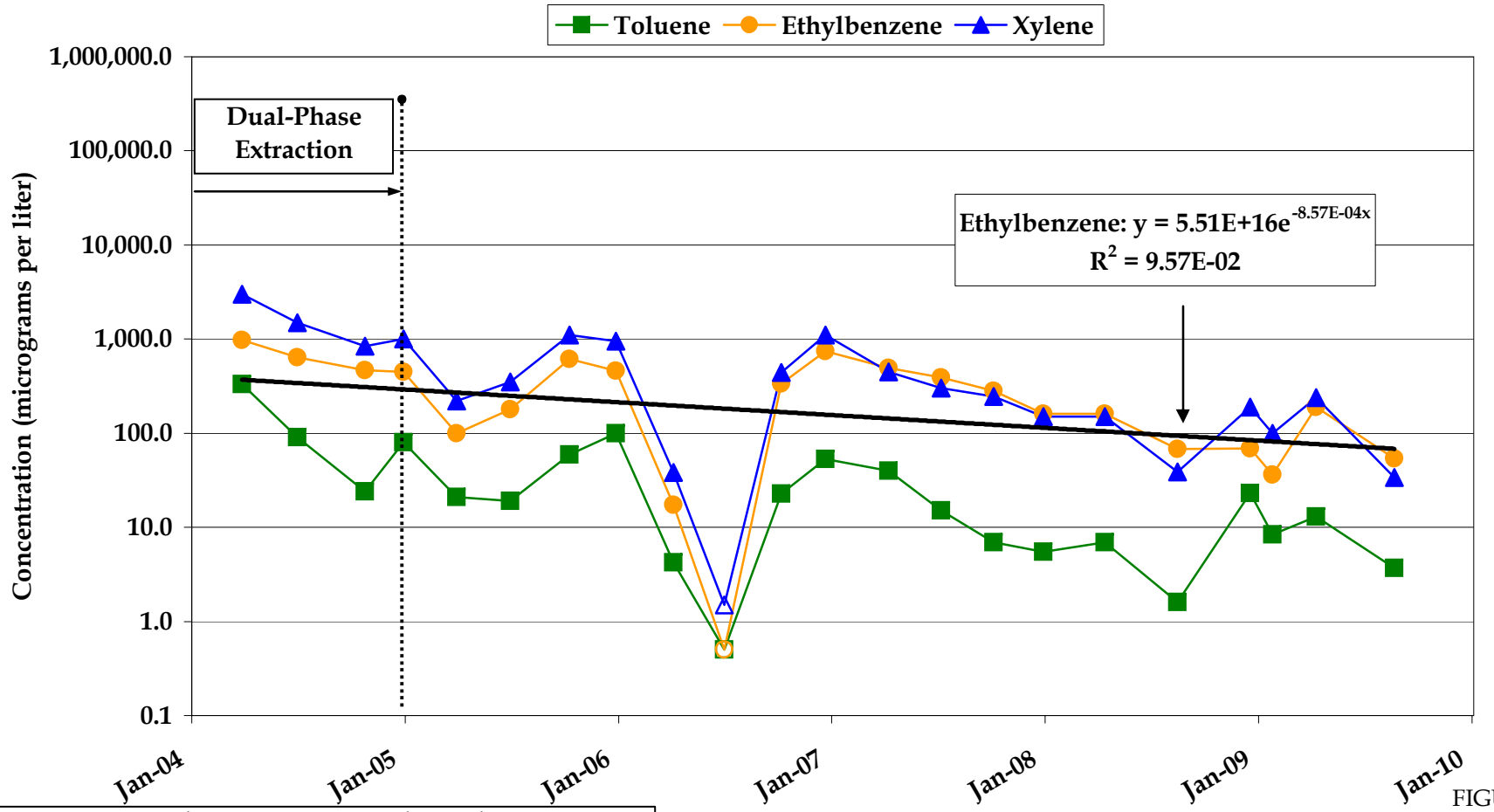
Note: Transparent data points were not detected. Reporting limit plotted.

FIGURE 9

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

CONESTOGA-ROVERS & ASSOCIATES

MW-6: Toluene, Ethylbenezene, and Xylene Concentrations versus Time



Note: Transparent data points were not detected. Reporting limit plotted.

FIGURE
10

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

CONESTOGA-ROVERS & ASSOCIATES

MW-9: Toluene, Ethylbenezene, and Xylene Concentrations versus Time

10/16Q/09

MTBE in Groundwater Isoconcentration Map

September 1, 2009

EXPLANATION

- MW-1 — Destroyed monitoring well location
- MW-1A — Monitoring well location
- MW-1B* — Deeper monitoring well location (not used in contouring)
- IW-1* (25L1) — Irrigation well location (not used in contouring)
- 1 — Product dispenser number
- 10 — MTBE isoconcentration contour, in micrograms per liter (µg/L)
- Well / MTBE — Well designation; MTBE concentrations are in µg/L

Notes:
ND = Not detected
NS = Not sampled

CALLAN AVENUE

BANCROFT AVENUE

ESTUDILLO AVENUE

Parking Lot
609 Callan

Apts.
599 Callan

Apts.
595 Callan

Grass Courtyard

Apts.
597 Callan

Carport

Lawn

Lawn

Building
1247 Bancroft

Planter

Driveway

Trash

Canopy

Sidewalk

Shell Station
1285 Bancroft

Dispensers

Carport

Apts.
566 Estudillo

Grass Courtyard

Apts.
572 Estudillo

Apts.
560 Estudillo

House
544 Estudillo

Driveway

USTs

Former W/O UST

Former Dispenser Island (removed 1995)

Bancroft Middle School

MW-7	ND
IW-1*	ND
MW-12	ND
MW-4	1.0
MW-3A	17
MW-3	
MW-2	
MW-2A	140
MW-5	130
MW-6	140
MW-1	
MW-9	45
MW-1B*	ND
MW-1A	73
MW-8	8.2
MW-10	NS
MW-11	ND

1.0 10 100 100 10 1.0

0 20 40 80
Scale (ft)

FIGURE
11

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

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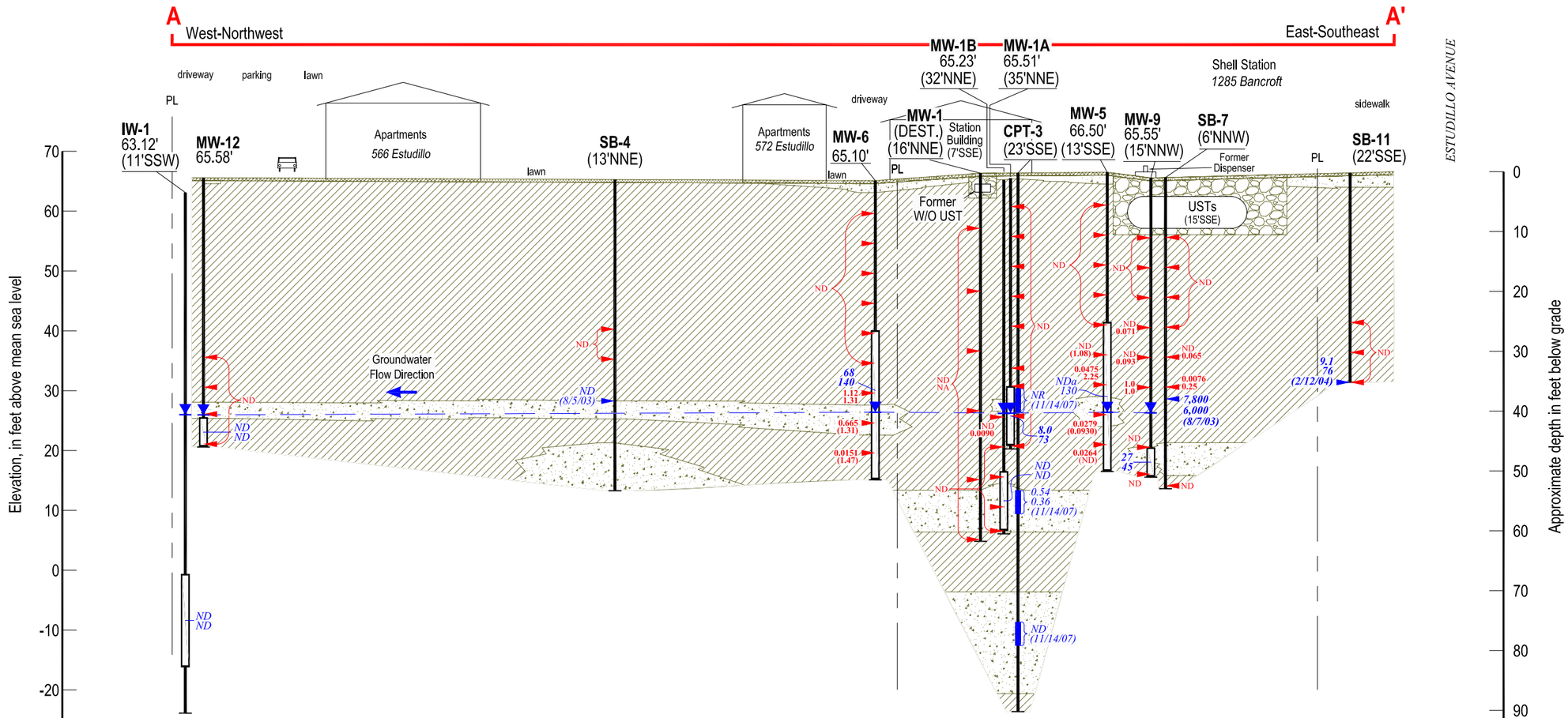
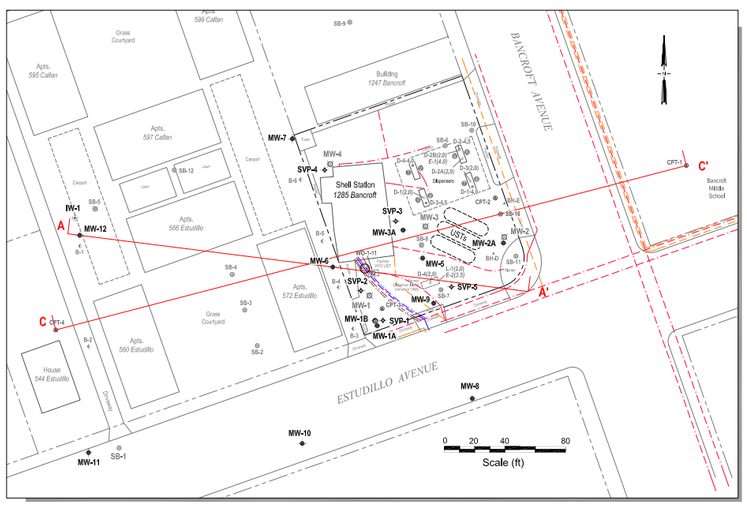
10/06/09

Geologic Cross Section A-A'





EXPLANATION

- = Fine-Grained Soils
- = Coarse-Grained Soils
- = Fill (Tank Pit)
- Approximate soil sample location
- Interval of discrete soil sample results (grouped for clarity)
- NA — Not analyzed
- ND — Benzene and MTBE not detected
- NDa — Not detected; elevated reporting limit
- Benzene / MTBE — Concentrations in soil, in mg/kg; (MTBE analyzed by EPA Method 8020 in parentheses, all others by EPA Method 8260 or NA)

- **Well ID** — Well designation
- Elev. — TOC elevation, in feet above msl
- (offset) — Offset distance and direction from cross-section line
- Groundwater monitoring well or soil boring
- Well screen interval
- Bottom of boring
- Benzene / MTBE — Concentrations in Groundwater, in µg/L (9/01/09)
- Depth of Groundwater (9/01/09)
- Inferred Groundwater Depth
- Benzene / MTBE (6/26/00) — Grab groundwater sample depth, concentrations in µg/L, and sample date
- Benzene / MTBE (6/26/00) — CPT groundwater sampling interval, concentrations in µg/L, and sample date
- NR — No Recovery

20
Scale (ft)
0
30

CONESTOGA-ROVERS & ASSOCIATES

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California

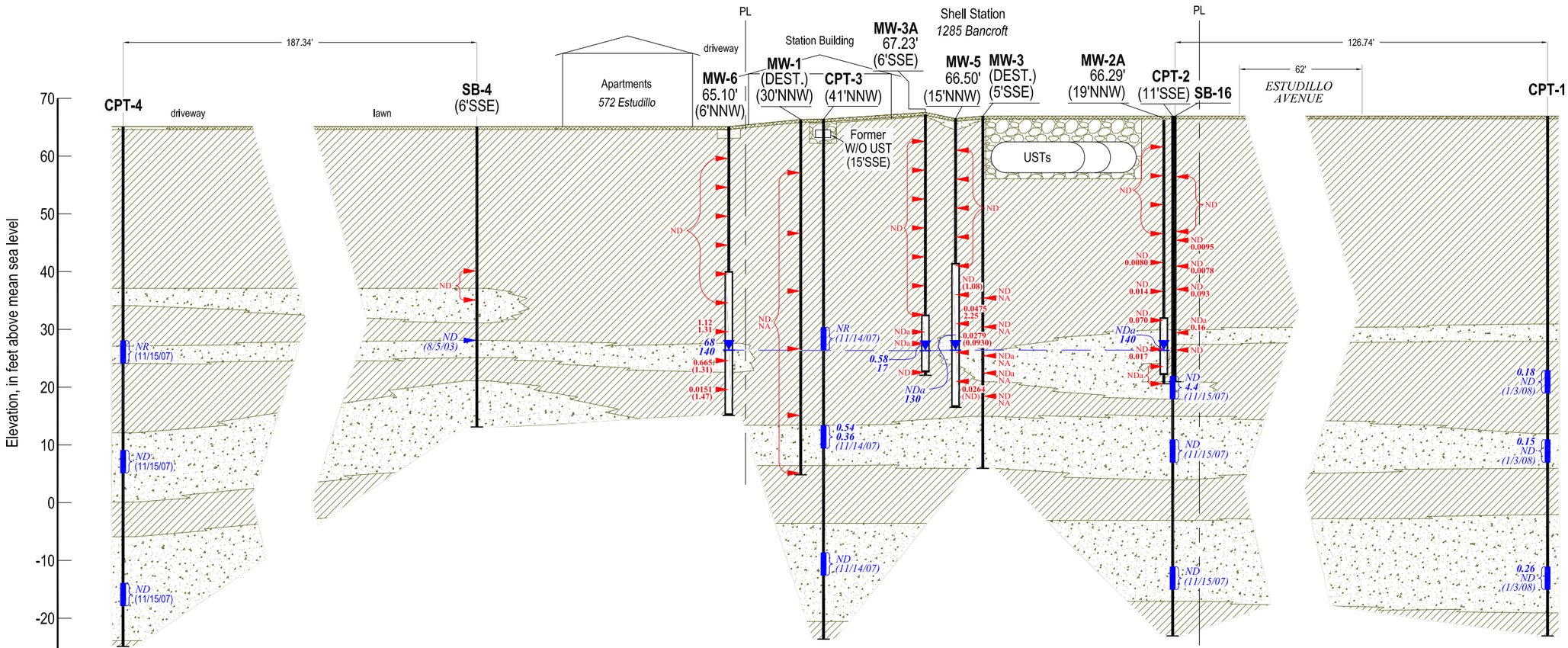
FIGURE
12

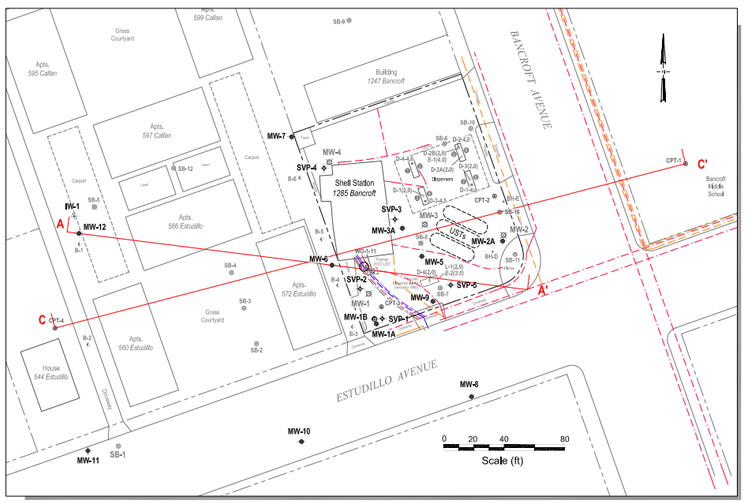
I:\Shell\6-chars\2405-\240504-San Leandro 1285 Bancroft\240504-FIGURES\240504 SITE PLAN (A-A').DWG

10/06/09

Geologic Cross Section C-C'

C West-Southwest — C' East-Northeast





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- (offset) — Offset distance and direction from cross-section line
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- Well screen interval
- Bottom of boring
- Benzene / MTBE — Concentrations in Groundwater, in µg/L (9/01/09)
- Depth of Groundwater (9/01/09)
- Inferred Groundwater Depth
- Benzene / MTBE (6/26/00) — Grab groundwater sample depth, concentrations in µg/L, and sample date
- Benzene / MTBE (6/26/00) — CPT groundwater sampling interval, concentrations in µg/L, and sample date
- NR — No Recovery

20
Scale (ft)
0 30

FIGURE
13

Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2405--1240504-San Leandro 1285 Bancroft\240504-FIGURES\240504 SITE PLAN (C-C').DWG

TABLES

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
BH-A (MW-1)	03/06/90	9.2	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	0.0020
BH-A (MW-1)	03/06/90	19.7	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.0020
BH-A (MW-1)	03/06/90	29.7	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.0020
BH-A (MW-1)	03/06/90	39.7	<1	1.6[b]	<0.0025	<0.0025	<0.0025	0.0057	---	---	<0.0020
BH-A (MW-1)	03/06/90	51.2	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	0.0045
BH-A (MW-1)	03/06/90	61.2	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	0.0043
BH-B (MW-2)	02/06/92	27.5	**1,500**	**1,000**[a]	<0.25	<0.25	0.82	6.9	---	---	<0.002
BH-B (MW-2)	02/06/92	31.5	12	---	<0.0025	<0.0025	0.0090	0.058	---	---	---
BH-B (MW-2)	02/06/92	36.5	71	16[a]	<0.025	<0.025	0.056	0.21	---	---	<0.002
BH-B (MW-2)	02/06/92	41.5	**3,500**	---	<1.25	<1.25	**19**	**46**	---	---	---
BH-B (MW-2)	02/06/92	44.5	**8,800**	**4,500**[a]	<2.5	<2.5	**72**	**170**	---	---	<0.002
BH-B (MW-2)	02/06/92	48.5	19	---	<0.025	<0.025	<0.025	0.092	---	---	---
BH-C (MW-3)	02/07/92	31.5	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
BH-C (MW-3)	02/07/92	36.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-C (MW-3)	02/07/92	41.5	64	---	<0.025	<0.025	<0.025	0.25	---	---	---
BH-C (MW-3)	02/07/92	44.5	45	29[a]	<0.025	<0.025	<0.025	0.25	---	---	<0.002
BH-C (MW-3)	02/07/92	48.5	15	---	<0.0025	<0.0025	<0.0025	0.60	---	---	---
BH-D	02/15/94	25.8	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-D	02/15/94	27.3	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-E	02/15/94	27.0	<1	<1	0.0075	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-E	02/15/94	28.8	<1	<1	0.015	<0.0025	<0.0025	<0.0025	---	---	<0.002

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
BH-F (MW-4)	02/16/94	15.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	20.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	25.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	30.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	35.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	40.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	45.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	50.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
BH-F (MW-4)	02/16/94	55.5	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	---	---	<0.002
D-1-2.0	10/04/95	2.0	1.1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
D-2A-2.0	10/04/95	2.0	130	---	<0.002	0.33	0.53	4.6	---	---	---
D-3-2.0	10/04/95	2.0	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
D-4-2.0	10/04/95	2.0	1.1	---	<0.0025	<0.0025	<0.0025	0.0063	---	---	---
L-1-2.0	10/04/95	2.0	10	---	0.31	0.49	<0.0025	1.4	---	---	---
E-1-4	10/09/95	4	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
E-2-3.5	10/09/95	3.5	<1	---	<0.0025	<0.0025	<0.0025	<0.0025	---	---	---
MW-5-5.5	05/18/99	5.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-5-10.5	05/18/99	10.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-5-15.5	05/18/99	15.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-5-20.5	05/18/99	20.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-5-25.5	05/18/99	25.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
MW-5-30.5	05/18/99	30.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	1.08	---	---
MW-5-35.5	05/18/99	35.5	1.91	---	0.0475	<0.00500	0.0172	0.0159	4.68	2.25	---
MW-5-40.5	05/18/99	40.5	10.5	---	0.0279	0.486	0.179	1.02	0.0930	---	---
MW-5-45.5	05/18/99	45.5	6.67	---	0.0264	0.0346	0.0298	**77.0**	<0.0500	---	---
MW-6-5.5	05/17/99	5.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-10.5	05/17/99	10.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-15.5	05/17/99	15.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-20.5	05/17/99	20.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-25.5	05/17/99	25.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-30.5	05/17/99	30.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-6-35.5	05/17/99	35.5	**273**	---	1.12	1.31	3.10	**14.2**	2.58	1.31	---
MW-6-40.5	05/17/99	40.5	96.1	---	0.665	1.07	1.25	5.51	1.31	---	---
MW-6-45.5	05/17/99	45.5	1.83	---	0.0151	0.0173	0.0141	0.0875	1.47	---	---
MW-7-5.5	05/17/99	5.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-10.5	05/17/99	10.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-15.5	05/17/99	15.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-20.5	05/17/99	20.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-25.5	05/17/99	25.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-30.5	05/17/99	30.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-35.5	05/17/99	35.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-40.5	05/17/99	40.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
MW-7-45.5	05/17/99	45.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
MW-8-5.5	05/19/99	5.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-10.5	05/19/99	10.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-15.5	05/19/99	15.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-20.5	05/19/99	20.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-25.5	05/19/99	25.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-30.5	05/19/99	30.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-35.5	05/19/99	35.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	---	---
MW-8-40.5	05/19/99	40.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	0.212	0.210	---
MW-8-45.5	05/19/99	45.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	0.0532	---	---
B-1-6.5	06/26/00	6.5	5.33	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-11.0	06/26/00	11.0	<1.00	---	<0.00500	<0.00500	<0.00500	0.00820	<0.0500	---	---
B-1-17.5	06/26/00	17.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-20.5	06/26/00	20.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-25.0	06/26/00	25.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-30.0	06/26/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-1-35.5	06/26/00	35.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	---	---
B-2-6.0	06/26/00	6.0	<1.00	---	<0.00500	<0.00500	<0.00500	0.00960	<0.00500	---	---
B-2-11.0	06/26/00	11.0	<1.00	---	<0.00500	<0.00500	<0.00500	0.00970	<0.00500	---	---
B-2-15.0	06/26/00	15.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-2-21.0	06/26/00	21.0	<1.00	---	<0.00500	<0.00500	<0.00500	0.00890	<0.00500	---	---
B-2-25.5	06/26/00	25.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-2-30.0	06/26/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
B-3-5.0	06/27/00	5.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-11.0	06/27/00	11.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-15.0	06/27/00	15.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-21.0	06/27/00	21.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-25.0	06/27/00	25.0	<1.00	---	<0.00500	0.00730	<0.00500	<0.00500	<0.00500	---	---
B-3-30.0	06/27/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-3-34.5	06/27/00	34.5	3.03	---	0.0520	0.0228	0.0523	0.0333	0.436	0.120	---
B-4-7.0	06/27/00	7.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-11.0	06/27/00	11.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-15.0	06/27/00	15.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-20.0	06/27/00	20.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-25.0	06/27/00	25.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-30.0	06/27/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-4-35.0	06/27/00	35.0	<1.00	---	0.0422	<0.00500	0.0152	<0.00500	0.162	0.243	---
B-5-7.0	06/27/00	7.0	<1.00	---	<0.00500	0.00750	<0.00500	<0.00500	<0.00500	---	---
B-5-10.5	06/27/00	10.5	21.5	---	<0.00500	0.430	<0.00500	<0.00500	<0.00500	---	---
B-5-15.0	06/27/00	15.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-5-21.0	06/27/00	21.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-5-25.0	06/27/00	25.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-5-30.0	06/27/00	30.0	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	---	---
B-5-34.5	06/27/00	34.5	<1.00	---	<0.00500	<0.00500	<0.00500	<0.00500	0.135	0.0425	---
B-5-38.5	06/27/00	38.5	2.82	---	0.0398	0.0142	0.0744	0.299	0.251	0.0536	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
B-6-6.5	06/27/00	6.5	<1.00	—	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	—	—
B-6-10.5	06/27/00	10.5	3.92	—	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	—	—
B-6-16.5	06/27/00	16.5	<1.00	—	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	—	—
B-6-20.5	06/27/00	20.5	<1.00	—	<0.00500	0.00950	<0.00500	0.00700	<0.00500	—	—
B-6-25.0	06/27/00	25.0	<1.00	—	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	—	—
B-6-30.0	06/27/00	30.0	<1.00	—	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	—	—
B-6-35.5	06/27/00	35.5	<1.00	—	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	—	—
SB-1-31'	08/04/03	31	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-1-33'	08/04/03	33	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-1-35'	08/04/03	35	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-1-40'	08/04/03	40	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-1-45'	08/04/03	45	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-1-47.5'	08/04/03	47.5	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-2-25'	08/05/03	25	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-2-30'	08/05/03	30	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-2-32'	08/05/03	32	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-2-35'	08/05/03	35	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-2-37'	08/05/03	37	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-2-40'	08/05/03	40	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-2-45'	08/05/03	45	<1.0	—	<0.0050	0.012	<0.0050	0.023	—	0.088	—
SB-2-50'	08/05/03	50	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	0.050	—
SB-3-25'	08/05/03	25	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
SB-3-30'	08/05/03	30	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-3-35'	08/05/03	35	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-3-37'	08/05/03	37	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-3-40'	08/05/03	40	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-3-45'	08/05/03	45	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-3-50'	08/05/03	50	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-4-25'	08/05/03	25	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-4-30'	08/05/03	30	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-5[c]	08/05/03	—	—	—	—	—	—	—	—	—	—
SB-6-15'	08/07/03	15	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-6-20'	08/07/03	20	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-6-25'	08/07/03	25	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-6-30'	08/07/03	30	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-6-35'	08/07/03	35	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	0.0087	—
SB-6-37'	08/07/03	37	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-6-40'	08/07/03	40	5.5	—	<0.0050	<0.0050	0.022	<0.0050	—	0.036	—
SB-6-45'	08/07/03	45	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	0.0063	—
SB-6-50'	08/07/03	50	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-7-10'	08/07/03	10	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-7-15'	08/07/03	15	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—
SB-7-20'	08/07/03	20	<1.0	—	<0.0050	<0.0050	<0.0050	<0.0050	—	<0.0050	—

