

THRIFTY OIL CO.

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By Alameda County Environmental Health at 2:57 pm, Nov 05, 2013

November 5, 2013

O.135305

Mr. Jerry Wickman
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Local #RO0000004
RWQCB #01-1478

RE: **Former Thrifty Oil Co. Station #049**
3400 San Pablo Avenue
Oakland, CA 94612

SUBJECT: ***Thrifty's Position Regarding Potential Low-Threat Underground Storage Tank Case Closure for the Adjacent Shell Service Station #13-9619 property located at 3420 San Pablo Avenue, Oakland, CA***

Dear Mr. Wickman,

Thrifty Oil Co. (Thrifty) received an Invitation to Comment- Potential Case Closure letter dated October 23, 2013 (Notification) issued by the Alameda County Environmental Health (ACEH) Local Oversight Program (**Attachment A**) for the ***Shell Oil Products US (Shell) Service Station #13-9619 property located at 3420 San Pablo Avenue, Oakland, CA (Shell Figure 2 in Attachment B)***, and adjacent to our Thrifty Service Station No. 049 property located at 3400 San Pablo Avenue, Oakland (**Thrifty Figures 1 through 5 in Attachment B**).

The Notification invited public review and comment regarding the potential closure of the Shell Service Station #13-9619 fuel leak case, under the Low-Threat Underground Storage Tank Case Closure Policy (LTCP). Thrifty will have no objection to this closure if, and only if the ACEH has no plans for any future corrective actions in the immediate vicinity of the Shell Service Station and the Thrifty Station No. 049, and that Thrifty site also be granted closure. If the ACEH plans additional corrective actions in this area, Thrifty will be burdened by this closure, as it will leave Thrifty as the sole responsible party.

If no future corrective action is foreseen and Shell will be granted closure, then by precedent, Thrifty should also be eligible for ACEH low-risk closure. As indicated by the site to site comparison presented below, the Shell Service Station maximum TPHg, benzene and MTBE concentrations were respectively, 281 times, 8,444 times and 10 times greater than those at Thrifty Station No. 049; as determined by the latest available sampling results from the 2nd Quarter 2013 for Shell compared to Thrifty's 2nd Quarter 2013 results. TBA was not analyzed by Shell in the 2nd Quarter 2013, and was not detected in any of the Thrifty 2nd Quarter 2013 groundwater samples.



Shell Service Station #13-9619	Former Thrifty Station # 049
Dissolved hydrocarbon plume is noted upgradient, downgradient and crossgradient of the site fuel system areas. The plume is also present in offsite wells. The maximum TPHg, benzene and MTBE concentrations reported during the 2 nd Quarter 2013 sampling event were, 17,000 µg/L, 760 µg/L and 83 µg/L, respectively.	Dissolved hydrocarbon plume is limited to around the new fuel system (installed by ARCO 1998 and operated by them until 2012) area. The maximum TPHg, benzene and MTBE concentrations reported during the 2nd Quarter 2013 sampling event were 60.5 µg/L; ND <0.18 µg/L and 8.1 µg/L, respectively. The Thrifty dissolved plume is therefore better delineated than the Shell plume, and the constituent concentrations in Thrifty's plume are several orders of magnitude lower than Shell's.
The hydrocarbon impacts to the soil and groundwater have been somewhat addressed by soil excavation and free product removal by skimming and hand bailing but no significant active remediation has been performed at the Shell site.	The hydrocarbon impacts to the soil and groundwater have been addressed by mobile DPE, GWPT and over-excavation of impacted soils. Approximately 5,821.37 lbs of hydrocarbons and approximately 2,684,436 gallons of groundwater have been treated and removed from the Thrifty site as of 04/28/11, when the GWPT system was permanently shut down.

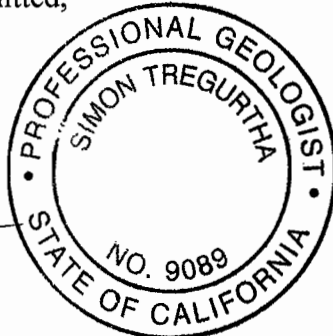

In regards to Thrifty Station No. 049, except for the recent unauthorized release (noted in the Site Conceptual Model and 3rd Quarter 2013 Groundwater Monitoring Report dated October 23, 2013), groundwater concentrations have declined at the site and in a letter dated March 31, 2011, the ACEH indicated that the case was being reviewed for closure and in a subsequent email dated April 4, 2011, ACEH instructed Thrifty to shut down the remediation system and to discontinue groundwater sampling at the site.