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
SB-7-25'	08/07/03	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-7-30'	08/07/03	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.065	---
SB-7-35'	08/07/03	35	2.2	---	0.0076	<0.0050	0.014	0.017	---	0.25	---
SB-7-51.5'	08/07/03	51.5	<1.0	---	<0.0050	<0.0050	<0.0050	0.016	---	<0.0050	---
SB-8[c]	08/05/03	---	---	---	---	---	---	---	---	---	---
SB-9-30'	02/12/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-9-35'	02/12/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-10-25'	02/12/04	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-10-30'	02/12/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-10-35'	02/12/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-11-25'	02/11/04	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-11-30'	02/11/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-11-35'	02/11/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-12-25'	02/13/04	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
SB-12-30'	02/13/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-9-10'	02/11/04	10	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-9-15'	02/11/04	15	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-9-20'	02/11/04	20	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-9-25'	02/11/04	25	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.071	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
MW-9-30'	02/11/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.093	---
MW-9-35'	02/11/04	35	**820**	---	1.0	2.3	**12**	**84**	---	1.0	
MW-9-45'	02/11/04	45	<1.0	---	<0.0050	<0.0050	0.0081	0.042	---	<0.0050	---
MW-9-49.5	02/11/04	49.5	<1.0	---	<0.0050	0.0061	0.0093	0.049	---	<0.0050	---
MW-10-30'	02/10/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-10-35'	02/10/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-10-39.5'	02/10/04	39.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.017	---
MW-11-30'	02/10/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-11-35'	02/10/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-11-40'	02/10/04	40	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-11-44.5'	02/10/04	44.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-12-30'	02/12/04	30	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-12-35'	02/12/04	35	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-12-39.5	02/12/04	39.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
MW-12-44.5	02/12/04	44.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
D-1-4.0	01/31/05	4.0	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
D-2-4.5	01/31/05	4.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
D-3-4.5	01/31/05	4.5	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---
D-4-4.0	01/31/05	4.0	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0088	---
WO-1-11	07/19/06	11	<1.0	1.5	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
SB-16-10.5	11/16/07	10.5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
SB-16-20	11/16/07	20	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
SB-16-21.5	11/16/07	21.5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0095 [f]	---
SB-16-26	11/16/07	26	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0078 [f]	---
SB-16-30	11/16/07	30	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.093 [f]	---
SB-16-37.5	11/16/07	37.5	19	---	<0.12	<0.12	0.86	3.1	---	0.16 [f]	---
SB-16-40.5	11/16/07	40.5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
SVP-1@5'	12/08/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
SVP-2@5'	12/08/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
SVP-3@5'	12/09/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
SVP-4@5'	12/08/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
SVP-5@5'	12/09/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1A@5'	12/11/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1A@10'	12/11/08	10	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1A@15'	12/11/08	15	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1A@20'	12/11/08	20	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1A@25'	12/11/08	25	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1A@32'	12/11/08	32	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
MW-1A@35'	12/11/08	35	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1A@40'	12/11/08	40	180	---	<1.0	<1.0	1.2	1.1	---	<1.0 [f]	---
MW-1A@45'	12/11/08	45	2.1	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1B@41'	12/11/08	41	<50	---	<0.0050	<0.0050	<0.0050	0.011	---	0.0090 [f]	---
MW-1B@48'	12/11/08	48	1.6	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1B@53'	12/11/08	53	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-1B@60'	12/11/08	60	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-2A-5	12/13/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-2A-10	12/13/08	10	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-2A-15	12/13/08	15	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-2A-20	12/13/08	20	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-2A-25	12/13/08	25	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.0080 [f]	---
MW-2A-30	12/13/08	30	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	0.014 [f]	---
MW-2A-35	12/13/08	35	<50	---	<0.0050	<0.0050	0.013	0.0093	---	0.070 [g]	---
MW-2A-40	12/13/08	40	68	---	<0.0050	<0.0050	0.024	0.0066	---	0.017 [f]	---
MW-2A-43	12/13/08	43	540	---	<1.0	<1.0	2.1	2.2	---	<1.0 [f]	---
MW-2A-46	12/13/08	46	270	---	<0.50	<0.50	<0.50	<0.50	---	<0.50 [f]	---
MW-3A@5	12/12/08	5	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-3A@10	12/12/08	10	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-3A@15	12/12/08	15	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-3A@20	12/12/08	20	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-3A@25	12/12/08	25	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*
MW-3A@30	12/12/08	30	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-3A@35	12/12/08	35	1.6	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
MW-3A@38	12/12/08	38	<50	---	<0.50	<0.50	<0.50	0.53	---	<0.50 [f]	---
MW-3A@40	12/12/08	40	300	---	<0.50	<0.50	3.5	4.9	---	<0.50 [f]	---
MW-3A@45	12/12/08	45	<0.50	---	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050 [f]	---
Shallow Soil (≤10 fbg) ESL [d]:			180	180	0.27	9.3	4.7	11	8.4	8.4	0.95
Deep Soil (>10 fbg) ESL [e]:			180	180	2.0	9.3	4.7	11	8.4	8.4	17

Abbreviations:

All results in miligrams per kilogram (mg/kg) unless otherwise indicated.

TPHg = Total petroleum hydrocarbons as gasoline. Prior to August 7, 2003, samples analyzed by modified EPA Method 8015; subsequently analyzed by EPA Method 8260B.

TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method 8015

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8020 or EPA Method 8260B.

PCE = Tetrachloroethene analyzed by EPA Method 8010.

fbg = Feet below grade.

<x = Not detected at reporting limit x

--- = Not analyzed.

ESL = Environmental screening level

Notes:

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA Method 8020 prior to August 7, 3003; subsequently analyzed by EPA Method 8260B.

TABLE 1

HISTORICAL SOIL ANALYTICAL DATA FOR TPHg, TPHd, BTEX, MTBE, AND PCE
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*TPHg*	*TPHd*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE (EPA 8020)*	*MTBE (EPA 8260)*	*PCE*

Selected samples from soil borings BH-A through BH-F were analyzed for petroeum oil and grease by American Public Health Association (APHA) Standard Method 503E
Data in **BOLD** equals or exceeds applicable ESL

a = Laboratory reported that the detected compound is a hydrocarbon lighter than diesel.
b = No total petroleum hydrocarbons as motor oil detected at modified EPA method 8015 detection limit of 10 ppm
c = Boring attempted however not feasible due to subsurface or overhead obstruction
d = San Francisco Bay Regional Water Quality Control Board commercial/industrial Environmental Screening Level for shallow soil (≤10fbg) where groundwater is not a source of drinking water (Table B of Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).
e = San Francisco Bay Regional Water Quality Control Board commercial/industrial Environmental Screening Level for deep soil (>10 fbg) where groundwater is not a source of drinking water (Table D of Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).
f = Soil sample also analyzed for fuel oxygenates tertiary-butyl alcohol, di isopropyl ether, ethyl-tertiary-butyl ether, and tertiary-amyl-methyl ether. None were detected in any of the soil samples.
g = Soil sample also analyzed for fuel oxygenates tertiary-butyl alcohol, (TBA), di isopropyl ether, ethyl-tertiary-butyl ether, and tertiary-amyl-methyl ether. TBA was detected at a concentration of 0.053 mg/kg.

TABLE 2

HISTORICAL SOIL ANALYTICAL DATA FOR OTHER PARAMETERS
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (fbg)*	*O&G*	*Methylene Chloride*	*Chlorinated Hydro-carbons*	*Cd*	*Cr*	*Pb*	*Ni*	*Zn*	*PNAs*	*PCP*	*Creosote*	*PCBs*
W0-1-11	7/19/2006	11	64	0.075	ND	<0.500	29.6	8.18	40.0	75.4	ND	<2.5	<0.40	<0.050
Deep Soil (>10 fbg) ESL [a]:			1,000	0.077	Varies	38	58	750	1,000	2,500	Varies	5.3	--	6.3

Notes:

All results in miligrams per kilogram (mg/kg) unless otherwise indicated.
O&G = Oil and grease by EPA Method 1664 A (Modified)
Chlorinated hydrocarbons by EPA Method 8260B; see laboratory analytical report for a complete list of specific constituents
Cd = Cadmium by EPA Method 6010B
Cr = Chromium by EPA Method 6010B
Pb = Lead by EPA Method 6010B
Ni = Nickel by EPA Method 6010B
Zn = Zinc by EPA Method 6010B
PNAs = Polynuclear aromatics by EPA Method 8270C; see laboratory analytical report for a complete list of specific constituents
PCP = Pentachlorophenol by EPA Method 8270C
Creosote analyzed by EPA Method 8270C. It is reported as a combination of naphthalene, acenaphthylene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, 1-methylnaphthalene, and 2-methylnaphthene.
PCBs = Polychlorinated biphenyls by EPA Method 8082; see laboratory analytical report for a complete list of specific constiuents
<x = Not detected at reporting limit x
ESL = No applicable ESL
--- = Not analyzed.
Data in **BOLD** equals or exceeds applicable ESL

a = San Francisco Bay Regional Water Quality Control Board commercial/industrial Environmental Screening Level for soil where groundwater is not a source of drinking water (Table D of Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

TABLE 3

HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA FOR TPHG, BTEX, FUEL OXYGENATES, LEAD SCAVENGERS, AND ETHANOL
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Depth (feet)*	*TPHg*	*Benzene*	*Toluene*	*Ethyl-benzene*	*Total Xylenes*	*MTBE*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*	*Ethanol*
B-1-W	6/26/2000	---	<50	<0.050	<0.050	<0.050	<0.050	<2.50	NA	NA	NA	NA	NA	NA	NA
B-2-W	6/26/2000	---	<50	<0.050	<0.050	<0.050	<0.050	<2.50	NA	NA	NA	NA	NA	NA	NA
SB-1-W	8/4/2003	37.7	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<2.0	<2.0	<2.0	<0.50	<0.50	<50
SB-2-W	8/5/2003	38	<5,000	<50	<50	<50	<100	**2,000**	<500	<200	<200	<200	<50	<50	<5,000
SB-3-W	8/5/2003	37	63	<0.50	<0.50	<0.50	3.6	3.5	<5.0	<2.0	<2.0	<2.0	<0.50	<0.50	<50
SB-4-W	8/5/2003	37	<50	<0.50	<0.50	<0.50	1.7	<0.50	<5.0	<2.0	<2.0	<2.0	<0.50	<0.50	<50
SB-6-W	8/7/2003	37	**3,800**	5.1	<0.50	12	2.1	58	<5.0	<2.0	<2.0	<2.0	<0.50	<0.50	<50
SB-7-W	8/7/2003	38	**1,200,000**	**7,800**	**38,000**	**20,000**	**130,000**	**6,000**	<10,000	<4,000	<4,000	<4,000	<1,000	<1,000	<1,000,000
SB-9-W	2/12/2004	---	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	NA	NA	NA
SB-10-W	2/12/2004	---	**1,100**	<2.5	<2.5	<2.5	<5.0	<2.5	NA	NA	NA	NA	NA	NA	NA
SB-11-W	2/12/2004	---	**2,600**	9.1	<5.0	<5.0	<10	76	NA	NA	NA	NA	NA	NA	NA
CPT-1-44-48	1/3/2008	44-48	<50	0.18	<1.0	<1.0	<1.0	<1.0	<10	<2	<2	<2	<0.50	<1.0	<100
CPT-1-56-60	1/3/2008	56-60	<50	0.15	<1.0	<1.0	<1.0	<1.0	<10	<2	<2	<2	<0.50	<1.0	<100
CPT-1-78-82	1/3/2008	78-82	<50	0.26	<1.0	<1.0	<1.0	<1.0	<10	<2	<2	<2	<0.50	<1.0	<100
CPT-2-45-49	11/15/2007	45-49	<50	<0.50	<1.0	17	50	4.4	<10	<2	<2	<2	<0.50	<1.0	<100
CPT-2-56-60	11/15/2007	56-60	**15,000**	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2	<2	<2	<0.50	<1.0	<100
CPT-2-75-79	11/15/2007	75-79	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2	<2	<2	<0.50	<1.0	<100
CPT-3-53-57	11/14/2007	53-57	100	0.54	0.56	3.5	16.6	0.36	<10	<2	<2	<2	<0.50	<1.0	<100
CPT-3-75-79	11/14/2007	75-79	84	<0.50	<1.0	0.97	5.1	<1.0	<10	<2	<2	<2	<0.50	<1.0	<100
CPT-4-56-60	11/15/2007	56-60	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2	<2	<2	<0.50	<1.0	<100
CPT-4-79-83	11/15/2007	79-83	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2	<2	<2	<0.50	<1.0	<100
Groundwater (≥10 fbg) ESL [a]:			**180**	**46**	**130**	**43**	**100**	**1,800**	**18,000**	**—**	**—**	**—**	**150**	**150**	**—**

TABLE 3

HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA FOR TPHG, BTEX, FUEL OXYGENATES, LEAD SCAVENGERS, AND ETHANOL
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

Notes:

All results in micrograms per liter (µg/l) unless otherwise indicated.
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B
Benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butanol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
1,2-DCA = 1,2 Dichloroethane analyzed by EPA Method 8260B
EDB = Ethylene dibromide (1,2-dibromoethane) analyzed by EPA Method 8260B
Ethanol analyzed by EPA Method 8260B
<x = Not detected at reporting limit x
NA = Not analyzed
ESL = Environmental screening level
--- = No applicable ESL
Results in **bold** meet or exceed ESL

a = San Francisco Bay Regional Water Quality Control Board ESL for groundwater where groundwater is not a source of drinking water (Tables B and D of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater* , California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

TABLE 4

HISTORICAL WELL CONCENTRATIONS AND GRAB GROUNDWATER ANALYTICAL DATA FOR ADDITIONAL VOCS
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE, SAN LEANDRO, CALIFORNIA

Sample ID	Date	Acetone	sec-Butylbenzene	n-Butylbenzene	Carbon Disulfide	Chloroform	cis-1,2-Dichloroethene	Isopropylbenzene	PCE	TCE	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Naphthalene	p-Isopropyltoluene	n-Propylbenzene	Styrene	1,1,2,2 Tetrachloroethane	1,1,2 Trichloroethane	Methylene Chloride	Trichlorofluoro-methane	Bromodichloro-methane
MW-1	10/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	1.82	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	1.6	<0.50	NA	5.2	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	<1.0	<1.0	<10	1.9	<1.0	<1.0	5.7	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	<50	<1.0	<1.0	<10	1.9	<1.0	<1.0	3.7	<1.0	<1.0	<1.0	<10	<1.0	0.17 c	<1.0	<1.0	<1.0	<10	<10	<1.0
	10/17/2007	<50	<1.0	<1.0	<10	2.4	<1.0	<1.0	4.8	<1.0	<1.0	0.28 c	1.6 c	<1.0	0.47 c	<1.0	<1.0	<1.0	5.7 b,c	<10	<1.0
	1/10/2008	<5.0	<0.50	<0.50	<0.50	2.0	<0.50	0.33 c	6.3	<0.50	<0.50	0.79	1.4	<0.50	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-2	10/19/2006	<50.0	4.05	3.62	<0.500	<0.500	2.66	29.9	3.14	<0.500	19.0	126	**107**	<0.500	57.0	<100	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	0.92	1.3	NA	3.6	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	2.0	1.5	<10	1.6	1.6	13	4.7	0.57	13	100	**57**	0.50	33	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	<50	0.78 c	0.96 c	<10	1.2	0.73 c	5.0	3.6	<1.0	4.3	30	15	0.56 c	8.2	<1.0	<1.0	<1.0	<10	<10	<1.0
	10/17/2007	<50	<1.0	<1.0	<10	1.5	<1.0	0.70 c	4.6	0.43 c	0.69 c	2.8	1.5 c	<1.0	0.88 c	<1.0	<1.0	<1.0	5.1 c	<10	<1.0
	1/10/2008	24	1.5	1.9	<0.50	1.5	<0.50	13	5.2	<0.50	9.7	83	**31**	1.0	23	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-3	10/19/2006	<50.0	3.65	12.6	<0.500	<0.500	0.750	20.7	3.78	<0.500	107	365 a	**56.7**	5.51	49.0	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	0.73	<0.50	NA	3.5	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	0.41 c	0.50 c	<10	1.5	<1.0	0.69 c	4.8	<1.0	4.8	19	2.2 c	<1.0	2.1	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	<50	0.44 c	0.44 c	<10	1.4	<1.0	5.0	3.0	<1.0	0.91 c	2.3	1.5	<1.0	0.92 c	<1.0	<1.0	<1.0	<10	<10	<1.0
	10/17/2007	<50	<1.0	<1.0	<10	1.7	<1.0	<1.0	4.0	<1.0	0.38 c	1.1	0.75 c	<1.0	0.29 c	<1.0	<1.0	<1.0	5.4 c	<10	<1.0
	1/10/2008	<5.0	<0.50	<0.50	<0.50	1.6	<0.50	0.12 c	5.2	<0.50	1.4	3.9	<0.50	<0.50	0.57	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-4	10/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	1.64	<0.500	<0.500	1.26	<5.00	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	<0.50	<0.50	NA	1.7	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	<1.0	<1.0	<10	0.32 c	<1.0	<1.0	2.0	0.33 c	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	<50	<1.0	<1.0	<10	0.32 c	<1.0	<1.0	0.93 c	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	10/17/07	<50	<1.0	<1.0	<10	0.48 c	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	5.0 c	<10	<1.0
	1/10/08	<5.0	<0.50	<0.50	<0.50	0.38 c	<0.50	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-5	10/19/2006	<50.0	14.4	59.5	<0.500	<0.500	<0.500	107	<0.500	<0.500	495 a	873 a	**995 b**	30.8	341	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	<2.5	<2.5	NA	<2.5	<2.5	NA	NA	NA	NA	NA	NA	<2.5	<2.5	<25	<2.5	<2.5
	4/20/2007	<500	27	150	<100	7.0 c	<10	130	<10	<10	1,100	14,000	**1,200**	14	460	<10	<10	<10	<100	<100	<10
	7/19/2007	<10,000	<200	<200	<2,000	<200	<200	74 c	<200	<200	640	2,400	**550 c**	<200	230	<200	<200	<200	<2,000	<2,000	<200
	10/17/07	<50	<1.0	<1.0	<10	<1.0	<1.0	0.34 c	<1.0	<1.0	2.8	10	2.4 c	<1.0	1.1	<1.0	<1.0	<1.0	6.2 c	1.2 c	<1.0

TABLE 4

HISTORICAL WELL CONCENTRATIONS AND GRAB GROUNDWATER ANALYTICAL DATA FOR ADDITIONAL VOCS
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE, SAN LEANDRO, CALIFORNIA

Sample ID	Date	Acetone	sec-Butylbenzene	n-Butylbenzene	Carbon Disulfide	Chloroform	cis-1,2-Dichloroethene	Isopropylbenzene	PCE	TCE	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Naphthalene	p-Isopropyltoluene	n-Propylbenzene	Styrene	1,1,2,2 Tetrachloroethane	1,1,2 Trichloroethane	Methylene Chloride	Trichlorofluoro-methane	Bromodichloro-methane
	1/10/08	<250	17 c	<25	<25	<25	<25	81	<25	<25	700	2,500	**420**	<25	300	<25	<25	<25	<25	<25	<25
MW-6	10/19/2006	<50.0	8.79	25.9	<0.500	<0.500	<0.500	53.7	<0.500	<0.500	43.5	96.8	**222 a**	<0.500	114	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	<2.5	<2.5	NA	<2.5	<2.5	NA	NA	NA	NA	NA	NA	<2.5	<2.5	<25	<2.5	<2.5
	4/20/2007	<50	9.3	19	<10	1.4	<1.0	30	<1.0	0.49	15	32	**56**	0.78 c	69	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	14 c	3.0	7.3	<20	0.74 c	<2.0	9.3	1.9 c	<2.0	1.8 c	2.8	21	<2.0	28	<2.0	<2.0	<2.0	<20	<20	<2.0
	10/17/07	<50	0.38 c	0.46 c	<10	0.60 c	<1.0	1.1	1.5	<1.0	<1.0	0.53 c	1.6 c	<1.0	2.8	<1.0	<1.0	<1.0	5.7 c	<10	<1.0
	1/10/08	<25	5.0	11	<2.5	<2.5	<2.5	8.7	2.6	<2.5	4.4	9.2	13	<2.5	24	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
MW-7	10/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	7.46	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	0.51	<0.50	NA	7.3	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	<1.0	<1.0	<10	0.63 c	<1.0	<1.0	7.6	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	<50	<1.0	<1.0	<10	0.44 c	<1.0	<1.0	4.0	<1.0	0.19 c	0.56 c	2.0 c	<1.0	0.17 c	<1.0	<1.0	<1.0	<10	<10	<1.0
	10/17/07	6.4 c	<1.0	<1.0	<10	0.40 c	<1.0	<1.0	5.6	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	1/10/08	<5.0	<0.50	<0.50	<0.50	0.61	<0.50	<0.50	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-8	10/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	6.14	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	<0.50	<0.50	NA	4.3	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	3.1	0.37 c	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	<50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	3.8	0.39 c	<1.0	0.31 c	0.92 c	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	10/17/07	<50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	4.7	0.56 c	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	5.2 c	<10	<1.0
	1/10/08	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.0	0.48 c	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-9	10/19/2006	<50.0	6.92	11.7	<0.500	<0.500	<0.500	31.0	1.64	0.500	44.2	248 a	**208 b**	2.28	68.6	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	<0.50	<0.50	NA	1.2	0.580	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	7.5	14	<10	0.63 c	<1.0	32	1.8	0.95 c	61	430	**160**	2.5	86	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	<50	5.6	9.6	<10	<1.0	0.51 c	24	0.81 c	0.62 c	38	310	**150**	1.7	62	0.69 c	0.58 c	0.59 c	<10	<10	<1.0
	10/17/07	<250	4.3 c	7.5	<50	<5.0	<5.0	17	<5.0	<5.0	27	220	**110**	<5.0	51	<5.0	<5.0	<5.0	<50	<50	<5.0
	1/10/08	<50	2.9 c	4.0 c	<5.0	<5.0	<5.0	10	<5.0	<5.0	14	110	**32**	<5.0	30	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-10	10/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	<0.500	<0.500	0.670	<5.00	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	<0.50	<0.50	NA	<0.50	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	<1.0	<1.0	<10	<1.0	<1.0	0.19 c	<1.0	<1.0	<1.0	0.20 c	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0

TABLE 4

HISTORICAL WELL CONCENTRATIONS AND GRAB GROUNDWATER ANALYTICAL DATA FOR ADDITIONAL VOCS
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE, SAN LEANDRO, CALIFORNIA

Sample ID	Date	Acetone	sec-Butylbenzene	n-Butylbenzene	Carbon Disulfide	Chloroform	cis-1,2-Dichloroethene	Isopropylbenzene	PCE	TCE	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Naphthalene	p-Isopropyltoluene	n-Propylbenzene	Styrene	1,1,2,2 Tetrachloroethane	1,1,2 Trichloroethane	Methylene Chloride	Trichlorofluoromethane	Bromodichloromethane
	7/19/2007	<50	0.34 c	<1.0	<10	0.25 c	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	10/17/07	13 c	<1.0	<1.0	<1.0	0.53 c	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.53 c	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	1/10/08	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-11	10/19/2006	<50.0	<0.500	<0.500	<0.500	3.49	<0.500	<1.00	2.13	<0.500	<0.500	0.530	<5.00	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	3.8	<0.50	NA	2.2	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	<1.0	<1.0	<10	3.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	<50	<1.0	<1.0	<10	3.1	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	0.65 c	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	10/17/07	<50	<1.0	<1.0	<10	18	<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	1.1
	1/10/08	<5.0	<0.50	<0.50	<0.50	11	<0.50	<0.50	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-12	10/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	4.75	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	1/2/2007	NA	NA	NA	NA	<0.50	<0.50	NA	5.1	<0.50	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<5.0	<0.50	<0.50
	4/20/2007	<50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	<50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	3.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	10/17/07	<50	<1.0	<1.0	<10	0.34 c	<1.0	<1.0	5.1	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	1/10/08	<5.0	<0.50	<0.50	<0.50	0.32 c	<0.50	<0.50	6.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
IW-1	10/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	3.22	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500	<0.500	<0.500	<0.500	<5.00	<0.500	<0.500
	4/20/2007	<50	<1.0	<1.0	<10	0.80 c	<1.0	<1.0	3.1	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	7/19/2007	9.3 c	<1.0	<1.0	<10	0.77 c	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	4.4 c	<10	<1.0
	10/17/07	<50	<1.0	<1.0	<10	0.84 c	<1.0	<1.0	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
	1/10/08	<5.0	<0.50	<0.50	<0.50	0.68	<0.50	<0.50	3.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
CPT-1-44-48	1/3/2008	<50	<1.0	<1.0	<10	2.8	<1.0	<1.0	4.5	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
CPT-1-56-60	1/3/2008	<50	<1.0	<1.0	0.43 c	2.2	<1.0	<1.0	5.6	<1.0	<1.0	<1.0	0.75 c	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
CPT-1-78-82	1/3/2008	<50	<1.0	<1.0	<10	0.37 c	<1.0	<1.0	0.91 c	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	4.3	<10	<1.0
CPT-2-45-49	11/16/2007	<50	1.2	<1.0	<10	<1.0	<1.0	1.7	<1.0	<1.0	11	40	<10	<1.0	5.4	<1.0	<1.0	<1.0	<10	<10	<1.0
CPT-2-56-60	11/16/2007	<50	<1.0	<1.0	<10	2.5	<1.0	<1.0	5.8	5.8	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
CPT-2-75-79	11/16/2007	<50	<1.0	<1.0	<10	0.55 c	<1.0	<1.0	3.2	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	5.2 b	<10	<1.0
CPT-3-53-57	11/14/2007	13 c	<1.0	<1.0	<10	1.7	<1.0	<1.0	3.7	3.7	1.1	3.1	0.57 c	<1.0	0.51 c	<1.0	<1.0	<1.0	<10	<10	<1.0
CPT-3-75-79	11/14/2007	8.6 c	<1.0	<1.0	<10	0.60 c	<1.0	<1.0	3.6	3.6	0.41 c	1.3	<10	<1.0	0.18 c	<1.0	<1.0	<1.0	<10	<10	<1.0

TABLE 4

HISTORICAL WELL CONCENTRATIONS AND GRAB GROUNDWATER ANALYTICAL DATA FOR ADDITIONAL VOCS
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE, SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*Acetone*	*sec-Butylbenzene*	*n-Butylbenzene*	*Carbon Disulfide*	*Chloroform*	*cis-1,2-Dichloroethene*	*Isopropylbenzene*	*PCE*	*TCE*	*1,3,5-Trimethylbenzene*	*1,2,4-Trimethylbenzene*	*Naphthalene*	*p-Isopropyltoluene*	*n-Propylbenzene*	*Styrene*	*1,1,2,2-Tetrachloroethane*	*1,1,2-Trichloroethane*	*Methylene Chloride*	*Trichlorofluoromethane*	*Bromodichloromethane*
CPT-4-56-60	11/16/2007	<50	<1.0	<1.0	<10	1.3	<1.0	<1.0	4.1	4.1	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
CPT-4-79-83	11/16/2007	<50	<1.0	<1.0	<10	<1.0	<1.0	<1.0	2.1	2.1	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0
ESL d:		1,500	—	—	—	330	590	—	120	360	—	—	24	—	—	100	190	350	2,200	—	100

Notes:

All results in micrograms per liter (µg/l) unless otherwise indicated.
VOCs = Volatile organic compounds analyzed by EPA Method 8260B. Benzene, toluene, ethylbenzene, total xylenes, fuel oxygenates, and lead scavengers not included here; see current site groundwater monitoring report for relevant tabulated analytical results. All other VOCs were below method detection limits; refer to laboratory reports for details.
PCE = Tetrachloroethene
TCE = Trichloroethene
<x = Not detected at reporting limit x
NA = Not analyzed
ESL = Environmental screening level
— = No applicable ESL
Results in **bold** exceed enviornmental screening level

a = Concentration exceeds the calibration range and therefore result is semi-quantitative
b = Analyte was detected in the associated Method Blank.
c = Analyte was detected at a concentration below reporting limit and above laboratory method detection limit. Reported value is estimated.
d = San Francisco Bay Regional Water Quality Control Board groundwater ESL where groundwater is not a source of drinking water (Tables B and D *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).

TABLE 5

HISTORICAL SOIL VAPOR ANALYTICAL DATA
SHELL-BRANDED SERVICE STATION
1285 BANCROFT AVENUE, SAN LEANDRO, CALIFORNIA

Sample ID	*Date*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*MTBE*	*Butane*	*Isobutane*	*Propane*
SVP-1	12/31/2008	<9,000	<2.5	7.5	<3.4	<14	<11	<19	<19	<42
SVP-1 DUP [b]	12/31/2008	<9,800	<2.7	7.7	<3.7	<15	<12	<20	<20	<46
SVP-2	12/31/2008	<10,000	<2.8	<3.4	<3.9	<15	<13	<21	72	<48
SVP-3	12/31/2008	<9,900	3.8	18	10	56	<12	<21	<21	<47
SVP-4	12/31/2008	<9,400	<2.6	<3.1	<3.5	<14	<12	<19	<19	<44
SVP-5	12/31/2008	<9,200	<2.6	<3.0	<3.5	<14	<12	<19	<19	<43
Residential Land Use ESLs [a]:		*10,000*	*84*	*63,000*	*980*	*21,000*	*9,400*	*NA*	*NA*	*NA*
Commercial/Industrial Land Use ESLs [a]:		*29,000*	*280*	*180,000*	*3,300*	*58,000*	*31,000*	*NA*	*NA*	*NA*

Notes:

All results in micrograms per cubic meter ($\mu g/m^3$) unless otherwise indicated.
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method TO-3 GC/FID
Benzene, toluene, ethylbenzene and total xylenes by modified EPA Method TO-15 GC/FID Full Scan
MTBE = Methyl tertiary-butyl ether by modified EPA Method TO-15 GC/FID Full Scan
Butane, isobutane, and propane by modified EPA Method TO-15 GC/FID Full Scan
ESL = Environmental screening level
NA = No applicable ESL

a = San Francisco Bay Regional Water Quality Control Board commercial land use Environmental Screening Level for soil gas for evaluation of potential vapor intrusion concerns (Table E-2 of Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]).
b = Field duplicate

APPENDIX A

SITE HISTORY

SITE HISTORY

November 1986 Waste-Oil Tank Removal: In November 1986, Petroleum Engineering of Santa Rosa, California removed a 550-gallon waste oil tank and installed a new 550-gallon fiberglass tank in the former tank pit. Immediately following the tank removal, Blaine Tech Services, Inc. (Blaine) of San Jose, California collected soil samples beneath the former tank location at 8.75 and 9 feet below grade (fbg). The soil samples contained maximum concentrations of 83 milligrams per kilogram (mg/kg) petroleum oil and grease and 583 mg/kg total oil and grease (TOG). After additional excavation, Blaine collected another soil sample at 9.5 fbg, which contained 89.3 mg/kg TOG. No groundwater was encountered in the tank pit. No report documenting these activities could be located.

March 1990 Well Installation: In March 1990, Weiss Associates (Weiss) of Emeryville, California advanced a soil boring (BH-A) and converted it to groundwater monitoring well MW-1 adjacent to the waste-oil tank. No petroleum constituents were detected in soil samples analyzed from boring BH-A. Tetrachloroethene (PCE) was detected at 35 micrograms per liter (µg/l). The maximum total petroleum hydrocarbons as gasoline (TPHg) concentration in groundwater from well MW-1 was 510 µg/l. Weiss' July 31, 1990 *Second Quarter 2005* letter report documents these activities.

February 1992 Subsurface Investigation: In February 1992, Weiss advanced two soil borings (BH-B and BH-C) up gradient and down gradient of the existing underground storage tanks (USTs) and converted them into monitoring wells MW-2 and MW-3. A maximum TPHg concentration of 8,800 mg/kg was detected in boring BH-B, which was converted into monitoring well MW-2. No benzene was detected in this investigation. Weiss' April 27, 1992 *Subsurface Investigation* letter report documents these activities.

1992 Well Survey: Weiss included a ½-mile radius well survey with the report of the February 1992 subsurface investigation. A total of 21 wells were identified within ½ mile of the site. One domestic supply well was identified approximately ½ mile northeast (cross gradient) of the site. One domestic or irrigation supply well was also identified within 500 feet west (cross and down gradient) and another within 500 feet east (cross and up gradient) of the site. Weiss' April 27, 1992 *Subsurface Investigation* letter report documents these activities.

February 1994 Subsurface Investigation: In February 1994, Weiss advanced three soil borings (BH-D, BH-E, and BH-F) up gradient and down gradient of the existing USTs.

Boring BH-F was converted into monitoring well MW-4. No TPHg was detected in this investigation. A maximum benzene concentration of 0.015 mg/kg was detected in boring BH-E No report documenting these activities or logs of borings BH-D and BH-E could be located.

October 1995 Dispenser Replacement Sampling: In October 1995, Weiss collected soil samples from beneath the former dispensers. A maximum TPHg concentration of 130 mg/kg was detected in soil sample D-2A, located 2 fbg beneath the northern dispenser island. A maximum benzene concentration of 0.31 mg/kg was detected in soil sample L-1, located 2 fbg beneath the product piping lines on the south end of the site. Weiss' March 5, 1996 *Replacement Sampling Report* documents these activities.

September 1998 and July 1999 through September 1999 Mobile Groundwater Extraction: Mobile groundwater extraction (GWE) was performed at the site on September 2, 1998, and weekly GWE events were performed from July 30, 1999 through September 9, 1999, using wells MW-1, MW-3, and MW-5. Approximately 17.9 pounds of liquid-phase TPHg and 0.77 pounds of methyl tertiary-butyl ether (MTBE) were removed during these activities. No report documenting the mobile groundwater extraction events could be located.

May 1999 Well Installation: In May 1999, Cambria Environmental Technology, Inc. (Cambria) installed groundwater monitoring wells MW-5, MW-6, MW-7, and MW-8. Soil samples collected from boring MW-5 contained maximum concentrations of 10.5 mg/kg TPHg at 40.5 fbg, 0.0475 mg/kg benzene at 35.5 fbg, and 2.25 mg/kg MTBE at 35.5 fbg. Cambria's August 29, 1999 *Well Installation Report* documents these activities.

June 2000 Site Investigation and Risk Based Corrective Action (RBCA) Evaluation: In June 2000, Cambria collected *in-situ* vapor and physical soil property samples and prepared a RBCA analysis of the potential risk to off-site receptors posed by hydrocarbons originating from the site. Six soil borings (B-1 through B-6) were drilled, and soil, soil vapor, and groundwater samples were collected. Soil sample were collected for physical parameter analysis including organic carbon content, moisture content, bulk density, and porosity. The risk evaluation showed that the calculated excess cancer risk posed by the site was below the target risk level of 1×10^{-6} and that off-site conditions at the time did not pose a significant risk to off-site occupants directly adjacent to the site. Water was not detected in B-5 and B-6 and groundwater samples could not be collected from B-3 and B-4. Groundwater samples were collected from B-1 and B-2. No TPHg, benzene, or MTBE was detected in the collected groundwater samples. Cambria's June 27, 2001 *Investigation Report and Risk-Based Corrective Action Analysis* documents these findings.

November 2000 through January 2005 Mobile Dual-Phase Vapor Extraction (DVE): In November 2000, Cambria initiated monthly mobile DVE on wells MW-5 and MW-6 to facilitate hydrocarbon and oxygenate removal from groundwater and the vadose zones. Approximately 131.47 pounds of vapor-phase TPHg and 1.23 pounds of vapor-phase MTBE were removed during these activities. Since UST enhanced-vapor-recovery upgrades occurred in January 2005 and because of the lack of marked effect on concentrations in MW-5 and MW-6, mobile DVE was put on hold following the January 7, 2005 event pending an overall evaluation of the site.

April 2002 Enhanced UST Testing: On April 2 and 3, 2002, Shell voluntarily conducted enhanced testing on the USTs at this site. Enhanced testing included a VacuTect Tank Test of tanks under vacuum conditions. When the VacuTect test indicated a problem with the plus tank, the product was immediately transferred out of tank for investigation, which included tank entry for visual inspections and further tank tests. No visible cracks were found, but additional layers of fiberglass were added to suspected problem areas. A passing VacuTect test was conducted. Cambria's October 15, 2002 *Subsurface Investigation Work Plan* indicated that the crack was detected in the secondary containment of the tank, but the tank was actually a single-wall vessel and, as previously mentioned, no crack was detected. A problem with the tank was only found during the VacuTect test, which does not necessarily indicate a leak condition.

August 2003 Soil and Water Investigation and Site Conceptual Model: From August 4 through August 7, 2003, Cambria supervised the advancement of six soil borings (SB-1 through SB-4 off site and SB-6 and SB-7 on site). The borings were advanced to total depths of 48 to 52.5 fbg to define vertical and horizontal migration of the contaminate plume and to determine down gradient monitoring well locations. Soil sample results from the investigation indicated neither hydrocarbons nor MTBE impacts to unsaturated soil in the boring locations. However, the groundwater sample results indicated hydrocarbons and MTBE impacts to groundwater, primarily on site. The site conceptual model was updated and identified one potential down gradient receptor, irrigation well 2S/3W-25L1 located at 566 Estudillo Avenue, which is discussed below. Cambria's November 3, 2003 *Soil and Water Investigation Report, Work Plan, and Site Conceptual Model* documents these activities.

October 2003 Sensitive Receptor Survey (SRS): In October 2003, Cambria completed a SRS at Shell's request. The SRS targeted the following as potential sensitive receptors: basements within 200 feet, surface water, and sensitive habitats within 500 feet, hospitals, residential care, and childcare facilities within 1,000 feet, and water wells within ½ mile. No basements were observed within 200 feet, nor was any surface water or sensitive habitats observed within 500 feet. Hospitals and educational, childcare, and

residential care facilities were identified at approximately 140, 345, 650, and 670 feet from the site. Bancroft Middle School (1250 Bancroft Avenue) is located approximately 140 feet from the site. The Shelter for Women and Children (1395 Bancroft Avenue) is located approximately 345 feet from the site. Bancroft Convalescent Hospital (1475 Bancroft Avenue) is located approximately 650 feet from the site. Jones Convalescent Hospital (524 Callan Avenue) is located approximately 670 feet from the site.

To update the 1992 well survey performed by Weiss and updated by Cambria in 1998 and 1999, Cambria researched Department of Water Resources (DWR) records in September 2003, and located no additional well records for locations within ½ mile of the site. In addition to numerous wells listed as "irrigation" wells, a number of DWR records identified wells at residential addresses for which no use was listed. The 1992 Weiss well survey also reviewed Alameda County Public Works well database records, which also listed many of the wells identified in the DWR records search with unknown uses. In the Alameda County listing, several of the wells were listed as "domestic" type wells. Because "domestic" usage may include drinking-water uses, Cambria investigated all three identified down-gradient wells within ½ mile with "domestic" usage noted in the Alameda County Public Works database report to clarify their actual use and current status.

The closest identified "domestic" water well (25L1 aka IW-1) is an 88-foot deep well installed in 1952, approximately 150 feet southwest of the site. This well is an active irrigation well identified at the adjacent property, 560 Estudillo Avenue. Cambria confirmed that the well is used only for landscape irrigation by interviewing the property manager and by inspecting the well. The next nearest "domestic" well is located approximately 390 feet east of the site (25K1). Cambria interviewed the property owner's custodian, who verified the well's presence, and also verified that the well is not used. The next nearest "domestic" well is located approximately 1,425 feet south of the site (25P2). Cambria met the property owner who verified that the well had not been used since the early 1980's when the well pump failed.

February 2004 Investigations: Four monitoring wells (MW-9, MW-10, MW-11, and MW-12) and four borings (SB-9, SB-10, SB-11, and SB-12) were installed in February 2004 to define the lateral and vertical extent of MTBE in groundwater and to provide for ongoing groundwater monitoring down gradient of the site. MTBE, TPHg, and benzene, toluene, ethylbenzene, and xylenes (BTEX) were not detected in any soil samples collected during the current investigation with the exception of samples from well locations MW-9 and MW-10. TPHg and benzene were detected only in the soil sample from on-site well MW-9 from a depth of 35 fbg at concentrations of 820 mg/kg and 1.0 mg/kg, respectively. MTBE was detected in the MW-9 soil samples at depths of

25 fbg, 30 fbg, and 35 fbg at concentrations of 0.071 mg/kg, 0.093 mg/kg, and 1.0 mg/kg, respectively. MTBE was also detected at a concentration of 0.017 mg/kg in a soil sample from off-site well MW-10 at a depth of 39.5 fbg. Since groundwater was encountered at approximately 35 fbg during the current investigation, all the hydrocarbon, and/or MTBE impacted samples were from saturated soils or from within the capillary fringe, so the results may be more indicative of chemical concentrations in groundwater.

TPHg was detected only in the on-site grab groundwater samples SB-10-W and SB-11-W at concentrations of 1,100 and 2,600 µg/l, respectively. Benzene and MTBE were detected only in the on-site grab groundwater sample SB-11-W at concentrations of 9.1 and 76 µg/l, respectively. No toluene, ethylbenzene, or xylenes were detected in any of the grab groundwater samples. No groundwater was encountered in SB-12.

Additionally, an inspection of the off-site irrigation well (25L1) located down gradient of the site at 566 Estudillo Avenue was to be conducted by video inspection to evaluate total depth and screen intervals. The inside of the casing was heavily coated with fine-grained material, making it impossible to determine the top of the screen interval. No screen perforations were visible at or above the 31-fbg level of the water. Occasional circular depressions, which could be screen perforations, were observed at approximately 64 fbg. Due to fine-grained debris in the bottom of the well casing, the maximum explorable depth of the well was 79 fbg. The results of this investigation are presented in Cambria's April 29, 2004 *Soil and Water Investigation, Monitoring Well Installation, and Irrigation Well Video Inspection Report.*

2005 Dispenser Upgrade Sampling: During January and February of 2005, Armer/Norman & Associates. Inc. of Pacheco, California upgraded the station's fuel system, including the UST sumps and fuel dispensers. Cambria collected four soil samples beneath the replaced dispensers at depths from 4 to 4.5 fbg. TPHg and BTEX concentrations were below the laboratory detection limits in all dispenser soil samples. MTBE was detected in one soil sample (D-3-4.5) at a concentration of 0.0088 mg/kg. No other analytes were detected in excess of their laboratory detection limit. The results of this investigation are presented in Cambria's March 23, 2005 *Dispenser Upgrade Sampling Report.*

2006 Waste Oil Tank Removal Sampling: In July 2006, Wayne Perry, Inc. (Wayne Perry) of Sacramento, California removed one 550-gallon, single-wall, fiberglass waste oil UST. Cambria observed no cracks, holes, or corrosion in the UST upon removal. Cambria collected one soil sample (WO-1-11) from the bottom of the UST excavation at a depth of 11 feet below grade using an excavator. Soil sample WO-1-11 contained 64 mg/kg oil and grease, 1.5 mg/kg TPHd, 0.075 mg/kg methylene chloride, 29.6 mg/kg chromium,

8.18 mg/kg lead, 40.0 mg/kg nickel, and 75.4 mg/kg zinc. Based on these concentrations, Shell submitted an Underground Storage Tank Unauthorized Release (Leak)/Site Contamination Report (Unauthorized Release Report) on July 28, 2006.

2007 Subsurface Investigation: During November and December of 2007 Conestoga-Rovers & Associates (CRA) drilled one soil boring (SB-16) and four cone penetrometer test (CPT) borings (CPT-1 through CPT-4) to define the vertical extent of gasoline compounds and fuel oxygenates in soil and groundwater. Soil samples from soil boring SB-16 contained TPHg, ethylbenzene, xylenes and MTBE at concentrations below San Francisco Bay Regional Water Quality Control Board[1] (RWQCB) environmental screening levels (ESLs). Groundwater grab sampling attempts from the shallow interval (less than 50 fbg) resulted in sample recovery after waiting up to 60 minutes for recharge. The single concentration above non-drinking water SF-RWQCB ESLs was TPHg in on-site boring CPT-2. This investigation is summarized in CRA's February 6, 2008 *Subsurface Investigation Report.*

2008 *Subsurface Investigation:* During December of 2008 CRA destroyed four groundwater monitoring wells (MW-1 through MW-4) because their excessive screen length provided a potential conduit to deeper groundwater and installed four groundwater monitoring wells (MW-1A, MW-1B, MW-2A, and MW-3A) to replace them. In addition CRA installed and sampled five soil vapor probes (SVP-1 through SVP-5). All BTEX and MTBE concentrations in soil samples were below ESLs. Only four TPHg detections in soil samples exceeded ESLs; however it should be noted that the RWQCB guidance advises that "TPH ESLs must be used in conjunction with ESLs for related chemicals (e.g. BTEX, polynuclear aromatic hydrocarbons, oxidizers, etc.)." In this case, BTEX and MTBE would be the appropriate related chemicals. TPHg detections in soil samples were at depths from 40 to 46 fbg and may be due to impacted groundwater. No constituents of concern exceeded ESLs in soil vapor samples. This investigation is summarized in CRA's January 16, 2009 *Subsurface Investigation Report.*

Groundwater Monitoring Program: There are six groundwater monitoring wells (MW-1A, MW-1B, MW-2A, MW-3A, MW-5 and MW-9) on site, six groundwater monitoring wells (MW-6, MW-7, MW-8, MW-10, MW-11, and MW-12) off site, and one monitored irrigation well (IW-1) off site. All 13 wells have been sampled quarterly for TPHg, MTBE, and BTEX. During the third quarter 2009 sampling event:

- The depth to groundwater measured in the monitoring wells ranged from 37.12 to 40.91 feet below top of well casing. The depth to water in irrigation well IW-1

1 *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater,* California Regional Water Quality Control Board, Interim Final - November 2007 [Revised May 2008]

was measured at 37.12 feet. The groundwater elevations ranged from 25.85 to 26.40 feet above mean sea level.

- Groundwater generally flows to the southwest at a variable hydraulic gradient that averages 0.003.
- Benzene was detected in wells MW-1A, MW-3A, MW-6, and MW-9 at concentrations up to 68 µg/l in well MW-6.
- MTBE was detected in wells MW-1A, MW-2A, MW-3A, MW-5, MW-6, MW-8, and MW-9 at concentrations up to 140 µg/l in wells MW-2A and MW-6.
- Irrigation well IW-1 did not contain any constituents of concern.