Shell and Thrifty historical groundwater data are presented in **Attachment C** and as mentioned above, data indicates that post remediation natural attenuation has occurred at the Thrifty site and that benzene and MTBE levels are well below the LTCP limits.

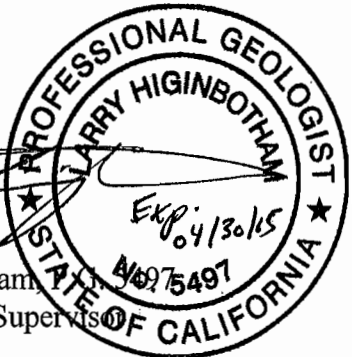

Based on the above information, we respectfully request that Thrifty Station No. 049 also be considered for case closure under the LTCP, especially since the recent TPHg, benzene and MTBE groundwater concentrations at the Shell Service Station are several orders of magnitude higher than the concentrations at the Thrifty site, and Thrifty has performed far more active remediation than Shell to remediate the secondary source of hydrocarbons and reduce the dissolved hydrocarbon plume.

Your consideration in this matter is greatly appreciated. Should you have any questions or require additional information, please contact Mr. Simon Tregurtha at (562) 921-3581, Ext. 260 or Mr. Chris Panaitescu at (562) 921-3581, Ext. 390.

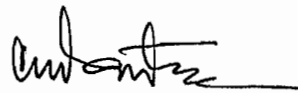
Respectfully submitted,



Simon Tregurtha, P.G. 9089
Project Manager



Larry Higinbotham, P.G. No. 75497
Special Project Supervisor



Chris Panaitescu
General Manager
Environmental Affairs

Cc: File
Ms. Donna Drogos, ACEH
Ms. Dilan Roe, ACEH
Mr. Pat Cullen, SWRCB
Mr. Robert Trommer, SWRCB
Ms. Cherie McCaulou, SFRWQCB

ATTACHMENT A

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director



1-135257
RECEIVED
OCT 29 2013 FILE
ENVIRONMENTAL
SSE 049 ADJ

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

INVITATION TO COMMENT – POTENTIAL CASE CLOSURE

**SHELL #13-9619
3420 SAN PABLO AVENUE
FUEL LEAK CASE RO0000006
GEOTRACKER GLOBAL ID T0600101253**

OCTOBER 23, 2013

The above referenced site is a fuel leak case that is under the regulatory oversight of the Alameda County Environmental Health (ACEH) Local Oversight Program for the investigation and cleanup of a release of petroleum hydrocarbons from an underground storage tank system. Site investigation and cleanup activities have been completed and the site has been evaluated in accordance with the State Water Resources Control Board Low-Threat Closure Policy. The site appears to meet all of the criteria in the Low-threat Closure Policy. Therefore, ACEH is considering closure of the fuel leak case. Due to the residual contamination on site, the site would be closed with site management requirements that require further evaluation if the site is to be redeveloped in the future.

This notice is being sent to the current landowner in compliance with Health and Safety Code Section 25295.40. It is also being sent to the current occupants and landowners of adjacent properties and known interested parties for this site.

The public is invited to review and comment on the potential closure of the fuel leak case. The entire case file can be viewed over the Internet on the ACEH website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board GeoTracker website (<http://geotracker.swrcb.ca.gov>). Please send written comments to Jerry Wickham at the address below; all comments will be forwarded to the responsible parties. Comments **received by December 31, 2013** will be considered and responded to prior to a final determination on the proposed case closure.

If you have comments or questions regarding this site, please contact the ACEH caseworker, Jerry Wickham at 510-567-6791 or by email at jerry.wickham@acgov.org. Please refer to ACEH case RO0000006 in any correspondence.