APPENDIX B

BLAINE TECH SERVICES, INC, - HISTORICAL GROUNDWATER MONITORING DATA

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

September 24, 2009

Denis Brown
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

Third Quarter 2009 Groundwater Monitoring at
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

Monitoring performed on September 1, 2009

Groundwater Monitoring Report **090901-FS-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

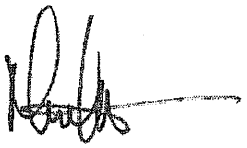
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,



Mike Ninokata
Project Manager

MN/np

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Anni Kreml
Conestoga-Rovers & Associates
5900 Hollis Street, Suite A
Emeryville, CA 94608

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	03/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	42.65	23.64	NA
MW-1	06/12/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.14	23.15	NA
MW-1	09/13/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	44.71	21.58	NA
MW-1	12/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	45.23	21.06	NA
MW-1	03/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.32	22.97	NA
MW-1	06/07/1991	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	42.18	24.11	NA
MW-1	09/17/1991	50 a	160 a	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	44.85	21.44	NA
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	41.56	24.73	NA
MW-1	06/03/1992	<50	NA	0.8	<0.5	0.9	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	40.74	25.55	NA
MW-1	09/01/1992	<50	NA	<0.5	5.8	5.3	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	43.05	23.24	NA
MW-1	12/07/1992	68	NA	<0.5	0.8	<0.5	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	44.19	22.10	NA
MW-1	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	34.96	31.33	NA
MW-1 (D)	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	34.96	31.33	NA
MW-1	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	36.75	29.54	NA
MW-1	09/09/1993	200 a	NA	16	5.2	2	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	39.36	26.93	NA
MW-1	12/13/1993	89 a	NA	3.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	40.74	25.55	NA
MW-1	03/03/1994	65 a	NA	2.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	38.40	27.89	NA
MW-1	07/27/1994	180	NA	30	1.8	2.6	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	40.49	26.41	NA
MW-1 (D)	07/27/1994	240	NA	25	2.2	2.2	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	40.49	26.41	NA
MW-1	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	40.84	26.06	NA
MW-1	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	41.98	24.92	NA
MW-1	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	41.34	25.56	NA
MW-1	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	42.06	24.84	NA
MW-1	01/04/1995	<50	NA	2.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	39.90	27.00	NA
MW-1 (D)	01/04/1995	<50	NA	2.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	39.90	27.00	NA
MW-1	04/14/1995	<50	NA	<0.5	0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.02	35.88	NA
MW-1 (D)	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.02	35.88	NA
MW-1	07/12/1995	<50	NA	1.2	0.8	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	34.61	32.29	NA
MW-1	12/14/1995	380	NA	230	9	1.1	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	39.24	27.66	NA
MW-1	01/10/1996	60	NA	3.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	38.34	28.56	NA
MW-1	04/25/1996	<50	NA	3.3	2.4	1.2	5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.95	34.95	NA
MW-1	07/09/1996	810	NA	29	7.3	<5.0	11	1,800	NA	NA	NA	NA	NA	NA	NA	NA	66.90	34.45	32.45	NA
MW-1	10/02/1996	<125	NA	3.1	<1.2	<1.2	<1.2	960	NA	NA	NA	NA	NA	NA	NA	NA	66.90	37.72	29.18	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	01/09/1997	<250	NA	<2.5	<2.5	<2.5	<2.5	510	NA	NA	NA	NA	NA	NA	NA	NA	66.90	32.25	34.65	NA
MW-1	04/09/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	130	NA	NA	NA	NA	NA	NA	NA	NA	66.90	32.90	34.00	NA
MW-1	07/02/1997	<250	NA	60	7.6	4.2	18	1,300	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.65	30.25	NA
MW-1	10/24/1997	<500	NA	140	<5.0	12	40	2,600	NA	NA	NA	NA	NA	NA	NA	NA	66.90	39.75	27.15	4.5
MW-1	01/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	170	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.31	30.59	4.0
MW-1	04/14/1998 b	72	NA	0.82	4.9	1.8	13	2.7	NA	NA	NA	NA	NA	NA	NA	NA	66.90	26.37	40.53	2.2
MW-1	07/15/1998	<50	NA	2.5	1.5	<0.50	<0.50	12	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.23	35.67	2.4
MW-1	07/28/1998	NA	NA	NA	NA	NA	NA	193	190	<2.0	<2.0	<2.0	<100	<2.50	<2.50	<500	66.90	31.23	35.67	2.4
MW-1	10/13/1998	<50	NA	3.2	0.69	<0.50	1.1	29	NA	NA	NA	NA	NA	NA	NA	NA	66.90	35.69	31.21	1.3
MW-1	01/22/1999	567	NA	79.7	120	21.4	99.9	193	190	NA	NA	NA	NA	NA	NA	NA	66.90	35.32	31.58	1.2
MW-1	04/16/1999	<50	NA	0.69	1.1	1.2	<0.50	8.2	NA	NA	NA	NA	NA	NA	NA	NA	66.90	31.76	35.14	1.0
MW-1	07/22/1999	<50	NA	<0.500	<0.500	<0.500	<0.500	<5.00	2.17	NA	NA	NA	NA	NA	NA	NA	66.90	23.21	43.69	2.1/2.0
MW-1	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	66.90	33.27	33.63	2.2/2.1
MW-1	01/07/2000	<50.0	NA	0.631	0.577	<0.500	1.25	14.1	NA	NA	NA	NA	NA	NA	NA	NA	66.90	38.17	28.73	d
MW-1	04/05/2000	153	NA	12.4	21.2	6.65	28.3	50.1	NA	NA	NA	NA	NA	NA	NA	NA	66.90	30.45	36.45	2.0/2.3
MW-1	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	66.90	34.29	32.61	4.4/3.8
MW-1	10/19/2000	129	NA	7.76	19.6	7.84	33.3	31.3	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.87	30.03	3.9/4.7
MW-1	01/15/2001	201	NA	7.58	29.9	9.64	42.9	24.9	NA	NA	NA	NA	NA	NA	NA	NA	66.90	36.99	29.91	2.7/3.0
MW-1	04/30/2001	<50	NA	<0.50	<0.50	<0.50	0.54	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.90	34.62	32.28	3.1/2.4
MW-1	07/20/2001	180	NA	8.0	16	9.5	39	NA	140	NA	NA	NA	NA	NA	NA	NA	66.90	37.25	29.65	3.9/3.8
MW-1	10/24/2001	94	NA	7.0	0.90	3.4	8.4	NA	34	NA	NA	NA	NA	NA	NA	NA	66.90	38.82	28.08	3.6/3.9
MW-1	01/03/2002	<50	NA	<0.50	0.78	<0.50	1.5	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.90	34.97	31.93	3.1/3.3
MW-1	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.90	34.04	32.86	1.6/1.8
MW-1	07/11/2002	61	NA	2.2	2.6	3.9	14	NA	28	NA	NA	NA	NA	NA	NA	NA	66.90	36.15	30.75	0.6/3.8
MW-1	10/28/2002	270	NA	7.9	3.6	17	51	NA	72	NA	NA	NA	NA	NA	NA	NA	66.33	38.35	27.98	1.0/1.2
MW-1	01/07/2003	<50	NA	<0.50	<0.50	<0.50	0.53	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.33	34.13	32.20	3.8/3.9
MW-1	04/14/2003	<50	NA	0.51	0.52	1.0	2.9	NA	21	NA	NA	NA	NA	NA	NA	NA	66.33	35.40	30.93	3.4/3.5
MW-1	07/01/2003	<50	NA	<0.50	<0.50	1.1	2.5	NA	4.1	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	66.33	35.19	31.14	0.4/0.7
MW-1	10/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	66.33	38.63	27.70	2.9/2.9
MW-1	01/15/2004	72	NA	<0.50	0.75	1.4	5.2	NA	10	NA	NA	NA	NA	NA	NA	NA	66.33	36.13	30.20	4.1/4.0
MW-1	04/09/2004	98	NA	<0.50	<0.50	0.57	1.7	NA	1.6	NA	NA	NA	NA	NA	NA	NA	66.33	34.95	31.38	4.7/3.9
MW-1	07/13/2004	75	NA	0.52	<0.50	2.0	2.8	NA	11	<2.0	<2.0	<2.0	5.0	NA	NA	<50	66.33	37.68	28.65	0.77/0.81
MW-1	11/05/2004	180	NA	4.4	0.72	4.1	9.5	NA	67	NA	NA	NA	NA	NA	NA	NA	66.33	38.86	27.47	4.1/4.8
MW-1	01/10/2005	180	NA	0.50	<0.50	1.0	3.8	NA	15	NA	NA	NA	NA	NA	NA	NA	66.33	36.10	30.23	0.1/3.8

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	04/11/2005	91 k	NA	<0.50	<0.50	<0.50	<1.0	NA	0.82	NA	NA	NA	NA	NA	NA	NA	66.33	31.71	34.62	3.85/2.37
MW-1	07/12/2005	56 k	NA	<0.50	<0.50	<0.50	<1.0	NA	0.52	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	66.33	34.12	32.21	4.3/3.9
MW-1	10/21/2005	85	NA	0.91	<0.50	6.7	8.7	NA	16	NA	NA	NA	NA	NA	NA	NA	66.33	37.21	29.12	4.3/4.0
MW-1	01/09/2006	<50	NA	<0.50	<0.50	<0.50	1.2	NA	3.2	NA	NA	NA	NA	NA	NA	NA	66.33	33.53	32.80	3.6/3.8
MW-1	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	66.33	28.44	37.89	3.61/3.43
MW-1	07/13/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	<50.0	66.33	32.35	33.98	3.41/3.23
MW-1	10/19/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	0.800	<0.500	NA	NA	NA	<0.500	<0.500	NA	66.33	35.94	30.39	3.1/2.75
MW-1	01/02/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.73	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	NA	66.33	36.05	30.28	2.9/3.1
MW-1	04/20/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	0.51 r	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	66.33	35.83	30.50	3.57/3.72
MW-1	07/19/2007	<50 p	NA	0.16 r	0.28 r	0.73 r	0.63 r	NA	5.7	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	66.33	37.90	28.43	3.9/0.6
MW-1	10/17/2007	240 p	NA	0.74	<1.0	1.1	1.9	NA	13	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	66.33	39.26	27.07	3.42/1.82
MW-1	01/10/2008	230 p	NA	0.65	<0.50	3.2	8.4	NA	4.7	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	66.33	37.58	28.75	1.6/1.1
MW-1	04/24/2008	160	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	66.33	36.21	30.12	3.88/3.87
MW-1	08/26/2008	240	NA	0.86	<1.0	<1.0	1.4	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	<100	66.33	39.84	26.49	2.16/1.20
MW-1	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1A	12/24/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.51	39.63	25.88	NA
MW-1A	12/29/2008	400	NA	0.67	3.1	3.3	18	NA	22	<2.0	<2.0	<2.0	47	NA	NA	NA	65.51	39.44	26.07	0.79/1.95
MW-1A	02/05/2009	1,100	NA	3.5	8.8	55	120	NA	38	NA	NA	NA	NA	NA	NA	NA	65.51	38.97	26.54	1.18/0.91
MW-1A	04/20/2009	1,700	NA	7.3	1.4	110	4.2	NA	46	NA	NA	NA	NA	NA	NA	NA	65.51	35.58	29.93	NA
MW-1A	**09/01/2009**	**1,300**	**NA**	**8.0**	**3.3**	**95**	**36**	**NA**	**73**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**65.51**	**39.25**	**26.26**	**1.60/0.50**
MW-1B	12/24/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.23	39.32	25.91	NA
MW-1B	12/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	NA	65.23	39.27	25.96	3.19/4.07
MW-1B	02/05/2009	<50	NA	<0.50	<1.0	<1.0	1.3	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.23	38.65	26.58	3.36/3.05
MW-1B	04/20/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.23	35.23	30.00	NA
MW-1B	**09/01/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**65.23**	**39.02**	**26.21**	**3.02/3.27**
MW-2	03/01/1992	910	<50	11	5.2	50	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.57	25.34	NA
MW-2	06/03/1992	1,400	NA	33	16	150	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.56	26.35	NA
MW-2	09/01/1992	230	NA	5.2	4.1	15	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	42.94	23.97	NA
MW-2 (D)	09/01/1992	320	NA	5.6	5	18	220	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	42.94	23.97	NA
MW-2	12/07/1992	240	NA	1.5	1.3	9.5	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	44.13	22.78	NA
MW-2 (D)	12/07/1992	<50	NA	1.7	1	13	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	44.13	22.78	NA

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MW-2	03/01/1993	230	NA	260	310	27	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.82	32.09	NA
MW-2	06/22/1993	220	NA	18	3.4	3.6	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.64	30.27	NA
MW-2 (D)	06/22/1993	320	NA	29	4.8	4.2	6.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.64	30.27	NA
MW-2	09/09/1993	260	NA	18	4.6	16	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.24	27.67	NA
MW-2 (D)	09/09/1993	210	NA	16	3.9	14	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.24	27.67	NA
MW-2	12/13/1993	1,300 a	NA	82	34	73	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.64	26.27	NA
MW-2 (D)	12/13/1993	1,400 a	NA	110	45	72	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.64	26.27	NA
MW-2	03/03/1994	9,600	NA	1,200	600	390	710	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.98	27.93	NA
MW-2 (D)	03/03/1994	10,000	NA	930	500	330	590	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.98	27.93	NA
MW-2	07/27/1994	190	NA	<0.5	1	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.40	26.51	NA
MW-2	08/09/1994	1,500	NA	53.5	12.4	46.2	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	40.71	26.20	NA
MW-2	10/05/1994	<485	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.89	25.02	NA
MW-2	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.22	25.69	NA
MW-2	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	41.99	24.92	NA
MW-2	01/04/1995	1,300	NA	150	35	23	51	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.81	27.10	NA
MW-2	04/14/1995	5,000	NA	1,000	340	400	810	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	30.83	36.08	NA
MW-2	07/12/1995	4,500	NA	440	170	170	290	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.50	32.41	NA
MW-2 (D)	07/12/1995	4,300	NA	430	160	160	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.50	32.41	NA
MW-2	12/14/1995	37,000	NA	1,800	7,600	1,000	6,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.22	27.69	NA
MW-2 (D)	12/14/1995	34,000	NA	1,800	6,600	1,000	6,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.22	27.69	NA
MW-2	01/10/1996	69,000	NA	1,000	3,200	510	3,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.22	28.69	NA
MW-2 (D)	01/10/1996	78,000	NA	1,100	3,500	560	3,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.22	28.69	NA
MW-2	04/25/1996	11,000	NA	820	880	210	1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.78	35.13	NA
MW-2 (D)	04/25/1996	9,300	NA	690	710	160	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.78	35.13	NA
MW-2	07/09/1996	100,000	NA	15,000	24,000	1,700	9,900	70,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.35	32.56	NA
MW-2 (D)	07/09/1996	86,000	NA	12,000	19,000	1,400	7,500	32,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.35	32.56	NA
MW-2	10/02/1996	82,000	NA	20,000	32,000	1,800	9,100	40,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	37.56	29.35	NA
MW-2 (D)	10/02/1996	89,000	NA	19,000	31,000	1,700	8,900	42,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	37.56	29.35	NA
MW-2	01/09/1997	17,000	NA	710	2,300	350	2,200	4,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	32.07	34.84	NA
MW-2 (D)	01/09/1997	12,000	NA	490	1,300	260	1,800	2,800	NA	NA	NA	NA	NA	NA	NA	NA	66.91	32.07	34.84	NA
MW-2	04/09/1997	20,000	NA	970	3,500	330	2,000	3,200	NA	NA	NA	NA	NA	NA	NA	NA	66.91	32.78	34.13	NA
MW-2	07/02/1997	28,000	NA	1,700	8,700	550	3,000	5,500	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.56	30.35	NA
MW-2 (D)	07/02/1997	32,000	NA	2,000	11,000	680	3,800	6,400	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.56	30.35	NA
MW-2	10/24/1997	14,000	NA	460	1,000	300	2,000	3,000	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.74	27.17	3.2

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MW-2 (D)	10/24/1997	14,000	NA	420	980	270	2,000	2,800	NA	NA	NA	NA	NA	NA	NA	NA	66.91	39.74	27.17	3.2
MW-2	01/08/1998	180	NA	2.8	1.6	<0.50	<0.50	7.6	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.13	30.78	3.6
MW-2	04/14/1998 b	12,000	NA	92	1,500	260	1,900	110	NA	NA	NA	NA	NA	NA	NA	NA	66.91	26.15	40.76	4.6
MW-2	07/15/1998	36,000	NA	250	5,600	830	6,000	6,800	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.14	35.77	4.8
MW-2 (D)	07/15/1998	35,000	NA	230	5,600	860	600	570	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.14	35.77	4.8
MW-2	10/13/1998	100	NA	7	12	3.7	10	5.8	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.14	30.77	0.8
MW-2	01/22/1999	21,000	NA	701	3,330	960	5,420	772	620	<2.0	<2.0	<2.0	<100	<100	<100	<500	66.91	35.97	30.94	1.0
MW-2	04/16/1999	14,000	NA	200	1,600	560	3,300	330	NA	NA	NA	NA	NA	NA	NA	NA	66.91	31.52	35.39	1.0
MW-2	07/22/1999	1,410	NA	28.3	91.2	50.4	256	35.3	15.2	NA	NA	NA	NA	NA	NA	NA	66.91	26.14	40.77	2.1/2.5
MW-2	12/08/1999	<50.0	NA	1.45	1.34	1.15	5.31	5.08	NA	NA	NA	NA	NA	NA	NA	NA	66.91	37.72	29.19	2.1/2.5
MW-2	01/07/2000	743	NA	18.6	47.0	3.06	166	30.3	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.14	28.77	1.4/1.8
MW-2	04/05/2000	2,320	NA	60.9	101	115	606	62.5	NA	NA	NA	NA	NA	NA	NA	NA	66.91	30.46	36.45	1.7/1.9
MW-2	07/12/2000	12,100	NA	325	555	793	3,610	260	NA	NA	NA	NA	NA	NA	NA	NA	66.91	34.13	32.78	4.1/4.6
MW-2	10/19/2000	4,840	NA	188	267	318	1,370	84.4	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.50	30.41	4.8/2.6
MW-2	01/15/2001	654	NA	52.3	9.10	37.8	93.6	10.9	NA	NA	NA	NA	NA	NA	NA	NA	66.91	36.73	30.18	4.2/3.5
MW-2	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.91	35.25	31.66	2.4/2.0
MW-2	07/20/2001	5,400	NA	320	110	340	1,100	NA	33	NA	NA	NA	NA	NA	NA	NA	66.91	37.00	29.91	3.4/2.4
MW-2	10/24/2001 g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.91	38.63	28.28	NA
MW-2	10/31/2001	1,400	NA	81	16	76	180	NA	29	NA	NA	NA	NA	NA	NA	NA	66.91	38.71	28.20	3.8/2.9
MW-2	01/03/2002	1,800	NA	88	62	130	520	NA	17	NA	NA	NA	NA	NA	NA	NA	66.91	34.71	32.20	3.0/2.1
MW-2	04/05/2002	9,400	NA	190	120	410	1,800	NA	<50	NA	NA	NA	NA	NA	NA	NA	66.91	33.86	33.05	1.3/1.8
MW-2	07/11/2002	6,700	NA	220	73	360	1,100	NA	<20	NA	NA	NA	NA	NA	NA	NA	66.91	35.99	30.92	3.4/2.1
MW-2	10/28/2002	4,600	NA	190	25	210	370	NA	21	NA	NA	NA	NA	NA	NA	NA	66.33	38.05	28.28	0.7/0.9
MW-2	01/07/2003	1,700	NA	9.3	14	83	380	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	66.33	34.22	32.11	3.9/3.6
MW-2	04/14/2003	5,900	NA	86	53	360	1,500	NA	<50	NA	NA	NA	NA	NA	NA	NA	66.33	35.28	31.05	3.0/2.9
MW-2	07/01/2003	2,200	NA	34	24	130	510	NA	3.3	<10	<10	<10	<25	<2.5	<2.5	<250	66.33	35.13	31.20	0.9/1.1
MW-2	10/08/2003	4,000	NA	160	28	220	530	NA	<10	NA	NA	NA	NA	NA	NA	NA	66.33	38.59	27.74	2.9/0.5
MW-2	01/15/2004	3,300	NA	63	29	300	1,000	NA	15	NA	NA	NA	NA	NA	NA	NA	66.33	36.38	29.95	5.0/2.6
MW-2	04/09/2004	3,000	NA	52	20	180	520	NA	3.5	NA	NA	NA	NA	NA	NA	NA	66.33	34.01	32.32	4.2/3.1
MW-2	07/13/2004	3,400	NA	68	18	250	540	NA	4.7	<10	<10	<10	<25	NA	NA	<250	66.33	38.10	28.23	1.20/0.99
MW-2	11/05/2004	2,500	NA	120	14	190	280	NA	17	NA	NA	NA	NA	NA	NA	NA	66.33	38.82	27.51	8.1/8.5
MW-2	01/10/2005	2,700	NA	54	14	220	590	NA	38	NA	NA	NA	NA	NA	NA	NA	66.33	35.97	30.36	3.21/3.06
MW-2	04/11/2005	3,200	NA	50	15	220	500	NA	11	NA	NA	NA	NA	NA	NA	NA	66.33	31.67	34.66	3.53/0.40
MW-2	07/12/2005	3,200	NA	41	13	280	290	NA	10	<10	<10	<10	<25	NA	NA	<250	66.33	33.93	32.40	1.0/1.0

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	10/21/2005	4,300	NA	96	16	420	350	NA	11	NA	NA	NA	NA	NA	NA	NA	66.33	37.19	29.14	2.3/2.0
MW-2	01/09/2006	1,900	NA	34	8.3	160	250	NA	2.3	NA	NA	NA	NA	NA	NA	NA	66.33	33.39	32.94	4.0/3.3
MW-2	04/17/2006	<50.0	NA	1.58	0.690	15.0	24.6	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	66.33	28.41	37.92	3.96/2.43
MW-2	07/13/2006	2,600	NA	19.2	3.23	136	140	NA	1.63	<0.500	<0.500	<0.500	<10.0	NA	NA	<50.0	66.33	32.10	34.23	3.32/3.22
MW-2	10/19/2006	6,840	NA	41.6	7.77	293	279	NA	2.68	<0.500	NA	NA	NA	<0.500	<0.500	NA	66.33	35.83	30.50	3.0/1.5
MW-2	01/02/2007	2,300	NA	25	5.8	210	210	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	NA	66.33	35.80	30.53	3.2/2.4
MW-2	04/20/2007	1,700 p,q	NA	23	5.1	160	183	NA	0.93 r	<2.0	<2.0	<2.0	<10	0.61	<1.0	<100	66.33	35.64	30.69	3.50/1.83
MW-2	07/19/2007	650 p,q	NA	24	2.9	69	57.4	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	66.33	37.68	28.65	3.87/3.39
MW-2	10/17/2007	120 p	NA	6.4	0.60 r	7.4	6.55 r	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	66.33	39.17	27.16	2.23/2.19
MW-2	01/10/2008	1,200 p	NA	34	4.9	170	150	NA	30	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	66.33	37.50	28.83	1.9/1.2
MW-2	04/24/2008	1,400	NA	22	3.3	120	87.9	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	66.33	36.10	30.23	3.86/3.46
MW-2	08/26/2008	650	NA	11	<1.0	7.3	3.9	NA	3.1	<2.0	<2.0	<2.0	<10	NA	NA	<100	66.33	39.71	26.62	2.27/1.86
MW-2	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2A	12/24/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.29	40.32	25.97	NA
MW-2A	12/29/2008	1,400	NA	4.2	<1.0	12	11	NA	15	<2.0	<2.0	<2.0	<10	NA	NA	NA	66.29	40.41	25.88	0.55/1.32
MW-2A	02/05/2009	2,000	NA	5.5	<1.0	32	32	NA	39	NA	NA	NA	NA	NA	NA	NA	66.29	39.63	26.66	1.39/0.71
MW-2A	04/20/2009	20,000	NA	21	7.4	980	860	NA	19	NA	NA	NA	NA	NA	NA	NA	66.29	36.12	30.17	NA
MW-2A	**09/01/2009**	**10,000**	**NA**	**<10**	**<20**	**170**	**110**	**NA**	**140**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**66.29**	**39.91**	**26.38**	**0.50/0.55**
MW-3	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	42.00	24.31	NA
MW-3	06/03/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	44.30	22.01	NA
MW-3	09/01/1992	<50	NA	<0.5	<0.5	1.1	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	43.62	22.69	NA
MW-3	12/07/1992	52	NA	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	44.77	21.54	NA
MW-3	03/01/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	35.50	30.81	NA
MW-3	06/22/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	37.30	29.01	NA
MW-3	09/09/1993	50 a	NA	5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	39.90	26.41	NA
MW-3	12/13/1993	120 a	NA	7.5	<0.5	1.6	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	41.30	25.01	NA
MW-3	03/03/1994	<50	NA	0.81	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.31	38.32	27.99	NA
MW-3	07/27/1994	<50	NA	3.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.07	26.45	NA
MW-3	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.37	26.15	NA
MW-3	10/05/1994	<57	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	42.55	24.97	NA
MW-3	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	41.86	25.66	NA
MW-3	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	42.59	24.93	NA

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MW-3	01/04/1995	<50	NA	6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	40.54	26.98	NA
MW-3	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	31.50	36.02	NA
MW-3	07/12/1995	90	NA	16	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	35.14	32.38	NA
MW-3	12/14/1995	4,600	NA	460	390	34	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	39.86	27.66	NA
MW-3	01/10/1996	11,000	NA	470	460	68	670	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	39.98	27.54	NA
MW-3	04/25/1996	5,500	NA	830	910	<50	460	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	32.38	35.14	NA
MW-3	07/09/1996	72,000	NA	7,600	14,000	970	5,900	59,000	NA	NA	NA	NA	NA	NA	NA	NA	67.52	34.93	32.59	NA
MW-3	10/02/1996	77,000	NA	15,000	24,000	2,000	9,600	94,000	71,000	NA	NA	NA	NA	NA	NA	NA	67.52	38.20	29.32	NA
MW-3	01/09/1997	130	NA	15	16	2	9.7	80	NA	NA	NA	NA	NA	NA	NA	NA	67.52	32.81	34.71	NA
MW-3	04/09/1997	24,000	NA	2,900	5,300	420	2,200	4,100	NA	NA	NA	NA	NA	NA	NA	NA	67.52	33.42	34.10	NA
MW-3 (D)	04/09/1997	24,000	NA	3,000	5,600	450	2,300	4,700	NA	NA	NA	NA	NA	NA	NA	NA	67.52	33.42	34.10	NA
MW-3	07/02/1997	68,000	NA	7,400	18,000	1,600	8,700	16,000	NA	NA	NA	NA	NA	NA	NA	NA	67.52	37.22	30.30	NA
MW-3	10/24/1997	93,000	NA	1,800	8,500	2,300	14,000	3,100	NA	NA	NA	NA	NA	NA	NA	NA	67.52	40.75	26.77	1.8
MW-3	01/08/1998	16,000	NA	140	870	22	5,000	120	NA	NA	NA	NA	NA	NA	NA	NA	67.52	36.90	30.62	2.1
MW-3 (D)	01/08/1998	24,000	NA	100	840	26	5,600	<100	NA	NA	NA	NA	NA	NA	NA	NA	67.52	36.90	30.62	2.1
MW-3	04/14/1998 b	100,000	NA	270	5,000	2,100	17,000	890	NA	NA	NA	NA	NA	NA	NA	NA	67.52	26.92	40.60	1.8
MW-3 (D)	04/14/1998 b	49,000	NA	230	3,200	1,200	8,900	790	NA	NA	NA	NA	NA	NA	NA	NA	67.52	26.92	40.60	1.8
MW-3	07/15/1998	31,000	NA	1,100	3,300	300	2,800	3,700	NA	NA	NA	NA	NA	NA	NA	NA	67.52	31.74	35.78	2
MW-3	10/13/1998	51,000	NA	3,100	12,000	7,630	6,800	6,200	NA	NA	NA	NA	NA	NA	NA	NA	67.52	35.61	31.91	2.1
MW-3 (D)	10/13/1998	88,000	NA	5,800	21,000	1,400	12,000	9200	NA	NA	NA	NA	NA	NA	NA	NA	67.52	35.61	31.91	2.1
MW-3	01/22/1999	25,100	NA	855	4,400	786	5,260	1,850	1,500	<2.0	<2.0	<2.0	<100	<100	<100	<500	67.52	35.29	32.23	0.8
MW-3	04/16/1999	7,800	NA	150	550	160	1,100	370	NA	NA	NA	NA	NA	NA	NA	NA	67.52	32.29	35.23	1.0
MW-3	07/22/1999	1,970	NA	51.2	160	43.1	286	179	109	NA	NA	NA	NA	NA	NA	NA	67.52	26.67	40.85	3.1/3.0
MW-3	12/08/1999	12,500	NA	171	537	141	1,260	717	NA	NA	NA	NA	NA	NA	NA	NA	67.52	38.34	29.18	3.1/2.9
MW-3	01/07/2000	6,020	NA	<10.0	929	177	1,170	217	NA	NA	NA	NA	NA	NA	NA	NA	67.52	38.87	28.65	3.2/2.6
MW-3	04/05/2000	3,890	NA	120	351	67.8	576	231	NA	NA	NA	NA	NA	NA	NA	NA	67.52	31.08	36.44	3.4/3.8
MW-3	07/12/2000	23,300	NA	592	4,690	672	4,620	1,340	NA	NA	NA	NA	NA	NA	NA	NA	67.52	34.80	32.72	0.4/3.7
MW-3	10/19/2000	6,280	NA	124	1,280	229	1,510	311	NA	NA	NA	NA	NA	NA	NA	NA	67.52	37.34	30.18	2.1/2.9
MW-3	01/15/2001	4,800	NA	7.04	70.0	70.9	380	54.7	NA	NA	NA	NA	NA	NA	NA	NA	67.52	37.65	29.87	2.7/2.5
MW-3	04/30/2001	<50	NA	<0.50	<0.50	<0.50	1.8	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	67.52	35.25	32.27	1.8/1.6
MW-3	07/20/2001	2,900	NA	11	100	120	520	NA	48	NA	NA	NA	NA	NA	NA	NA	67.52	37.71	29.81	1.2/3.4
MW-3	10/24/2001 g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.52	39.35	28.17	0.5
MW-3	10/31/2001	1,700	NA	4.5	43	43	230	NA	17	NA	NA	NA	NA	NA	NA	NA	67.52	39.30	28.22	0.8/3.0
MW-3	01/03/2002	12,000	NA	26	410	490	2,800	NA	99	NA	NA	NA	NA	NA	NA	NA	67.52	35.51	32.01	1.4/1.2

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MW-3	04/05/2002	22,000	NA	76	930	710	4,500	NA	390	NA	NA	NA	NA	NA	NA	NA	67.52	34.56	32.96	1.7/1.9
MW-3	07/11/2002	13,000	NA	23	340	320	1,800	NA	120	NA	NA	NA	NA	NA	NA	NA	67.52	36.65	30.87	1.0/2.2
MW-3	10/28/2002	1,500	NA	<0.50	2.6	13	83	NA	45	NA	NA	NA	NA	NA	NA	NA	66.93	38.85	28.08	1.2/1.1
MW-3	01/07/2003	5,500	NA	8.3	150	130	1,000	NA	130	NA	NA	NA	NA	NA	NA	NA	66.93	34.64	32.29	3.2/3.1
MW-3	04/14/2003	14,000	NA	23	250	470	3,200	NA	330	NA	NA	NA	NA	NA	NA	NA	66.93	35.90	31.03	1.6/2.1
MW-3	07/01/2003	12,000	NA	19	100	440	2,700	NA	250	<10	<10	<10	<25	<2.5	<2.5	<250	66.93	35.70	31.23	0.9/1.0
MW-3	10/08/2003	300	NA	<0.50	0.84	3.0	16	NA	3.7	NA	NA	NA	NA	NA	NA	NA	66.93	39.25	27.68	0.4/2.6
MW-3	01/15/2004	3,500	NA	<5.0	9.4	59	340	NA	54	NA	NA	NA	NA	NA	NA	NA	66.93	36.74	30.19	2.8/3.1
MW-3	04/09/2004	8,500	NA	7.4	53	290	1,600	NA	140	NA	NA	NA	NA	NA	NA	NA	66.93	35.47	31.46	2.1/2.0
MW-3	07/13/2004	3,500	NA	<5.0	<5.0	18	64	NA	24	<20	<20	<20	<50	NA	NA	<500	66.93	38.10	28.83	1.33/1.05
MW-3	11/05/2004	3,000	NA	<5.0	9.3	35	160	NA	43	NA	NA	NA	NA	NA	NA	NA	66.93	39.44	27.49	6.1/6.7
MW-3	01/10/2005	6,000	NA	3.3	12	89	620	NA	140	NA	NA	NA	NA	NA	NA	NA	66.93	36.58	30.35	2.6/1.0
MW-3	04/11/2005	3,000	NA	2.1	8.0	87	420	NA	63	NA	NA	NA	NA	NA	NA	NA	66.93	32.34	34.59	0.19/0.17
MW-3	07/12/2005	5,000	NA	3.8	5.3	190	760	NA	120	<4.0	<4.0	<4.0	33	NA	NA	<100	66.93	34.62	32.31	2.4/2.9
MW-3	10/21/2005	180	NA	<0.50	0.59	3.7	8.4	NA	9.3	NA	NA	NA	NA	NA	NA	NA	66.93	37.80	29.13	0.4/2.2
MW-3	01/09/2006	3,100	NA	0.94	6.1	96	270	NA	26	NA	NA	NA	NA	NA	NA	NA	66.93	34.01	32.92	0.5/0.6
MW-3	04/17/2006	2,700	NA	<0.500	1.13	32.0	95.3	NA	9.55	NA	NA	NA	NA	NA	NA	NA	66.93	28.87	38.06	2.35/2.60
MW-3	07/13/2006	1,090	NA	<0.500	<0.500	17.2	28.6	NA	15.0	<0.500	<0.500	<0.500	<10.0	NA	NA	<50.0	66.93	32.80	34.13	0.8/0.6
MW-3	10/19/2006	8,720	NA	1.22	4.56	92.9	216	NA	34.8	<0.500	NA	NA	NA	<0.500	<0.500	NA	66.93	36.54	30.39	2.1/2.25
MW-3	01/02/2007	3,600	NA	0.57	3.3	68	140	NA	17	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	NA	66.93	36.52	30.41	0.86/0.99
MW-3	04/20/2007	220 p	NA	<0.50	0.37 r	6.2	9.9	NA	5.3	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	66.93	36.32	30.61	2.23/2.65
MW-3	07/19/2007	150 p,q	NA	<0.50	0.36 r	3.8	8.03 r	NA	6.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	66.93	38.47	28.46	2.84/2.69
MW-3	10/17/2007	<50 p	NA	<0.50	0.30 r	2.7	5.90 r	NA	2.8	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	66.93	39.80	27.13	4.01/3.21
MW-3	01/10/2008	270 p	NA	<0.50	<0.50	1.3	3.3	NA	0.26 r	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	66.93	38.13	28.80	0.1/0.3
MW-3	04/24/2008	290	NA	<0.50	<1.0	7.0	12.5	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	66.93	36.79	30.14	2.42/3.04
MW-3	08/26/2008	420	NA	<0.50	<1.0	<1.0	4.8	NA	2.9	<2.0	<2.0	<2.0	<10	NA	NA	<100	66.93	40.25	26.68	2.12/1.91
MW-3	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3A	12/24/2008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67.23	41.29	25.94	NA
MW-3A	12/29/2008	820	NA	<0.50	<1.0	9.9	34	NA	13	<2.0	<2.0	<2.0	<10	NA	NA	NA	67.23	41.11	26.12	0.60/1.42
MW-3A	02/05/2009	2,400	NA	<0.50	<1.0	140	150	NA	19	NA	NA	NA	NA	NA	NA	NA	67.23	40.66	26.57	2.01/1.06
MW-3A	04/20/2009	2,600	NA	0.72	<1.0	180	71	NA	19	NA	NA	NA	NA	NA	NA	NA	67.23	37.09	30.14	NA
MW-3A	**09/01/2009**	**760**	**NA**	**0.58**	**<1.0**	**18**	**6.3**	**NA**	**17**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**67.23**	**40.91**	**26.32**	**0.50/0.35**

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	07/27/1994	120	NA	3.4	3.9	0.6	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	41.78	26.30	NA
MW-4	08/09/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.09	25.99	NA
MW-4	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.25	24.83	NA
MW-4 (D)	10/05/1994	<50	NA	<0.3	<0.3	<0.3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.25	24.83	NA
MW-4	11/11/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	42.54	25.54	NA
MW-4	12/29/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	43.34	24.74	NA
MW-4	01/04/1995	<50	NA	1.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	41.57	26.51	NA
MW-4	04/14/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	32.24	35.84	NA
MW-4	07/12/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	35.88	32.20	NA
MW-4	12/14/1995	70	NA	0.6	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	40.54	27.54	NA
MW-4	01/10/1996	280	NA	3.7	1	<0.5	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	39.59	28.49	NA
MW-4	04/25/1996	<500	NA	63	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	33.22	34.86	NA
MW-4	07/09/1996	<2,000	NA	160	<20	<20	<20	5,300	NA	NA	NA	NA	NA	NA	NA	NA	68.08	35.70	32.38	NA
MW-4	10/02/1996	<5,000	NA	480	<50	<50	<50	19,000	NA	NA	NA	NA	NA	NA	NA	NA	68.08	38.95	29.13	NA
MW-4	01/09/1997	<2,000	NA	43	<20	<20	<20	7,000	NA	NA	NA	NA	NA	NA	NA	NA	68.08	33.04	35.04	NA
MW-4	04/09/1997	<2,500	NA	120	<25	<25	<25	8,100	NA	NA	NA	NA	NA	NA	NA	NA	68.08	34.15	33.93	NA
MW-4	07/02/1997	<2,000	NA	81	<20	<20	<20	6,600	NA	NA	NA	NA	NA	NA	NA	NA	68.08	37.92	30.16	NA
MW-4	10/24/1997	<500	NA	90	<5.0	11	6.3	3,200	NA	NA	NA	NA	NA	NA	NA	NA	68.08	41.00	27.08	2.1
MW-4	01/08/1998	<50	NA	3.9	<0.50	<0.50	<0.50	1,800	NA	NA	NA	NA	NA	NA	NA	NA	68.08	37.54	30.54	2.2
MW-4	04/14/1998 b	920	NA	<0.50	<0.50	<0.50	<0.50	27	NA	NA	NA	NA	NA	NA	NA	NA	68.08	27.75	40.33	1.2
MW-4	07/15/1998	2,100	NA	160	76	120	190	2,600	NA	NA	NA	NA	NA	NA	NA	NA	68.08	32.47	35.61	1.8
MW-4	10/13/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	17	NA	NA	NA	NA	NA	NA	NA	NA	68.08	36.75	31.33	1.1
MW-4	01/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	7.1	13	<2.0	<2.0	<2.0	<100	<0.500	<0.500	<500	68.08	36.41	31.67	1.6
MW-4	04/16/1999	1,800	NA	92	35	110	200	1,800	2,750	NA	NA	NA	NA	NA	NA	NA	68.08	33.00	35.08	1.2
MW-4	07/22/1999	Well Inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.08	27.59	40.49	NA
MW-4	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	22.6	NA	NA	NA	NA	NA	NA	NA	NA	68.08	39.04	29.04	2.5/2.6
MW-4	01/07/2000	871	NA	39.4	69.0	71.6	99.6	1,030	NA	NA	NA	NA	NA	NA	NA	NA	68.08	39.35	28.73	1.2/1.2
MW-4	04/05/2000	475	NA	26.9	5.24	19.8	41.5	681	NA	NA	NA	NA	NA	NA	NA	NA	68.08	31.28	36.80	1.6/1.8
MW-4	07/12/2000	1,040	NA	35.7	6.95	125	104	1,040	NA	NA	NA	NA	NA	NA	NA	NA	68.08	35.52	32.56	0.5/4.9
MW-4	10/19/2000	944	NA	23.9	6.57	122	109	372	NA	NA	NA	NA	NA	NA	NA	NA	68.08	38.08	30.00	2.3/1.4
MW-4	01/15/2001	1,170	NA	21.6	1.51	123	52.8	592	NA	NA	NA	NA	NA	NA	NA	NA	68.08	38.31	29.77	1.7/1.9
MW-4	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	26	NA	NA	NA	NA	NA	NA	NA	68.08	35.80	32.28	1.3/1.0
MW-4	07/20/2001	2,000	NA	16	5.8	230	270	NA	520	NA	NA	NA	NA	NA	NA	NA	68.08	38.46	29.62	1.6/1.8
MW-4	10/24/2001	1,000	NA	6.9	<1.0	96	44	NA	270	NA	NA	NA	NA	NA	NA	NA	68.08	40.02	28.06	0.7/0.9

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	01/03/2002	390	NA	3.0	<0.50	19	5.9	NA	230	NA	NA	NA	NA	NA	NA	NA	68.08	35.71	32.37	1.2/1.9
MW-4	04/05/2002	150	NA	0.57	<0.50	3.8	<0.50	NA	250	NA	NA	NA	NA	NA	NA	NA	68.08	35.25	32.83	1.6/1.6
MW-4	07/11/2002	530	NA	2.6	<0.50	46	4.6	NA	280	NA	NA	NA	NA	NA	NA	NA	68.08	37.39	30.69	0.8/1.9
MW-4	10/28/2002	110	NA	<0.50	<0.50	1.8	<0.50	NA	180	NA	NA	NA	NA	NA	NA	NA	67.52	39.55	27.97	1.1/0.9
MW-4	01/07/2003	210	NA	0.72	<0.50	12	1.5	NA	140	NA	NA	NA	NA	NA	NA	NA	67.52	35.24	32.28	2.1/2.2
MW-4	04/14/2003	220	NA	0.77	<0.50	9.8	1.2	NA	160	NA	NA	NA	NA	NA	NA	NA	67.52	36.62	30.90	1.9/1.5
MW-4	07/01/2003	61	NA	<0.50	<0.50	<0.50	<1.0	NA	84	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50 c	67.52	36.49	31.03	0.6/0.7
MW-4	10/08/2003	120	NA	<0.50	<0.50	4.4	<1.0	NA	87	NA	NA	NA	NA	NA	NA	NA	67.52	39.96	27.56	2.6/1.5
MW-4	01/15/2004	120	NA	<0.50	<0.50	1.3	<1.0	NA	71	NA	NA	NA	NA	NA	NA	NA	67.52	37.28	30.24	3.5/3.4
MW-4	04/09/2004	390	NA	<0.50	1.1	3.5	19	NA	79	NA	NA	NA	NA	NA	NA	NA	67.52	36.15	31.37	4.3/1.6
MW-4	07/13/2004	89	NA	<0.50	<0.50	<0.50	<1.0	NA	63	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	67.52	39.00	28.52	0.82/0.75
MW-4	11/05/2004	120 k	NA	<0.50	<0.50	<0.50	<1.0	NA	39	NA	NA	NA	NA	NA	NA	NA	67.52	40.13	27.39	5.2/6.0
MW-4	01/10/2005	140	NA	<0.50	<0.50	<0.50	<1.0	NA	44	NA	NA	NA	NA	NA	NA	NA	67.52	37.27	30.25	0.1/0.5
MW-4	04/11/2005	75 k	NA	<0.50	<0.50	<0.50	<1.0	NA	17	NA	NA	NA	NA	NA	NA	NA	67.52	32.92	34.60	0.29/0.18
MW-4	07/12/2005	78	NA	<0.50	<0.50	<0.50	<1.0	NA	21	<2.0	<2.0	<2.0	6.0	NA	NA	<50	67.52	35.35	32.17	1.7/1.5
MW-4	10/21/2005	76	NA	<0.50	<0.50	<0.50	<1.0	NA	27	NA	NA	NA	NA	NA	NA	NA	67.52	38.57	28.95	2.2/1.8
MW-4	01/09/2006	<50	NA	<0.50	<0.50	<0.50	0.51	NA	14	NA	NA	NA	NA	NA	NA	NA	67.52	34.67	32.85	0.6/0.9
MW-4	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.60	NA	NA	NA	NA	NA	NA	NA	67.52	29.68	37.84	1.09/1.54
MW-4	07/13/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	6.53	<0.500	<0.500	<0.500	<10.0	NA	NA	<50.0	67.52	33.62	33.90	1.54/2.64
MW-4	10/19/2006	110	NA	<0.500	0.510	<0.500	1.63 j,n	NA	37.2	<0.500	NA	NA	NA	<0.500	<0.500	NA	67.52	37.18	30.34	0.75/1.50
MW-4	01/02/2007	59	NA	<0.50	<0.50	<0.50	<1.0	NA	22	<2.0	<2.0	<2.0	31	<0.50	<0.50	NA	67.52	37.24	30.28	0.42/0.63
MW-4	04/20/2007	88 p	NA	<0.50	<1.0	<1.0	<1.0	NA	17	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	67.52	34.02	33.50	1.20/0.81
MW-4	07/19/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	25	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	67.52	39.17	28.35	0.23/0.07
MW-4	10/17/2007	96 p	NA	<0.50	<1.0	<1.0	<1.0	NA	27	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	67.52	40.47	27.05	0.50/0.12
MW-4	01/10/2008	94 p	NA	<0.50	<0.50	<0.50	<0.50	NA	16	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	67.52	38.72	28.80	0.7/0.7
MW-4	04/24/2008	83	NA	<0.50	<1.0	<1.0	<1.0	NA	15	NA	NA	NA	NA	NA	NA	NA	67.52	37.48	30.04	1.66/2.05
MW-4	08/26/2008	68	NA	<0.50	<1.0	<1.0	<1.0	NA	12	<2.0	<2.0	<2.0	<10	NA	NA	<100	67.52	40.96	26.56	0.26/0.34
MW-4	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5*	06/04/1999	159,000	NA	7,190	39,300	2,450	16,700	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	66.50	33.48	33.02	1.7
MW-5	06/04/1999	80,400	NA	4,400	26,000	1,480	11,000	3,660	NA	NA	NA	NA	NA	NA	NA	NA	66.50	33.48	33.02	1.9
MW-5	07/22/1999	97,200	NA	4,580	25,600	1,580	10,100	<5,000	4,330	NA	NA	NA	NA	NA	NA	NA	66.50	33.29	33.21	1.7/1.8
MW-5	12/08/1999	72,000	NA	3,360	16,600	1,560	8,320	3,460	NA	NA	NA	NA	NA	NA	NA	NA	66.50	37.80	28.70	1.7/1.9
MW-5	01/07/2000	104,000	NA	5,370	30,400	2,500	13,900	3,330	NA	NA	NA	NA	NA	NA	NA	NA	66.50	38.40	28.10	1.6/1.2

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-5	04/05/2000	99,700	NA	5,710	37,000	2,410	14,200	10,800	NA	NA	NA	NA	NA	NA	NA	NA	66.50	30.72	35.78	1.7/1.5
MW-5	07/12/2000	106,000	NA	3,840	38,200	2,980	18,100	3,280	NA	NA	NA	NA	NA	NA	NA	NA	66.50	34.42	32.08	0.2/1.8
MW-5	10/19/2000	72,400	NA	3,010	32,200	2,440	15,400	2,840	NA	NA	NA	NA	NA	NA	NA	NA	66.50	36.89	29.61	1.0/2.7
MW-5	01/15/2001	78,300	NA	2,220	21,400	1,960	12,200	3,420	1,370	NA	NA	NA	NA	NA	NA	NA	66.50	37.10	29.40	1.2/1.0
MW-5	04/30/2001	83,000	NA	1,400	23,000	2,300	14,000	NA	3,400	NA	NA	NA	NA	NA	NA	NA	66.50	34.75	31.75	0.6/0.8
MW-5	07/20/2001 f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.50	37.40	29.10	0.5
MW-5	07/24/2001	160,000	NA	2,400	37,000	3,800	24,000	NA	1,400	NA	NA	NA	NA	NA	NA	NA	66.50	37.30	29.20	0.7/0.8
MW-5	10/24/2001 g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.50	39.00	27.50	NA
MW-5	10/31/2001	14,000	NA	150	2,700	450	2,300	NA	110	<2.0	<2.0	<2.0	<50	NA	NA	<500	66.50	39.05	27.45	0.4/0.8
MW-5	01/03/2002	62,000	NA	660	12,000	1,700	11,000	NA	860	NA	NA	NA	NA	NA	NA	NA	66.50	35.15	31.35	0.4/0.3
MW-5	04/05/2002	81,000	NA	1,500	19,000	2,400	13,000	NA	2,400	NA	NA	NA	NA	NA	NA	NA	66.50	34.18	32.32	1.7/1.4
MW-5	07/11/2002	140,000	NA	1,900	26,000	3,400	20,000	NA	1,700	NA	NA	NA	NA	NA	NA	NA	66.50	36.28	30.22	0.5/0.6
MW-5	10/28/2002	30,000	NA	340	4,900	830	5,200	NA	<200	NA	NA	NA	NA	NA	NA	NA	66.50	38.44	28.06	0.6/0.9
MW-5	01/07/2003	72,000	NA	720	13,000	1,900	10,000	NA	1,100	NA	NA	NA	NA	NA	NA	NA	66.50	34.17	32.33	1.4/1.1
MW-5	04/14/2003	110,000	NA	900	19,000	3,000	20,000	NA	1,400	NA	NA	NA	NA	NA	NA	NA	66.50	35.52	30.98	0.8/0.6
MW-5	07/01/2003	94,000	NA	970	22,000	3,300	20,000	NA	2,900	<500	<500	<500	<1,300	<130	<130	<13,000 c	66.50	35.37	31.13	1.1/1.0
MW-5	10/08/2003	26,000	NA	290	3,000	960	5,000	NA	300	NA	NA	NA	NA	NA	NA	NA	66.50	38.87	27.63	0.4/0.4
MW-5	01/15/2004	88,000	NA	880	18,000	3,400	19,000	NA	1,500	NA	NA	NA	NA	NA	NA	NA	66.50	36.15	30.35	3.5/2.0
MW-5	04/09/2004	1,100,000	NA	990	26,000	4,400	23,000	NA	3,500	NA	NA	NA	NA	NA	NA	NA	66.50	35.07	31.43	1.1/0.9
MW-5	06/21/2004	76,000	NA	830	18,000	3,400	21,000	NA	1,400	NA	NA	NA	NA	NA	NA	NA	66.50	37.20	29.30	1.5/1.1
MW-5	07/13/2004	91,000	NA	650	14,000	3,500	20,000	NA	1,200	<200	<200	<200	<500	NA	NA	<5,000	66.50	37.80	28.70	1.00/0.96
MW-5	11/05/2004	5,700	NA	<20	400	190	1,100	NA	<20	NA	NA	NA	NA	NA	NA	NA	66.50	39.09	27.41	4.0/5.1
MW-5	01/10/2005	130,000	NA	360	14,000	5,100	35,000	NA	900	NA	NA	NA	NA	NA	NA	NA	66.50	36.22	30.28	0.2/0.1
MW-5	04/11/2005	100,000	NA	220	9,300	3,800	25,000	NA	12,000	NA	NA	NA	NA	NA	NA	NA	66.50	31.85	34.65	0.08/0.21
MW-5	07/12/2005	130,000	NA	530	19,000	6,300	42,000	NA	1,900	<200	<200	<200	730	NA	NA	<5,000	66.50	34.23	32.27	0.9/0.9
MW-5	10/21/2005	190,000	NA	550	18,000	6,700	35,000	NA	920	NA	NA	NA	NA	NA	NA	NA	66.50	37.51	28.99	0.2/0.3
MW-5	01/09/2006	72,000	NA	400	8,700	4,700	18,000	NA	1,300	NA	NA	NA	NA	NA	NA	NA	66.50	33.61	32.89	0.2/0.4
MW-5	04/17/2006	149,000	NA	277	8,630	4,470	24,600	NA	1,930	NA	NA	NA	NA	NA	NA	NA	66.50	28.47	38.03	0.78/0.58
MW-5	07/13/2006	134,000	NA	234	6,050	4,970	26,300	NA	1,160	<0.500	<0.500	<0.500	868	NA	NA	<50.0	66.50	32.47	34.03	0.5/0.3
MW-5	10/19/2006	35,500	NA	275	1,100 o	4,920	23,100	NA	206	<0.500	NA	NA	NA	<0.500	<0.500	NA	66.50	36.09	30.41	0.75/0.50
MW-5	01/02/2007	77,000	NA	240	12,000	4,500	28,000	NA	380	<10	<10	<10	780	<2.5	<2.5	NA	66.50	36.18	30.32	0.33/0.62
MW-5	04/20/2007	78,000 p,q	NA	280	16,000	9,100	45,000	NA	640	<20	<20	<20	430	7.1	<10	<1,000	66.50	35.86	30.64	0.05/0.04
MW-5	07/19/2007	20,000 p	NA	230	9,900	4,100	25,000	NA	380	<400	<400	<400	<2,000	<100	<200	<20,000	66.50	38.04	28.46	0.08/0.10
MW-5	10/17/2007	30,000 p	NA	0.51	7.0	13	72	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	66.50	39.44	27.06	0.04/0.03

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-5	01/10/2008	51,000 p	NA	63	2,000	2,700	14,000	NA	97	<25	<25	<25	<500	<25	<25	<2,500	66.50	39.74	26.76	0.3/0.2
MW-5	04/24/2008	93,000	NA	110	7,800	4,000	22,700	NA	<100	NA	NA	NA	NA	NA	NA	NA	66.50	36.35	30.15	1.13/1.17
MW-5	08/26/2008	48,000	NA	53	3,700	2,800	14,300	NA	200	<200	<200	<200	<1,000	NA	NA	<10,000	66.50	39.88	26.62	0.16/0.08
MW-5	12/29/2008	51,000	NA	51	950	2,100	12,000	NA	<100	NA	NA	NA	NA	NA	NA	NA	66.50	40.67	25.83	0.74/1.03
MW-5	02/05/2009	45,000	NA	<50	930	2,300	14,000	NA	<100	NA	NA	NA	NA	NA	NA	NA	66.50	39.94	26.56	0.17/0.26
MW-5	04/20/2009	80,000	NA	58	2,500	4,200	26,000	NA	460	NA	NA	NA	NA	NA	NA	NA	66.50	36.43	30.07	NA
MW-5	**09/01/2009**	**68,000**	**NA**	**<50**	**1,400**	**3,000**	**17,000**	**NA**	**130**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**66.50**	**40.11**	**26.39**	**1.10/1.20**
MW-6*	06/04/1999	36,000	NA	4,240	1,680	1,100	4,160	11,300	17,500	NA	NA	NA	NA	NA	NA	NA	64.98	32.13	32.85	1.3
MW-6	06/04/1999	56,900	NA	6,830	6,050	1,970	9,060	17,000	24,300	NA	NA	NA	NA	NA	NA	NA	64.98	32.13	32.85	1.3
MW-6	07/22/1999	42,800	NA	4,660	740	1,210	4,980	15,600	20,100	NA	NA	NA	NA	NA	NA	NA	64.98	32.09	32.89	2.9/2.1
MW-6	12/08/1999	9,520	NA	1,760	58.0	142	384	9,320	7,310 c	NA	NA	NA	NA	NA	NA	NA	64.98	36.62	28.36	2.9/2.2
MW-6	01/07/2000	20,000	NA	3,650	367	949	1,700	13,600	13,100	NA	NA	NA	NA	NA	NA	NA	64.98	37.03	27.95	1.2/1.4
MW-6	04/05/2000	20,500 e	NA	4,190 e	1,250 e	1,200 e	2,750 e	18,600 e	12,700 c	NA	NA	NA	NA	NA	NA	NA	64.98	29.37	35.61	1.2/1.2
MW-6	07/12/2000	27,300	NA	4,000	3,170	1,470	4,570	12,900	10,800 c	NA	NA	NA	NA	NA	NA	NA	64.98	33.04	31.94	0.8/0.4
MW-6	10/19/2000	39,600	NA	4,050	6,250	1,920	7,800	14,200	14,600 c	NA	NA	NA	NA	NA	NA	NA	64.98	35.62	29.36	1.4/1.7
MW-6	01/15/2001	64,800	NA	2,090	20,400	1,860	11,100	<1,250	NA	NA	NA	NA	NA	NA	NA	NA	64.98	35.91	29.07	1.2/1.5
MW-6	04/30/2001	27,000	NA	2,300	3,200	1,100	4,600	NA	6,800	NA	NA	NA	NA	NA	NA	NA	64.98	33.70	31.28	1.6/1.2
MW-6	07/20/2001	29,000	NA	2,100	1,900	1,100	5,600	NA	7,100	NA	NA	NA	NA	NA	NA	NA	64.98	35.98	29.00	1.0/0.7
MW-6	10/24/2001	38,000	NA	1,400	690	1,400	5,700	NA	4,800	<10	<10	<10	1,100	NA	NA	<500	64.98	37.55	27.43	1.0/0.6
MW-6	01/03/2002	10,000	NA	810	120	260	1,100	NA	4,100	NA	NA	NA	NA	NA	NA	NA	64.98	33.34	31.64	0.8/0.6
MW-6	04/05/2002	19,000	NA	1,100	1,100	510	3,000	NA	4,300	NA	NA	NA	NA	NA	NA	NA	64.98	34.60	30.38	1.1/1.5
MW-6	07/11/2002	26,000	NA	1,100	550	1,200	4,400	NA	5,400	NA	NA	NA	NA	NA	NA	NA	64.98	35.02	29.96	0.1/0.7
MW-6	10/28/2002	11,000	NA	230	56	140	540	NA	2,500	NA	NA	NA	NA	NA	NA	NA	65.10	37.78	27.32	0.7/1.1
MW-6	01/07/2003	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.10	32.95	32.15	NA
MW-6	01/10/2003	17,000	NA	840	1,200	1,100	2,700	NA	3,400	NA	NA	NA	NA	NA	NA	NA	65.10	32.75	32.35	0.4/0.3
MW-6	04/14/2003	31,000	NA	810	420	1,300	4,000	NA	3,800	NA	NA	NA	NA	NA	NA	NA	65.10	34.95	30.15	3.6/1.0
MW-6	07/01/2003	1,400	NA	88	44	<10	160	NA	1,900	<40	<40	<40	340	<10	<10	<1,000 c	65.10	34.77	30.33	1.2/1.5
MW-6	10/08/2003	26,000	NA	720	92	1,100	1,800	NA	3,500	NA	NA	NA	NA	NA	NA	NA	65.10	37.57	27.53	0.5/0.6
MW-6	01/15/2004	7,300	NA	250	110	340	750	NA	1,100	NA	NA	NA	NA	NA	NA	NA	65.10	35.40	29.70	1.0/3.2
MW-6	04/09/2004	20,000	NA	590	1,700	1,200	3,300	NA	2,400	NA	NA	NA	NA	NA	NA	NA	65.10	33.70	31.40	2.1/3.3
MW-6	07/13/2004	1,700	NA	24	<10	58	84	NA	1,600	<40	<40	<40	320	NA	NA	<1,000	65.10	36.42	28.68	1.11/0.93
MW-6	11/05/2004	24,000	NA	310	33	650	1,900	NA	2,000	NA	NA	NA	NA	NA	NA	NA	65.10	37.64	27.46	3.0/1.2
MW-6	01/10/2005	17,000	NA	120	6.4	270	590	NA	520	NA	NA	NA	NA	NA	NA	NA	65.10	34.77	30.33	0.2/0.1

WELL CONCENTRATIONS
Shell-branded Service Station
1285 Bancroft Avenue
San Leandro, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-6	04/11/2005	12,000	NA	290	300	650	1,100	NA	1,400	NA	NA	NA	NA	NA	NA	NA	65.10	31.19	33.91	0.10/0.14
MW-6	07/12/2005	21,000	NA	440	660	1,400	2,600	NA	2,700	<50	<50	<50	1,500	NA	NA	<1,300	65.10	32.85	32.25	1.6/1.7
MW-6	10/21/2005	9,000	NA	260	28	500	420	NA	1,500	NA	NA	NA	NA	NA	NA	NA	65.10	35.85	29.25	0.2/0.3
MW-6	01/09/2006	400	NA	10	1.2	6.6	7.5	NA	110 m	NA	NA	NA	NA	NA	NA	NA	65.10	32.18	32.92	0.2/0.3
MW-6	04/17/2006	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.10	27.09	38.01	NA
MW-6	05/02/2006	7,400	NA	101	57.5	156	276	NA	596	NA	NA	NA	NA	NA	NA	NA	65.10	26.98	38.12	0.26/0.31
MW-6	07/13/2006	8,030	NA	119	91.8	305	384	NA	745	<0.500	<0.500	<0.500	370	NA	NA	<50.0	65.10	31.08	34.02	1.62/1.22
MW-6	10/19/2006	3,230	NA	175	25.3	431	416	NA	1,020	<0.500	NA	NA	NA	<0.500	<0.500	NA	65.10	34.68	30.42	3.5/2.75
MW-6	01/02/2007	6,000	NA	150	10	140	78	NA	750	<10	<10	<10	1,300	<2.5	<2.5	NA	65.10	34.75	30.35	0.17/0.49
MW-6	04/20/2007	4,100 p	NA	110	14	91	165	NA	550	<2.0	<2.0	<2.0	500	2.8	<1.0	<100	65.10	34.55	30.55	0.07/0.05
MW-6	07/19/2007	1,700 p	NA	44	2.5	15	8.71 r	NA	240	<4.0	<4.0	<4.0	450	<1.0	<2.0	<200	65.10	36.72	28.38	2.37/0.25
MW-6	10/17/2007	480 p	NA	6.8	<1.0	0.50 r	<1.0	NA	65	<2.0	<2.0	<2.0	220	<0.50	<1.0	<100	65.10	37.95	27.15	0.27/0.21
MW-6	01/10/2008	2,900 p	NA	38	<2.5	24	15	NA	170	<2.5	<2.5	<2.5	<50	<2.5	<2.5	<250	65.10	36.30	28.80	1.3/2.1
MW-6	04/24/2008	3,500	NA	59	11	46	73	NA	300	NA	NA	NA	NA	NA	NA	NA	65.10	34.94	30.16	1.89/2.05
MW-6	08/26/2008	<50	NA	<0.50	<1.0	<1.0	2.0	NA	9.8	<2.0	<2.0	<2.0	<10	NA	NA	<100	65.10	38.40	26.70	1.60/0.28
MW-6	12/29/2008	790	NA	12	17	18	75	NA	68	NA	NA	NA	NA	NA	NA	NA	65.10	39.00	26.10	0.50/1.58
MW-6	02/05/2009	980	NA	14	6.5	10	30	NA	83	NA	NA	NA	NA	NA	NA	NA	65.10	38.36	26.74	1.13/1.03
MW-6	04/20/2009	5,500	NA	22	23	110	420	NA	110	NA	NA	NA	NA	NA	NA	NA	65.10	34.99	30.11	NA
MW-6	**09/01/2009**	**6,400**	**NA**	**68**	**28**	**170**	**420**	**NA**	**140**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**65.10**	**38.70**	**26.40**	**0.79/1.02**
MW-7*	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	65.83	33.03	32.80	1.4
MW-7	06/04/1999	<50.0	NA	0.663	<0.500	0.677	<0.500	11.7	NA	NA	NA	NA	NA	NA	NA	NA	65.83	33.03	32.80	1.4
MW-7	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA	NA	NA	NA	NA	NA	65.83	33.09	32.74	2.7/2.4
MW-7	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	65.83	37.68	28.15	2.7/2.4
MW-7	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	37.87	27.96	2.8/2.6
MW-7	04/05/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	30.30	35.53	2.8/3.1
MW-7	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	33.92	31.91	0.9/0.7
MW-7	10/19/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	36.51	29.32	1.5/1.8
MW-7	01/15/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	65.83	36.73	29.10	4.7/4.3
MW-7	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	34.25	31.58	4.2/2.2
MW-7	07/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	36.88	28.95	1.8/1.7
MW-7	10/24/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	38.45	27.38	1.4/1.5
MW-7	01/03/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	34.52	31.31	1.2/1.8
MW-7	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	34.51	31.32	1.7/1.4

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-7	07/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.83	35.77	30.06	4.5/2.5
MW-7	10/28/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.84	37.70	28.14	0.4/0.8
MW-7	01/07/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	65.84	33.76	32.08	2.24/1.9
MW-7	04/14/2003	80	NA	2.2	1.1	3.0	9.0	NA	21	NA	NA	NA	NA	NA	NA	NA	65.84	34.99	30.85	2.7/1.9
MW-7	07/01/2003	<50	NA	<0.50	0.75	<0.50	1.1	NA	0.77	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	65.84	34.79	31.05	0.7/0.9
MW-7	10/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	38.37	27.47	1.7/1.8
MW-7	01/15/2004	<50	NA	3.3	1.2	2.7	4.2	NA	18	NA	NA	NA	NA	NA	NA	NA	65.84	35.64	30.20	2.5/3.6
MW-7	04/09/2004	<50	NA	<0.50	<0.50	0.56	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	34.56	31.28	2.0/1.6
MW-7	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	37.30	28.54	0.71/1.10
MW-7	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	38.50	27.34	3.2/3.4
MW-7	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	35.64	30.20	0.8/0.3
MW-7	04/11/2005	<50 l	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	31.41	34.43	2.00/1.38
MW-7	07/12/2005	51 k	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	33.78	32.06	2.7/3.2
MW-7	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	36.92	28.92	2.3/2.3
MW-7	01/09/2006	<50	NA	<0.50	<0.50	<0.50	0.56	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.84	33.04	32.80	0.2/1.4
MW-7	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	65.84	28.00	37.84	3.11/3.69
MW-7	07/13/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	65.84	32.00	33.84	2.29/2.75
MW-7	10/19/2006	<50.0	NA	<0.500	<0.500	<0.500	1.25 j,n	NA	<0.500	<0.500	NA	NA	NA	<0.500	<0.500	NA	65.84	35.57	30.27	3.0/3.25
MW-7	01/02/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	NA	65.84	35.64	30.20	1.93/2.64
MW-7	04/20/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	65.84	35.42	30.42	0.03/0.04
MW-7	07/19/2007	<50 p	NA	<0.50	1.6	0.75 r	3.81 r	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	65.84	37.65	28.19	2.8/1.9
MW-7	10/17/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	65.84	38.88	26.96	0.9/1.5
MW-7	01/10/2008	<50 p	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	65.84	37.13	28.71	1.2/1.3
MW-7	04/24/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.84	35.81	30.03	2.58/3.71
MW-7	08/26/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.84	38.66	27.18	2.34/1.72
MW-7	12/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.84	38.95	26.89	0.46/3.38
MW-7	02/05/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.84	39.38	26.46	0.99/2.39
MW-7	04/20/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.84	35.88	29.96	NA
MW-7	**09/01/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**65.84**	**39.72**	**26.12**	**0.54/0.47**
MW-8*	06/04/1999	<50	NA	<0.500	<0.500	<0.500	<0.500	452	NA	NA	NA	NA	NA	NA	NA	NA	65.07	32.19	32.88	2.1
MW-8	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	186	NA	NA	NA	NA	NA	NA	NA	NA	65.07	32.19	32.88	1.8
MW-8	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	286	443	NA	NA	NA	NA	NA	NA	NA	65.07	32.14	32.93	2.9/2.7
MW-8	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	65.07	36.75	28.32	2.9/2.7

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-8	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	255	NA	NA	NA	NA	NA	NA	NA	NA	65.07	37.15	27.92	1.8/2.0
MW-8	04/05/2000	<50.0 e	NA	<0.500 e	<0.500 e	<0.500 e	<0.500 e	247 e	NA	NA	NA	NA	NA	NA	NA	NA	65.07	29.45	35.62	2.1/2.5
MW-8	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	123	NA	NA	NA	NA	NA	NA	NA	NA	65.07	33.13	31.94	0.5/0.5
MW-8	10/19/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	123	NA	NA	NA	NA	NA	NA	NA	NA	65.07	35.72	29.35	1.2/1.8
MW-8	01/15/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	173	NA	NA	NA	NA	NA	NA	NA	NA	65.07	36.00	29.07	0.5/1.0
MW-8	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	120	NA	NA	NA	NA	NA	NA	NA	65.07	33.48	31.59	1.4/1.0
MW-8	07/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	NA	NA	NA	NA	NA	NA	NA	65.07	36.12	28.95	1.0/1.2
MW-8	10/24/2001	<100	NA	<1.0	<1.0	<1.0	<1.0	NA	360	NA	NA	NA	NA	NA	NA	NA	65.07	37.73	27.34	1.4/0.5
MW-8	01/03/2002	290	NA	<0.50	<0.50	<0.50	<0.50	NA	18	NA	NA	NA	NA	NA	NA	NA	65.07	35.37	29.70	1.2/1.1
MW-8	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	100	NA	NA	NA	NA	NA	NA	NA	65.07	35.40	29.67	1.2/1.3
MW-8	07/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	230	NA	NA	NA	NA	NA	NA	NA	65.07	35.05	30.02	0.3/0.4
MW-8	10/28/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	NA	NA	NA	NA	NA	NA	NA	65.08	37.25	27.83	1.1/1.2
MW-8	01/07/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	97	NA	NA	NA	NA	NA	NA	NA	65.08	33.01	32.07	1.4/1.7
MW-8	04/14/2003	<50	NA	<0.50	<0.50	<0.50	1.1	NA	130	NA	NA	NA	NA	NA	NA	NA	65.08	34.29	30.79	2.5/0.9
MW-8	07/01/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	430	<10	<10	<10	<25	<2.5	<2.5	<250	65.08	34.04	31.04	0.6/0.8
MW-8	10/08/2003	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	240	NA	NA	NA	NA	NA	NA	NA	65.08	37.58	27.50	0.6/0.7
MW-8	01/15/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	78	NA	NA	NA	NA	NA	NA	NA	65.08	35.00	30.08	1.3/2.0
MW-8	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	82	NA	NA	NA	NA	NA	NA	NA	65.08	33.68	31.40	1.7/2.4
MW-8	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	120	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	65.08	36.75	28.33	2.18/1.74
MW-8	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	91	NA	NA	NA	NA	NA	NA	NA	65.08	37.78	27.30	1.8/2.5
MW-8	01/10/2005	54 k	NA	<0.50	<0.50	<0.50	<1.0	NA	76	NA	NA	NA	NA	NA	NA	NA	65.08	35.15	29.93	0.1/0.2
MW-8	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	28	NA	NA	NA	NA	NA	NA	NA	65.08	30.57	34.51	0.41/0.18
MW-8	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	36	<2.0	<2.0	<2.0	6.6	NA	NA	<50	65.08	32.94	32.14	1.4/2.2
MW-8	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	31	NA	NA	NA	NA	NA	NA	NA	65.08	36.16	28.92	0.4/0.5
MW-8	01/09/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	2.3	NA	NA	NA	NA	NA	NA	NA	65.08	32.53	32.55	0.5/0.7
MW-8	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	17.6	NA	NA	NA	NA	NA	NA	NA	65.08	27.48	37.60	2.65/3.31
MW-8	07/13/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	9.74	<0.500	<0.500	<0.500	<10.0	NA	NA	<50.0	65.08	31.14	33.94	0.91/1.23
MW-8	10/19/2006	<50.0	NA	<0.500	<0.500	<0.500	0.780 j,n	NA	12.6	<0.500	NA	NA	NA	<0.500	<0.500	NA	65.08	34.79	30.29	2.5/3.0
MW-8	01/02/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.0	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	NA	65.08	34.88	30.20	0.48/0.77
MW-8	04/20/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	8.1	<2.0	<2.0	<2.0	<10	<0.50	<1.0	NA	65.08	34.63	30.45	0.03/0.02
MW-8	07/19/2007	<50 p	NA	<0.50	0.92 r	0.36 r	1.95 r	NA	13	<2.0	<2.0	<2.0	<10	<0.50	<1.0	110	65.08	36.80	28.28	0.75/0.06
MW-8	10/17/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	11	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	65.08	38.08	27.00	0.15/0.09
MW-8	01/10/2008	<50 p	NA	<0.50	<0.50	<0.50	<0.50	NA	9.4	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	65.08	36.55	28.53	0.3/1.2
MW-8	04/24/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	8.9	NA	NA	NA	NA	NA	NA	NA	65.08	35.06	30.02	1.33/1.05

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MW-8	08/26/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	8.4	<2.0	<2.0	<2.0	<10	NA	NA	<100	65.08	38.12	26.96	0.65/0.21
MW-8	12/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	8.8	NA	NA	NA	NA	NA	NA	NA	65.08	39.11	25.97	0.53/1.65
MW-8	02/05/2009	980	NA	<0.50	<1.0	<1.0	<1.0	NA	6.4	NA	NA	NA	NA	NA	NA	NA	65.08	38.68	26.40	0.89/0.11
MW-8	04/20/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	9.5	NA	NA	NA	NA	NA	NA	NA	65.08	35.32	29.76	NA
MW-8	**09/01/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**8.2**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**65.08**	**38.89**	**26.19**	**0.45/0.54**
MW-9	03/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.55	34.05	31.50	NA
MW-9	04/09/2004	16,000	NA	460	330	980	3,000	NA	900	NA	NA	NA	NA	NA	NA	NA	65.55	34.02	31.53	1.6/1.4
MW-9	07/13/2004	9,600	NA	190	91	640	1,500	NA	810	<40	<40	<40	340	NA	NA	<1,000	65.55	36.90	28.65	0.77/0.80
MW-9	11/05/2004	6,300	NA	130	24	470	840	NA	450	NA	NA	NA	NA	NA	NA	NA	65.55	38.05	27.50	9.1/8.2
MW-9	01/10/2005	6,100	NA	130	80	450	1,000	NA	280	NA	NA	NA	NA	NA	NA	NA	65.55	35.42	30.13	1.67/0.29
MW-9	04/11/2005	1,100	NA	40	21	99	220	NA	120	NA	NA	NA	NA	NA	NA	NA	65.55	31.71	33.84	0.90/0.33
MW-9	07/12/2005	2,200	NA	56	19	180	350	NA	290	<4.0	<4.0	<4.0	210	NA	NA	<100	65.55	33.32	32.23	1.0/2.7
MW-9	10/21/2005	8,300	NA	190	59	610	1,100	NA	930	NA	NA	NA	NA	NA	NA	NA	65.55	36.50	29.05	0.4/0.3
MW-9	01/09/2006	6,100	NA	170	100	460	950	NA	560	NA	NA	NA	NA	NA	NA	NA	65.55	32.75	32.80	0.8/0.4
MW-9	04/17/2006	<50.0	NA	5.89	4.25	17.4	38.1	NA	15.8	NA	NA	NA	NA	NA	NA	NA	65.55	28.06	37.49	1.30/2.72
MW-9	07/13/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	1.49	<0.500	<0.500	<0.500	<10.0	NA	NA	<50.0	65.55	31.53	34.02	2.1/2.4
MW-9	10/19/2006	10,600	NA	85.5	22.7	335	442	NA	510	<0.500	NA	NA	NA	<0.500	<0.500	NA	65.55	34.98	30.57	1.00/2.25
MW-9	01/02/2007	7,700	NA	160	53	740	1,100	NA	470	<2.0	<2.0	<2.0	600	<0.50	<0.50	NA	65.55	35.37	30.18	0.62/0.54
MW-9	04/20/2007	5,000 p	NA	130	40	490	451	NA	310	<2.0	<2.0	<2.0	350	3.4	<1.0	<100	65.55	35.00	30.55	0.61/0.92
MW-9	07/19/2007	3,500 p,q	NA	79	15	390	303	NA	240	<2.0	<2.0	<2.0	290	<0.50	<1.0	<100	65.55	37.20	28.35	2.38/0.02
MW-9	10/17/2007	1,600 p	NA	55	6.9	280	244.2 r	NA	170	<10	<10	<10	160	<2.5	<5.0	<500	65.55	38.48	27.07	1.45/2.65
MW-9	01/10/2008	1,200 p	NA	29	5.5	160	150	NA	48	<5.0	<5.0	<5.0	<100	<5.0	<5.0	<500	65.55	36.78	28.77	1.1/0.1
MW-9	04/24/2008	1,900	NA	36	6.9	160	151	NA	65	NA	NA	NA	NA	NA	NA	NA	65.55	35.43	30.12	2.87/2.26
MW-9	08/26/2008	720	NA	14	1.6	68	39	NA	46	<2.0	<2.0	<2.0	86	NA	NA	<100	65.55	38.97	26.58	1.85/0.67
MW-9	12/29/2008	1,200	NA	10	23	69	190	NA	28	NA	NA	NA	NA	NA	NA	NA	65.55	39.50	26.05	2.59/3.31
MW-9	02/05/2009	590	NA	5.8	8.4	36	100	NA	14	NA	NA	NA	NA	NA	NA	NA	65.55	39.48	26.07	2.97/2.36
MW-9	04/20/2009	2,500	NA	52	13	190	240	NA	65	NA	NA	NA	NA	NA	NA	NA	65.55	35.52	30.03	NA
MW-9	**09/01/2009**	**910**	**NA**	**27**	**3.7**	**54**	**34**	**NA**	**45**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**65.55**	**39.23**	**26.32**	**1.73/0.41**
MW-10	03/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	64.36	32.74	31.62	NA
MW-10	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	17	NA	NA	NA	NA	NA	NA	NA	64.36	33.20	31.16	1.6/1.0
MW-10	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	130	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	64.36	36.05	28.31	1.95/2.04
MW-10	11/05/2004	140 k	NA	<0.50	<0.50	<0.50	<1.0	NA	55	NA	NA	NA	NA	NA	NA	NA	64.36	37.16	27.20	2.8/3.4

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MW-10	01/10/2005	60 k	NA	<0.50	<0.50	<0.50	<1.0	NA	22	NA	NA	NA	NA	NA	NA	NA	64.36	34.48	29.88	0.3/0.2
MW-10	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	40	NA	NA	NA	NA	NA	NA	NA	64.36	30.01	34.35	0.06/0.04
MW-10	07/12/2005	51 k	NA	<0.50	<0.50	<0.50	<1.0	NA	31	<2.0	<2.0	<2.0	290	NA	NA	<50	64.36	32.40	31.96	1.9/1.9
MW-10	10/21/2005	63 k	NA	<0.50	<0.50	<0.50	<1.0	NA	7.2	NA	NA	NA	NA	NA	NA	NA	64.36	35.54	28.82	0.3/0.5
MW-10	01/09/2006	69	NA	<0.50	<0.50	<0.50	<0.50	NA	9.0	NA	NA	NA	NA	NA	NA	NA	64.36	31.90	32.46	0.2/0.2
MW-10	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	31.6	NA	NA	NA	NA	NA	NA	NA	64.36	26.82	37.54	0.68/1.26
MW-10	07/13/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	2.36	<0.500	<0.500	<0.500	25.2	NA	NA	<50.0	64.36	30.56	33.80	0.65/1.39
MW-10	10/19/2006	<50.0	NA	<0.500	<0.500	<0.500	0.650 j,n	NA	6.72	<0.500	NA	NA	NA	<0.500	<0.500	NA	64.36	34.20	30.16	0.75/1.2
MW-10	01/02/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	14	<2.0	<2.0	<2.0	420	<0.50	<0.50	NA	64.36	34.27	30.09	0.42/0.87
MW-10	04/20/2007	130 p	NA	3.8	<1.0	0.14 r	<1.0	NA	11	<2.0	<2.0	<2.0	610	<0.50	<1.0	<100	64.36	33.98	30.38	0.04/0.03
MW-10	07/19/2007	150 p	NA	<0.50	<1.0	<1.0	<1.0	NA	11	<2.0	<2.0	<2.0	380	<0.50	<1.0	<100	64.36	36.28	28.08	0.10/0.41
MW-10	10/17/2007	260 p	NA	<0.50	<1.0	<1.0	<1.0	NA	35	<2.0	<2.0	<2.0	470	<0.50	<1.0	<100	64.36	37.54	26.82	0.10/0.14
MW-10	01/10/2008	55 p	NA	<0.50	<0.50	<0.50	<0.50	NA	4.9	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	64.36	35.90	28.46	0.6/0.3
MW-10	04/24/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	8.6	NA	NA	NA	NA	NA	NA	NA	64.36	34.36	30.00	0.69/1.62
MW-10	08/26/2008	83	NA	<0.50	<1.0	<1.0	<1.0	NA	20	<2.0	<2.0	<2.0	71	NA	NA	<100	64.36	37.82	26.54	0.18/0.32
MW-10	12/29/2008	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	64.36	38.94	25.42	NA
MW-10	02/05/2009	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	64.36	38.20	26.16	NA
MW-10	04/20/2009	<50	NA	0.62	<1.0	<1.0	<1.0	NA	6.4	NA	NA	NA	NA	NA	NA	NA	64.36	34.61	29.75	NA
MW-10	**09/01/2009**	**Dry**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**64.36**	**NA**	**NA**	**NA**
MW-11	03/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	63.54	32.05	31.49	NA
MW-11	04/09/2004	<50	NA	<0.50	0.64	1.6	3.8	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	32.51	31.03	2.3/4.3
MW-11	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	63.54	32.79	30.75	1.73/2.10
MW-11	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	36.44	27.10	4.8/6.2
MW-11	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	33.70	29.84	3.2/3.4
MW-11	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	29.48	34.06	0.24/0.19
MW-11	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	63.54	31.72	31.82	3.9/5.2
MW-11	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	35.00	28.54	1.1/3.8
MW-11	01/09/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.54	31.18	32.36	2.6/3.8
MW-11	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	63.54	26.16	37.38	4.15/5.06
MW-11	07/13/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	<50.0	63.54	30.00	33.54	3.50/5.45
MW-11	10/19/2006	<50.0	NA	<0.500	<0.500	<0.500	0.570 j,n	NA	<0.500	<0.500	NA	NA	NA	<0.500	<0.500	NA	63.54	33.50	30.04	3.9/4.3
MW-11	01/02/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	NA	63.54	33.57	29.97	2.39/3.17
MW-11	04/20/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	63.54	33.33	30.21	2.62/2.08

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-11	07/19/2007	<50 p	NA	<0.50	0.33 r	<1.0	0.57 r	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	120	63.54	35.56	27.98	3.37/1.16
MW-11	10/17/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	63.54	36.78	26.76	3.05/2.98
MW-11	01/10/2008	<50 p	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	63.54	35.12	28.42	1.9/2.2
MW-11	04/24/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	63.54	33.79	29.75	4.44/4.36
MW-11	08/26/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	<100	63.54	36.71	26.83	2.22/1.36
MW-11	12/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	63.54	37.79	25.75	0.33/5.41
MW-11	02/05/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	63.54	37.33	26.21	3.01/1.26
MW-11	04/20/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	63.54	33.93	29.61	NA
MW-11	**09/01/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**63.54**	**37.69**	**25.85**	**0.54/0.39**
MW-12	03/15/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.58	33.97	31.61	NA
MW-12	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	34.60	30.98	3.4/5.7
MW-12	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	65.58	37.15	28.43	2.13/2.57
MW-12	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	38.39	27.19	5.4/6.3
MW-12	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	35.54	30.04	5.6/4.5
MW-12	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	31.36	34.22	0.26/0.31
MW-12	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	65.58	33.68	31.90	4.8/5.3
MW-12	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	36.81	28.77	3.5/4.5
MW-12	01/09/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	65.58	33.02	32.56	1.5/4.0
MW-12	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	65.58	28.06	37.52	6.09/5.41
MW-12	07/13/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	<50.0	65.58	32.03	33.55	3.65/4.12
MW-12	10/19/2006	<50.0	NA	<0.500	<0.500	<0.500	1.33	NA	<0.500	<0.500	NA	NA	NA	<0.500	<0.500	NA	65.58	35.47	30.11	5.8/5.7
MW-12	01/02/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	NA	65.58	35.50	30.08	2.1/3.6
MW-12	04/20/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	65.58	35.25	30.33	3.59/4.12
MW-12	07/19/2007	<50 p	NA	<0.50	0.29 r	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	110	65.58	37.57	28.01	0.11/2.64
MW-12	10/17/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	65.58	38.76	26.82	1.47/2.17
MW-12	01/10/2008	<50 p	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	65.58	37.02	28.56	2.6/2.1
MW-12	04/24/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.58	35.71	29.87	4.88/4.26
MW-12	08/26/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	<100	65.58	38.10	27.48	0.29/1.62
MW-12	12/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.58	39.77	25.81	0.66/4.93
MW-12	02/05/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.58	38.16	27.42	0.26/0.21
MW-12	04/20/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	65.58	35.90	29.68	NA
MW-12	**09/01/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**65.58**	**39.62**	**25.96**	**0.39/0.36**

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
IW-1	06/04/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-1	07/22/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	<2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-1	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-1	01/07/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-1	04/05/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.85	NA	NA
IW-1	07/12/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IW-1	10/19/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7/1.8
IW-1	01/15/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.35	NA	1.0/1.2
IW-1	04/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	31.74	NA	1.4/3.8
IW-1	07/20/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	34.38	NA	3.0/4.0
IW-1	10/24/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	36.28	NA	5.8/7.0
IW-1	01/03/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	31.96	NA	3.1/3.1
IW-1	04/05/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	32.00	NA	2.8/2.9
IW-1	07/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	33.22	NA	4.6/4.6
IW-1	10/28/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	35.55	NA	1.7/1.9
IW-1	01/07/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	31.20 h	NA	1.4/1.0
IW-1	04/14/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	32.35	NA	3.9/4.3
IW-1	07/01/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.64	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	NA	33.03	NA	3.7/4.9
IW-1	10/08/2003	<50	NA	1.1	<0.50	3.5	5.7	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	35.75	NA	3.8/4.8
IW-1	01/15/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	i	NA	4.0/6.0
IW-1	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	32.04	NA	4.0/5.1
IW-1	07/13/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	NA	35.21	NA	5.21/5.72
IW-1	11/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	35.96	NA	5.3/5.9
IW-1	01/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	33.08	NA	4.8/3.7
IW-1	04/11/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	32.03	NA	3.76/3.14
IW-1	07/12/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	NA	<50	NA	31.32	NA	5.3/5.8
IW-1	10/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.12	34.49	28.63	4.5/5.1
IW-1	01/09/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	63.12	30.55	32.57	5.6/5.1
IW-1	04/17/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	NA	NA	NA	63.12	25.58	37.54	5.00/5.17
IW-1	07/13/2006	<50.0	NA	<0.500	<0.500	<0.500	<1.50	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	NA	<50.0	63.12	29.60	33.52	4.81/4.89
IW-1	10/19/2006	<50.0	NA	<0.500	<0.500	<0.500	1.14	NA	<0.500	<0.500	NA	NA	NA	<0.500	<0.500	NA	63.12	32.85	30.27	4.6/4.8
IW-1	01/02/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	63.12	33.15	29.97	NA
IW-1	04/20/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	63.12	32.88	30.24	4.86/5.02
IW-1	07/19/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	210	63.12	35.07	28.05	6.78/4.49

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
IW-1	10/17/2007	<50 p	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	<0.50	<1.0	<100	63.12	36.42	26.70	3.98/5.12
IW-1	01/10/2008	<50 p	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<50	63.12	34.58	28.54	0.8/2.2
IW-1	04/24/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	63.12	30.32	32.80	4.11/3.90
IW-1	08/26/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	NA	<100	63.12	36.52	26.60	3.20/2.91
IW-1	12/29/2008	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	63.12	39.08	24.04	0.49/5.03
IW-1	02/05/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	63.12	36.50	26.62	3.68
IW-1	04/20/2009	<50	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	63.12	33.34	29.78	NA
IW-1	**09/01/2009**	**<50**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**63.12**	**37.12**	**26.00**	**4.44/4.29**

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to April 30, 2001, analyzed by EPA Method 8015.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to April 30, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B.
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B.
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B.
TBA = Tertiary butyl alcohol or Tertiary butanol, analyzed by EPA Method 8260B.
1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260B.
EDB = Ethylene Dibromide, analyzed by EPA Method 8260B.
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
n/n = Pre-purge/post-purge DO reading.
NA = Not applicable

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San Leandro, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

a = Chromatogram pattern indicated an unidentified hydrocarbon.

b = Equipment blank contained 80 ug/L TPH-G, 1.2 ug/L benzene, 17 ug/L toluene, 3.2 ug/L ethylbenzene, 16 ug/L xylenes, and 15 ug/L MTBE.

c = Sample was analyzed outside the EPA recommended holding time.

d = DO Reading not taken.

e = Result was generated out of hold time.

f = Stinger broke off in well; removed on subsequent return trip.

g = Unable to complete sample due to equipment failure.

h = Depth to water at five minutes purge time.

i = Unable to gauge; sounder will not fit down access port.

j = Result may be elevated due to carry over from previously analyzed sample.

k = Quantity of unknown hydrocarbons in sample based on gasoline.

l = The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

m = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.

n = Insufficient sample available for reanalysis.

o = Concentration exceeds the calibration range and therefore result is semi-quantitative.

p = Analyzed by EPA Method 8015B (M).

q = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

r = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

* = Pre-purge samples.

Ethanol analyzed by EPA Method 8260B.

TOC elevation of wells MW-1, MW-2, and MW-3 resurveyed March 29, 1994.

Site surveyed on June 21, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed on March 14, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-9, MW-10, MW-11, and MW-12 surveyed on February 24, 2004 by Virgil Chavez Land Surveying of Vallejo, CA.

Well "Irrigation Well" surveyed on October 25, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

Well "IW-1" previously named "Irrigation Well."

APPENDIX C

HISTORICAL HYDROCARBON MASS REMOVAL

Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
09/02/98	MW-1	130	130	07/15/98	<50	0.00003	0.00003	2.5	0.00000	0.00000	12	0.00001	0.00001
07/30/99	MW-1	0	130	07/22/99	<50	0.00000	0.00003	<0.500	0.00000	0.00000	2.17	0.00000	0.00001
08/05/99	MW-1	0	130	07/22/99	<50	0.00000	0.00003	<0.500	0.00000	0.00000	2.17	0.00000	0.00001
08/11/99	MW-1	0	130	07/22/99	<50	0.00000	0.00003	<0.500	0.00000	0.00000	2.17	0.00000	0.00001
08/12/99	MW-1	0	130	07/22/99	<50	0.00000	0.00003	<0.500	0.00000	0.00000	2.17	0.00000	0.00001
08/13/99	MW-1	400	530	07/22/99	<50	0.00008	0.00011	<0.500	0.00000	0.00000	2.17	0.00001	0.00002
08/19/99	MW-1	278	808	07/22/99	<50	0.00006	0.00017	<0.500	0.00000	0.00000	2.17	0.00001	0.00003
08/30/99	MW-1	240	1048	07/22/99	<50	0.00005	0.00022	<0.500	0.00000	0.00000	2.17	0.00000	0.00003
09/09/99	MW-1	247	1295	07/22/99	<50	0.00005	0.00027	<0.500	0.00000	0.00001	2.17	0.00000	0.00003
09/02/98	MW-3	240	240	07/18/98	31,000	0.06208	0.06208	1,100	0.00220	0.00220	3,700	0.00741	0.00741
07/30/99	MW-3	0	130	07/22/99	1,970	0.00000	0.06208	51.2	0.00000	0.00220	109	0.00000	0.00741
08/05/99	MW-3	0	130	07/22/99	1,970	0.00000	0.06208	51.2	0.00000	0.00220	109	0.00000	0.00741
08/11/99	MW-3	0	530	07/22/99	1,970	0.00000	0.06208	51.2	0.00000	0.00220	109	0.00000	0.00741
08/12/99	MW-3	100	908	07/22/99	1,970	0.00164	0.06373	51.2	0.00004	0.00225	109	0.00009	0.00750
08/13/99	MW-3	450	1,358	07/22/99	1,970	0.00740	0.07112	51.2	0.00019	0.00244	109	0.00041	0.00791
08/19/99	MW-3	269	1,627	07/22/99	1,970	0.00442	0.07555	51.2	0.00011	0.00255	109	0.00024	0.00815
08/30/99	MW-3	204	1,831	07/22/99	1,970	0.00335	0.07890	51.2	0.00009	0.00264	109	0.00019	0.00834
09/09/99	MW-3	232	2,063	07/22/99	1,970	0.00381	0.08271	51.2	0.00010	0.00274	109	0.00021	0.00855
09/02/98	MW-5	147	147	NA	NA	0.00000	0.00000	NA	0.00000	0.00000	NA	0.00000	0.00000
07/30/99	MW-5	0	147	07/22/99	97,200	0.00000	0.00000	4,580	0.00000	0.00000	4,330	0.00000	0.00000
08/05/99	MW-5	0	147	07/22/99	97,200	0.00000	0.00000	4,580	0.00000	0.00000	4,330	0.00000	0.00000
08/11/99	MW-5	0	147	07/22/99	97,200	0.00000	0.00000	4,580	0.00000	0.00000	4,330	0.00000	0.00000
08/12/99	MW-5	0	147	07/22/99	97,200	0.00000	0.00000	4,580	0.00000	0.00000	4,330	0.00000	0.00000
08/13/99	MW-5	100	247	07/22/99	97,200	0.08111	0.08111	4,580	0.00382	0.00382	4,330	0.00361	0.00361
08/19/99	MW-5	247	494	07/22/99	97,200	0.20033	0.28144	4,580	0.00944	0.01326	4,330	0.00892	0.01254
08/30/99	MW-5	0	494	07/22/99	97,200	0.00000	0.28144	4,580	0.00000	0.01326	4,330	0.00000	0.01254
09/09/99	MW-5	65	559	07/22/99	97,200	0.05272	0.33416	4,580	0.00248	0.01575	4,330	0.00235	0.01489

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					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
11/28/00	MW-5	324	883	10/19/00	72,400	0.19574	0.52990	3,010	0.00814	0.02388	2,840	0.00768	0.02256
01/23/01	MW-5	375	1,258	01/15/01	78,300	0.24501	0.77491	2,220	0.00695	0.03083	1,370	0.00429	0.02685
02/16/01	MW-5	950	2,208	01/15/01	78,300	0.62069	1.39561	2,220	0.01760	0.04843	1,370	0.01086	0.03771
03/22/01	MW-5	500	2,708	01/15/01	78,300	0.32668	1.72229	2,220	0.00926	0.05769	1,370	0.00572	0.04343
04/23/01	MW-5	600	3,308	01/15/01	78,300	0.39202	2.11431	2,220	0.01111	0.06881	1,370	0.00686	0.05029
07/16/01	MW-5	165	3,473	04/30/01	83,000	0.11428	2.22858	1,400	0.00193	0.07073	3,400	0.00468	0.05497
08/23/01	MW-5	650	4,123	07/24/01	160,000	0.86781	3.09639	2,400	0.01302	0.08375	1,400	0.00759	0.06256
09/10/01	MW-5	450	4,573	07/24/01	160,000	0.60079	3.69719	2,400	0.00901	0.09276	1,400	0.00526	0.06782
10/30/01	MW-5	250	4,823	07/24/01	160,000	0.33377	4.03096	2,400	0.00501	0.09777	1,400	0.00292	0.07074
11/26/01	MW-5	260	5,083	10/31/01	14,000	0.03037	4.06134	150	0.00033	0.09809	110	0.00024	0.07098
12/17/01	MW-5	300	5,383	10/31/01	14,000	0.03505	4.09638	150	0.00038	0.09847	110	0.00028	0.07125
01/29/02	MW-5	725	6,108	01/03/02	62,000	0.37508	4.47146	660	0.00399	0.10246	860	0.00520	0.07645
07/24/02	MW-5	250	6,358	07/11/02	140,000	0.29205	4.76351	1,900	0.00396	0.10643	1,700	0.00355	0.08000
08/30/02	MW-5	95	6,453	07/11/02	140,000	0.11098	4.87449	1,900	0.00151	0.10793	1,700	0.00135	0.08135
09/26/02	MW-5	250	6,703	07/11/02	140,000	0.29205	5.16655	1,900	0.00396	0.11190	1,700	0.00355	0.08490
10/24/02	MW-5	150	6,853	07/11/02	140,000	0.17523	5.34178	1,900	0.00238	0.11427	1,700	0.00213	0.08702
11/19/02	MW-5	150	7,003	10/28/02	30,000	0.03755	5.37933	340	0.00043	0.11470	<200	0.00013	0.08715
12/26/02	MW-5	525	7,528	10/28/02	30,000	0.13142	5.51075	340	0.00149	0.11619	<200	0.00044	0.08759
01/15/03	MW-5	300	7,828	01/07/03	72,000	0.18024	5.69099	720	0.00180	0.11799	1,100	0.00275	0.09034
02/24/03	MW-5	300	8,128	01/07/03	72,000	0.18024	5.87123	720	0.00180	0.11979	1,100	0.00275	0.09309
03/24/03	MW-5	350	8,478	01/07/03	72,000	0.21028	6.08150	720	0.00210	0.12190	1,100	0.00321	0.09631
04/21/03	MW-5	850	9,328	04/14/03	110,000	0.78020	6.86170	900	0.00638	0.12828	1,400	0.00993	0.10624
05/21/03	MW-5	310	9,638	04/14/03	110,000	0.28454	7.14624	900	0.00233	0.13061	1,400	0.00362	0.10986
06/26/03	MW-5	300	9,938	04/14/03	110,000	0.27536	7.42161	900	0.00225	0.13286	1,400	0.00350	0.11336
07/24/03	MW-5	750	10,688	07/01/03	94,000	0.58828	8.00989	970	0.00607	0.13893	2,900	0.01815	0.13151
08/22/03	MW-5	250	10,938	07/01/03	94,000	0.19609	8.20598	970	0.00202	0.14095	2,900	0.00605	0.13756
09/25/03	MW-5	251	11,189	07/01/03	94,000	0.19688	8.40285	970	0.00203	0.14299	2,900	0.00607	0.14363
10/28/03	MW-5	236	11,425	10/08/03	26,000	0.05120	8.45406	290	0.00057	0.14356	300	0.00059	0.14423
11/26/03	MW-5	127	11,552	10/08/03	26,000	0.02755	8.48161	290	0.00031	0.14386	300	0.00032	0.14454

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Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
12/11/03	MW-5	200	11,752	10/08/03	26,000	0.04339	8.52500	290	0.00048	0.14435	300	0.00050	0.14504
01/08/04	MW-5	400	12,152	10/08/03	26,000	0.08678	8.61178	290	0.00097	0.14532	300	0.00100	0.14605
02/26/04	MW-5	700	12,852	01/15/04	88,000	0.51401	9.12579	880	0.00514	0.15046	1,500	0.00876	0.15481
03/15/04	MW-5	700	13,552	01/15/04	88,000	0.51401	9.63981	880	0.00514	0.15560	1,500	0.00876	0.16357
04/12/04	MW-5	50	13,602	04/09/04	110,000	0.04589	9.68570	990	0.00041	0.15601	3,500	0.00146	0.16503
05/06/04	MW-5	513	14,115	04/09/04	110,000	0.47087	10.15657	990	0.00424	0.16025	3,500	0.01498	0.18001
06/25/04	MW-5	400	14,515	04/09/04	110,000	0.36715	10.52372	990	0.00330	0.16355	3,500	0.01168	0.19169
07/23/04	MW-5	888	15,403	07/13/04	91,000	0.67429	11.19801	650	0.00482	0.16837	1,200	0.00889	0.20058
08/26/04	MW-5	1,100	16,503	07/13/04	91,000	0.83527	12.03328	650	0.00597	0.17433	1,200	0.01101	0.21160
09/24/04	MW-5	900	17,403	07/13/04	91,000	0.68340	12.71669	650	0.00488	0.17922	1,200	0.00901	0.22061
10/14/04	MW-5	300	17,703	07/13/04	91,000	0.22780	12.94449	650	0.00163	0.18084	1,200	0.00300	0.22362
11/22/04	MW-5	194	17,897	07/13/04	91,000	0.14731	13.09180	650	0.00105	0.18190	1,200	0.00194	0.22556
01/17/05	MW-5	468	18,365	01/10/05	130,000	0.50767	13.59947	360	0.00141	0.18330	900	0.00351	0.22907
11/28/00	MW-6	365	365	10/19/00	39,600	0.12061	0.12061	4,050	0.01234	0.01234	14,200	0.04325	0.04325
01/23/01	MW-6	482	847	01/15/01	64,800	0.26062	0.26062	2,090	0.00841	0.00841	<1,250	0.00251	0.04576
02/16/01	MW-6	650	1,497	01/15/01	64,800	0.35146	0.35146	2,090	0.01134	0.01134	<1,250	0.00339	0.04915
03/22/01	MW-6	980	2,477	01/15/01	64,800	0.52990	0.52990	2,090	0.01709	0.01709	<1,250	0.00511	0.05426
04/23/01	MW-6	900	3,377	01/15/01	64,800	0.48664	0.48664	2,090	0.01570	0.01570	<1,250	0.00469	0.05896
07/16/01	MW-6	700	4,077	04/30/01	27,000	0.15771	0.15771	2,300	0.01343	0.01343	6,800	0.03972	0.09868
08/23/01	MW-6	400	4,477	07/20/01	29,000	0.09679	0.09679	2,100	0.00701	0.00701	7,100	0.02370	0.12237
09/10/01	MW-6	600	5,077	07/20/01	29,000	0.14519	0.14519	2,100	0.01051	0.01051	7,100	0.03555	0.15792
10/30/01	MW-6	250	5,327	10/24/01	38,000	0.07927	0.07927	1,400	0.00292	0.00292	4,800	0.01001	0.16793
11/26/01	MW-6	150	5,477	10/24/01	38,000	0.04756	0.04756	1,400	0.00175	0.00175	4,800	0.00601	0.17394
12/17/01	MW-6	300	5,777	10/24/01	38,000	0.09513	0.09513	1,400	0.00350	0.00350	4,800	0.01202	0.18596
01/29/02	MW-6	100	5,877	01/03/02	10,000	0.00834	0.00834	810	0.00068	0.00068	4,100	0.00342	0.18938
02/19/02	MW-6	500	6,377	01/03/02	10,000	0.04172	0.04172	810	0.00338	0.00338	4,100	0.01711	0.20649
03/19/02	MW-6	200	6,577	01/03/02	10,000	0.01669	0.01669	810	0.00135	0.00135	4,100	0.00684	0.21333
04/24/02	MW-6	350	6,927	04/05/02	19,000	0.05549	0.05549	1,100	0.00321	0.00321	4,300	0.01256	0.22589

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Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
05/29/02	MW-6	300	7,227	04/05/02	19,000	0.04756	0.04756	1,100	0.00275	0.00275	4,300	0.01076	0.23665
06/26/02	MW-6	700	7,927	04/05/02	19,000	0.11098	0.11098	1,100	0.00643	0.00643	4,300	0.02512	0.26177
07/24/02	MW-6	250	8,177	07/11/02	26,000	0.05424	0.05424	1,100	0.00229	0.00229	5,400	0.01126	0.27303
08/30/02	MW-6	95	8,272	07/11/02	26,000	0.02061	0.02061	1,100	0.00087	0.00087	5,400	0.00428	0.27731
09/26/02	MW-6	250	8,522	07/11/02	26,000	0.05424	0.05424	1,100	0.00229	0.00229	5,400	0.01126	0.28858
10/24/02	MW-6	200	8,722	07/11/02	26,000	0.04339	0.04339	1,100	0.00184	0.00184	5,400	0.00901	0.29759
11/19/02	MW-6	200	8,922	10/28/02	11,000	0.01836	0.01836	230	0.00038	0.00038	2,500	0.00417	0.30176
12/26/02	MW-6	525	9,447	10/28/02	11,000	0.04819	0.04819	230	0.00101	0.00101	2,500	0.01095	0.31271
01/15/03	MW-6	830	10,277	01/10/03	17,000	0.11774	0.11774	840	0.00582	0.00582	3,400	0.02355	0.33626
02/24/03	MW-6	700	10,977	01/10/03	17,000	0.09930	0.09930	840	0.00491	0.00491	3,400	0.01986	0.35612
03/24/03	MW-6	650	11,627	01/10/03	17,000	0.09221	0.09221	840	0.00456	0.00456	3,400	0.01844	0.37456
04/21/03	MW-6	550	12,177	04/14/03	31,000	0.14227	0.14227	810	0.00372	0.00372	3,800	0.01744	0.39200
05/21/03	MW-6	612	12,789	04/14/03	31,000	0.15831	0.15831	810	0.00414	0.00414	3,800	0.01941	0.41141
06/26/03	MW-6	450	13,239	04/14/03	31,000	0.11640	0.11640	810	0.00304	0.00304	3,800	0.01427	0.42568
07/24/03	MW-6	1,200	14,439	07/01/03	1,400	0.01402	0.01402	88	0.00088	0.00088	1,900	0.01903	0.44470
08/22/03	MW-6	150	14,589	07/01/03	1,400	0.00175	0.00175	88	0.00011	0.00011	1,900	0.00238	0.44708
09/25/03	MW-6	251	14,840	07/01/03	1,400	0.00293	0.00293	88	0.00018	0.00018	1,900	0.00398	0.45106
10/28/03	MW-6	236	15,076	10/08/03	26,000	0.05120	0.05120	720	0.00142	0.00142	3,500	0.00689	0.45795
11/26/03	MW-6	127	15,203	10/08/03	26,000	0.02755	0.02755	720	0.00076	0.00076	3,500	0.00371	0.46166
12/11/03	MW-6	150	15,353	10/08/03	26,000	0.03254	0.03254	720	0.00090	0.00090	3,500	0.00438	0.46604
01/08/04	MW-6	400	15,753	10/08/03	26,000	0.08678	0.08678	720	0.00240	0.00240	3,500	0.01168	0.47772
02/20/04	MW-6	400	16,153	01/15/04	7,300	0.02437	0.02437	250	0.00083	0.00083	1,100	0.00367	0.48139
03/15/04	MW-6	400	16,553	01/15/04	7,300	0.02437	0.02437	250	0.00083	0.00083	1,100	0.00367	0.48507
04/12/04	MW-6	400	16,953	04/09/04	20,000	0.06675	0.06675	590	0.00197	0.00197	2,400	0.00801	0.49308
05/03/04	MW-6	293	17,246	04/09/04	20,000	0.04890	0.04890	590	0.00144	0.00144	2,400	0.00587	0.49894
06/25/04	MW-6	300	17,546	04/09/04	20,000	0.05007	0.05007	590	0.00148	0.00148	2,400	0.00601	0.50495
07/23/04	MW-6	0	17,546	07/13/04	1,700	0.00000	0.00000	24	0.00000	0.00000	1,600	0.00000	0.50495
08/26/04	MW-6	700	18,246	07/13/04	1,700	0.00993	0.00993	24	0.00014	0.00014	1,600	0.00935	0.51430
09/24/04	MW-6	600	18,846	07/13/04	1,700	0.00851	0.00851	24	0.00012	0.00012	1,600	0.00801	0.52231

Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
10/14/04	MW-6	480	19,326	07/13/04	1,700	0.00681	0.00681	24	0.00010	0.00010	1,600	0.00641	0.52872
11/22/04	MW-6	0	19,326	07/13/04	1,700	0.00000	0.00000	24	0.00000	0.00000	1,600	0.00000	0.52872
01/17/05	MW-6	819	20,145	01/10/05	17,000	0.11618	0.11618	120	0.00082	0.00082	520	0.00355	0.53227
Total Gallons Extracted:			**41,300**		**Total Pounds Removed:**		**17.87204**			**0.35710**			**0.76993**
					Total Gallons Removed:		**2.92984**			**0.04892**			**0.12418**

Abbreviations & Notes:

TPPH = Total purgeable hydrocarbons as gasoline
MtBE = Methyl tert-butyl ether
ppb = Parts per billion
gal = Gallon
Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10^6µg) x (pound/453.6g) x (3.785 L/gal)
Volume removal data based on the formula: density (in gms/cc) x 9.339 (ccxlbs/gmsxgals)
TPPH, benzene and MTBE analyzed by EPA Method 8260
If concentration is less than the laboratory detection limit, one half of the detection limit concentration is used in the mass removal calculation.
Groundwater extracted by vacuum trucks provided by ECI. Water disposed of at a Martinez Refinery.

Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California

							TPHg		Benzene		MTBE	
		Interval Hours of	System Flow	Hydrocarbon Concentrations			TPHg Removal	Cumulative TPHg	Benzene Removal	Cumulative Benzene	MTBE Removal	Cumulative MTBE
Date	Well ID	Operation (hours)	Rate (CFM)	TPHg	Benzene	MTBE	Rate (#/hour)	Removed (#)	Rate (#/hour)	Removed (#)	Rate (#/hour)	Removed (#)
				(Concentrations in ppmv)								
11/28/00	MW-5	4.00	6.8	2,060	57.4	38.0	0.187	0.749	0.005	0.019	0.004	0.014
12/19/00	MW-5	2.00	3.8	<2.84	<0.0314	<0.111	0.000	0.749	0.000	0.019	0.000	0.014
01/23/01	MW-5	4.00	9.5	6,060	11.3	118	0.770	3.828	0.001	0.024	0.015	0.075
02/16/01	MW-5	4.00	5.0	141	5.0	3.8	0.009	3.865	0.000	0.025	0.000	0.077
03/22/01	MW-5	4.00	20.7	292	9.1	18.1	0.081	4.189	0.002	0.035	0.005	0.097
04/23/01	MW-5	4.00	4.1	330	4.4	28.0	0.018	4.261	0.000	0.035	0.002	0.103
07/16/01	MW-5	4.00	10.8	2,400	3.4	14	0.346	5.647	0.000	0.037	0.002	0.112
08/23/01	MW-5	4.00	6.9	4,100	8.3	19	0.378	7.160	0.001	0.040	0.002	0.119
09/10/01	MW-5	4.00	7.2	3,000	5.7	9.4	0.289	8.315	0.000	0.042	0.001	0.122
10/30/01	MW-5	4.00	10.8	4,300	7.5	13	0.621	10.798	0.001	0.046	0.002	0.130
11/26/01	MW-5	3.67	9.4	6,800	11	22	0.854	13.934	0.001	0.050	0.003	0.141
12/17/01	MW-5	4.00	7.6	8,300	15	45	0.843	17.307	0.001	0.056	0.005	0.159
01/29/02	MW-5	3.00	5.0	710	6.2	41	0.047	17.450	0.000	0.057	0.003	0.168
02/19/02	MW-5	3.00	6.8	450	2.9	17	0.041	17.572	0.000	0.058	0.002	0.172
07/24/02	MW-5	3.00	8.2	3,200	5.4	11	0.351	18.625	0.001	0.059	0.001	0.176
08/30/02	MW-5	3.00	5.0	17	0.14	1.0	0.001	18.628	0.000	0.059	0.000	0.176
09/26/02	MW-5	3.00	17.7	NA	NA	NA	0.000	18.628	0.000	0.059	0.000	0.176
10/24/02	MW-5	3.00	9.9	13,000	9.1	26	1.720	23.789	0.001	0.063	0.004	0.187
11/19/02	MW-5	3.00	9.3	17,000	21	280	2.113	30.130	0.002	0.070	0.036	0.294
12/26/02	MW-5	3.00	5.4	1,300	3.3	15	0.094	30.411	0.000	0.070	0.001	0.297
01/15/03	MW-5	3.00	9.2	760	5.8	27	0.093	30.692	0.001	0.072	0.003	0.307
02/24/03	MW-5	4.00	7.5	1,100	4.9	27	0.110	31.133	0.000	0.074	0.003	0.318
03/24/03	MW-5	3.00	2.6	586.05	2.92	18.27	0.020	31.194	0.000	0.074	0.001	0.320
04/21/03	MW-5	2.50	3.7	145.13	8.61	21.82	0.007	31.212	0.000	0.075	0.001	0.323
05/21/03*	MW-5	3.00	3.5	NA	NA	NA	0.007	31.232	0.000	0.077	0.001	0.326
06/26/03	MW-5	3.00	7.7	3,906.98	6.15	49.09	0.402	32.439	0.001	0.078	0.005	0.342
07/24/03**	MW-5	2.75	11.2	NA	NA	NA	0.585	34.047	0.001	0.081	0.008	0.362
08/22/03	MW-5	2.75	6.0	6,000	1.6	27	0.481	35.371	0.000	0.081	0.002	0.368
09/25/03	MW-5	3.00	12.8	9,300	6.2	33	1.591	40.145	0.001	0.084	0.006	0.386
10/28/03	MW-5	3.25	11.5	2,000	1.7	31	0.307	41.144	0.000	0.085	0.005	0.402

Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California

							TPHg		Benzene		MTBE	
		Interval Hours of	System Flow	Hydrocarbon Concentrations			TPHg Removal	Cumulative TPHg	Benzene Removal	Cumulative Benzene	MTBE Removal	Cumulative MTBE
Date	Well ID	Operation (hours)	Rate (CFM)	TPHg	Benzene	MTBE	Rate (#/hour)	Removed (#)	Rate (#/hour)	Removed (#)	Rate (#/hour)	Removed (#)
				(Concentrations in ppmv)								
11/26/03	MW-5	2.00	14.6	75,000	<3.1	640	14.638	70.420	0.000	0.085	0.128	0.657
12/11/03	MW-5	3.00	4.8	8,400	<6.2	43	0.539	72.037	0.000	0.086	0.003	0.666
01/08/04	MW-5	3.25	7.8	210	0.63	4.0	0.022	72.108	0.000	0.086	0.000	0.667
02/20/04	MW-5	2.25	7.8	3,400	8.9	32	0.355	72.905	0.001	0.088	0.003	0.675
03/15/04	MW-5	3.00	5.1	240	0.77	3.5	0.016	72.955	0.000	0.088	0.000	0.676
04/12/04	MW-5	3.00	7.1	1,100	3.9	13	0.104	73.268	0.000	0.089	0.001	0.679
05/06/04	MW-5	3.00	2.8	2,200	7.6	34	0.082	73.515	0.000	0.090	0.001	0.683
06/25/04	MW-5	3.00	10.4	3,100	<1.6	28	0.431	74.808	0.000	0.090	0.004	0.695
07/23/04	MW-5	3.00	17.9	6,800	<6.2	37	1.627	79.689	0.001	0.092	0.009	0.722
08/26/04	MW-5	3.00	4.6	5,500	<1.6	18	0.338	80.704	0.000	0.092	0.001	0.726
09/24/04	MW-5	3.00	22.0	10,000	<3.1	13	2.941	89.527	0.000	0.093	0.004	0.738
10/14/04	MW-5	3.00	10.5	9,500	<3.1	12	1.333	93.527	0.000	0.094	0.002	0.743
11/22/04	MW-5	1.50	NA	NA	NA	NA	0.000	93.527	0.000	0.094	0.000	0.743
01/17/05	MW-5	4.00	7.8	2,000	2.2	25	0.209	94.361	0.000	0.095	0.003	0.753
11/28/00	MW-6	2.00	5.6	278	7.13	18.0	0.021	0.042	0.000	0.001	0.001	0.003
12/19/00	MW-6	4.00	5.1	2.84	0.0314	0.111	0.000	0.042	0.000	0.001	0.000	0.003
01/23/01	MW-6	4.00	7.1	581	13.1	19.0	0.055	0.263	0.001	0.005	0.002	0.010
02/16/01	MW-6	4.00	3.1	3.1	<0.031	<0.28	0.000	0.263	0.000	0.005	0.000	0.010
03/22/01	MW-6	4.00	13.8	647	47	17.8	0.120	0.742	0.008	0.037	0.003	0.024
04/23/01	MW-6	4.00	15.4	130	14	47	0.027	0.849	0.003	0.047	0.010	0.063
07/16/01	MW-6	4.00	12.3	310	8.1	16	0.051	1.053	0.001	0.052	0.003	0.074
08/23/01	MW-6	4.00	9.0	650	8.8	16	0.078	1.366	0.001	0.056	0.002	0.082
09/10/01	MW-6	4.00	8.3	320	3.8	9.8	0.036	1.508	0.000	0.058	0.001	0.086
10/30/01	MW-6	4.00	13.0	520	5.1	6.4	0.090	1.869	0.001	0.061	0.001	0.091
11/26/01	MW-6	4.00	4.1	690	4.8	5.5	0.038	2.020	0.000	0.062	0.000	0.092
12/17/01	MW-6	4.00	12.6	590	4.1	7.2	0.099	2.418	0.001	0.064	0.001	0.097
01/29/02	MW-6	3.00	5.4	51	0.082	0.88	0.004	2.429	0.000	0.064	0.000	0.097
02/19/02	MW-6	3.00	5.9	130	5.1	11	0.010	2.460	0.000	0.065	0.001	0.100
03/19/02	MW-6	6.00	6.3	5.6	<0.050	0.14	0.000	2.463	0.000	0.065	0.000	0.100

Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California

Date	Well ID	Interval Hours of Operation (hours)	System Flow Rate (CFM)	Hydrocarbon Concentrations (Concentrations in ppmv) TPHg	Benzene	MTBE	TPHg Removal Rate (#/hour)	TPHg Cumulative TPHg Removed (#)	Benzene Removal Rate (#/hour)	Benzene Cumulative Benzene Removed (#)	MTBE Removal Rate (#/hour)	MTBE Cumulative MTBE Removed (#)
							TPHg		Benzene		MTBE	
04/24/02	MW-6	6.00	7.3	76	3.9	9.3	0.007	2.507	0.000	0.068	0.001	0.106
05/29/02	MW-6	10.50	6.1	67	2.9	7.0	0.005	2.564	0.000	0.070	0.001	0.112
06/26/02	MW-6	7.00	9.8	190	4.4	10	0.025	2.739	0.001	0.073	0.001	0.121
07/24/02	MW-6	3.00	9.2	11	0.10	<0.10	0.001	2.743	0.000	0.073	0.000	0.121
08/30/02	MW-6	3.00	10.1	280	3.1	5.5	0.038	2.856	0.000	0.075	0.001	0.123
09/26/02	MW-6	3.00	17.7	NA	NA	NA	0.000	2.856	0.000	0.075	0.000	0.123
10/24/02	MW-6	5.00	12.9	1,000	3.3	4.7	0.172	3.718	0.001	0.077	0.001	0.128
11/19/02	MW-6	3.00	8.8	3,300	6.6	98	0.388	4.883	0.001	0.079	0.012	0.163
12/26/02	MW-6	3.00	6.8	160	5.0	10	0.015	4.927	0.000	0.081	0.001	0.166
01/15/03	MW-6	3.25	9.3	170	10	19	0.021	4.995	0.001	0.084	0.002	0.174
02/24/03	MW-6	3.50	15.8	210	8.1	20	0.044	5.151	0.002	0.090	0.004	0.189
03/24/03	MW-6	3.00	6.6	NA	NA	NA	0.000	5.151	0.000	0.090	0.000	0.189
04/21/03	MW-6	3.00	4.0	1,535	7	41	0.082	5.397	0.000	0.091	0.002	0.195
05/21/03*	MW-6	3.00	3.5	NA	NA	NA	0.072	5.612	0.000	0.092	0.002	0.201
06/26/03	MW-6	3.00	8.4	256.74	5.23	21.55	0.029	5.699	0.001	0.093	0.002	0.209
07/24/03**	MW-6	2.50	13.8	NA	NA	NA	0.047	5.817	0.001	0.095	0.004	0.219
08/22/03	MW-6	3.33	8.3	460	2.3	4.7	0.051	5.987	0.000	0.096	0.001	0.221
09/25/03	MW-6	3.00	12.7	480	1.8	3.0	0.081	6.232	0.000	0.097	0.001	0.222
10/28/03	MW-6	3.00	14.3	990	1.9	1.0	0.189	6.799	0.000	0.098	0.000	0.223
11/26/03	MW-6	2.00	14.3	8,800	41	66	14.337	35.473	0.001	0.099	0.125	0.473
12/11/03	MW-6	3.00	12.0	1,100	2.6	3.8	0.176	36.003	0.000	0.100	0.001	0.475
01/08/04	MW-6	3.25	6.0	240	2.7	5.6	0.019	36.065	0.000	0.101	0.000	0.477
02/20/04	MW-6	3.00	5.0	170	2.6	4.1	0.011	36.099	0.000	0.101	0.000	0.477
03/15/04	MW-6	3.00	5.0	86	4.2	6.8	0.006	36.117	0.000	0.102	0.000	0.479
04/12/04	MW-6	0.50	7.2	<9.8	0.58	2.1	0.000	36.117	0.000	0.102	0.000	0.479
05/06/04	MW-6	3.00	28.1	59	0.46	1.1	0.022	36.183	0.000	0.103	0.000	0.480
06/25/04	MW-6	3.00	12.6	110	1.7	3.5	0.019	36.239	0.000	0.103	0.001	0.482
07/23/04	MW-6	3.00	10.6	380	2.6	6.7	0.054	36.401	0.000	0.104	0.001	0.485
08/26/04	MW-6	3.00	8.5	520	2.2	4.1	0.059	36.578	0.000	0.105	0.000	0.486
09/24/04	MW-6	3.00	6.0	1,100	2.5	3.2	0.088	36.842	0.000	0.106	0.000	0.487

Table 2: Vapor Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996067, 1285 Bancroft Avenue, San Leandro, California

							TPHg		Benzene		MTBE	
		Interval Hours of	System Flow	Hydrocarbon Concentrations			TPHg Removal	Cumulative TPHg	Benzene Removal	Cumulative Benzene	MTBE Removal	Cumulative MTBE
Date	Well ID	Operation (hours)	Rate (CFM)	TPHg	Benzene	MTBE	Rate (#/hour)	Removed (#)	Rate (#/hour)	Removed (#)	Rate (#/hour)	Removed (#)
				(Concentrations in ppmv)								
10/14/04	MW-6	3.00	11.9	2,300	5.8	4.0	0.366	37.940	0.001	0.108	0.001	0.489
11/22/04	MW-6	0.00	NA	NA	NA	NA	0.000	37.940	0.000	0.108	0.000	0.489
01/17/05	MW-6	3.00	10.1	1,200	3.2	5.1	0.162	38.426	0.000	0.109	0.001	0.491
Total Pounds Removed:							**TPHg =**	**131.467**	**Benzene =**	**0.202**	**MTBE =**	**1.232**

Abbreviations and Notes:

CFM = Cubic feet per minute

TPHg = Total petroleum hydrocarbons as gasoline (C6-C12) by modified EPA Method 8015 in 1 liter tedlar bag samples

ppmv = Parts per million by volume

= Pounds

TPHG, Benzene, and MTBE analyzed by EPA Method 8260 in 1 liter tedlar bag samples

TPHg / Benzene / MTBE removal rate = Rate based on Bay Area Air Quality Management District's Manual of Procedures for Soil Vapor Extraction dated July 17, 1991.

(Rate = Concentration (ppmv) x system flow rate (cfm) x (1lb-mole/386ft3) x molecular weight (86 lb/lb-mole for TPHg, 78 lb/lb-mole for benzene, 88 lb/lb-mole for MTBE) x 60 min/hour x 1/1,000,000)

Cumulative TPHg / Benzene / MTBE removal = Previous removal rate multiplied by the hour-interval of operation plus the previous total

If concentration is less than the laboratory detection limit, one half of the detection limit concentration is used in the mass removal calculation.

* = Calculated mass removal is estimated from 04/21/03 lab data.

** = Calculated mass removal is estimated from 06/26/03 lab data.