ATTACHMENT B

EXPLANATION

- MW-1 ◆ Monitoring well location (Shell)
- MW-3 ✕ Destroyed monitoring well location
- Storm drain line (STM)
- Sanitary Sewer line (SAN)
- Water line (W)
- Overhead electrical line (OE)
- Electrical line (E)
- ☐ Storm drain catch basin
- ◇ Fire hydrant (FH)
- Flow direction indicator
- Miscellaneous utility vault, as labeled
- ~ Groundwater elevation contour, in feet above mean sea level (ft MSL)
- Well designation
- ELEV: Groundwater elevation, in ft MSL
- Depth: Benzene and MTBE concentrations are in micrograms per liter

Notes:
 ND = Not detected
 * = Screen submerged; well not used in contouring

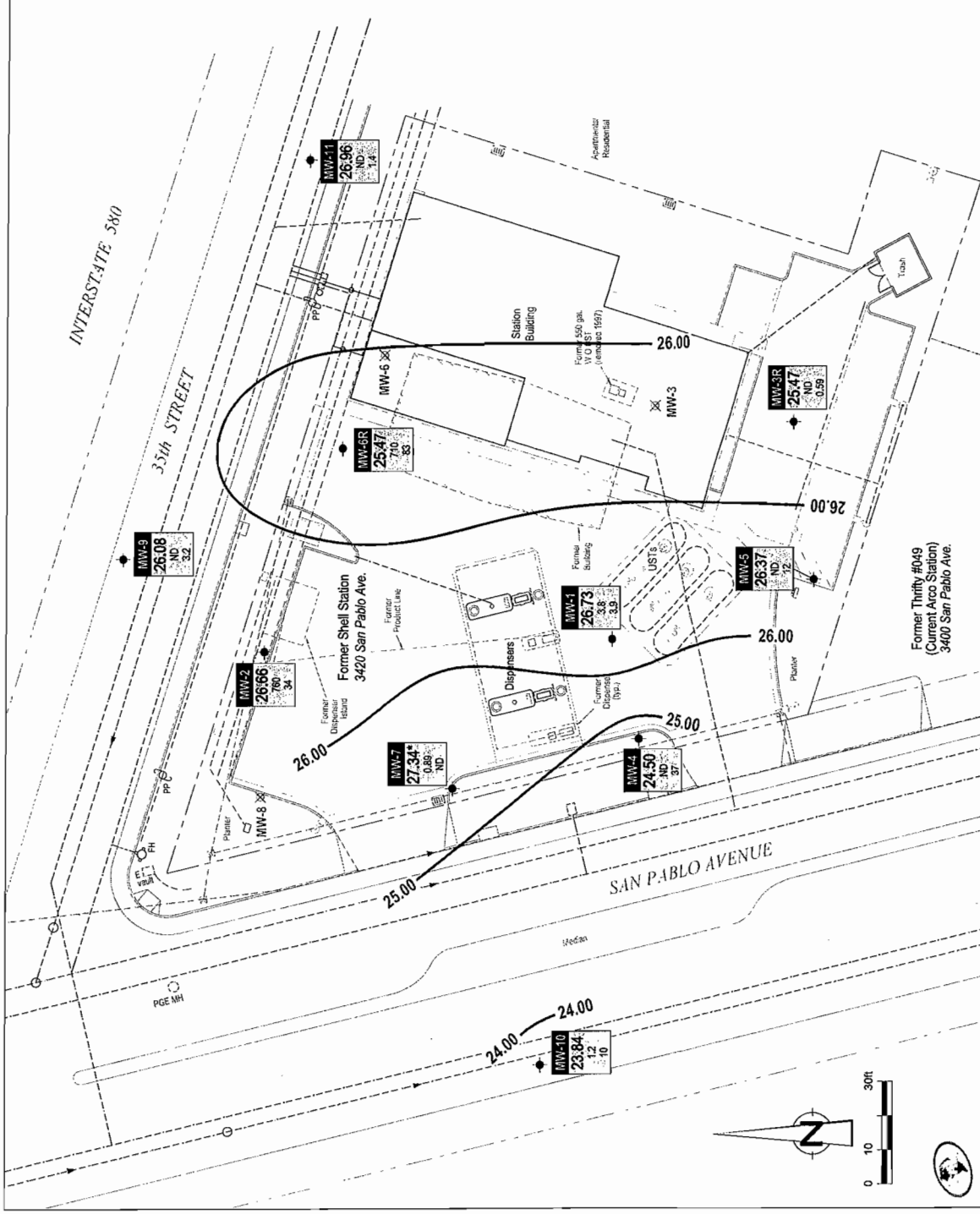
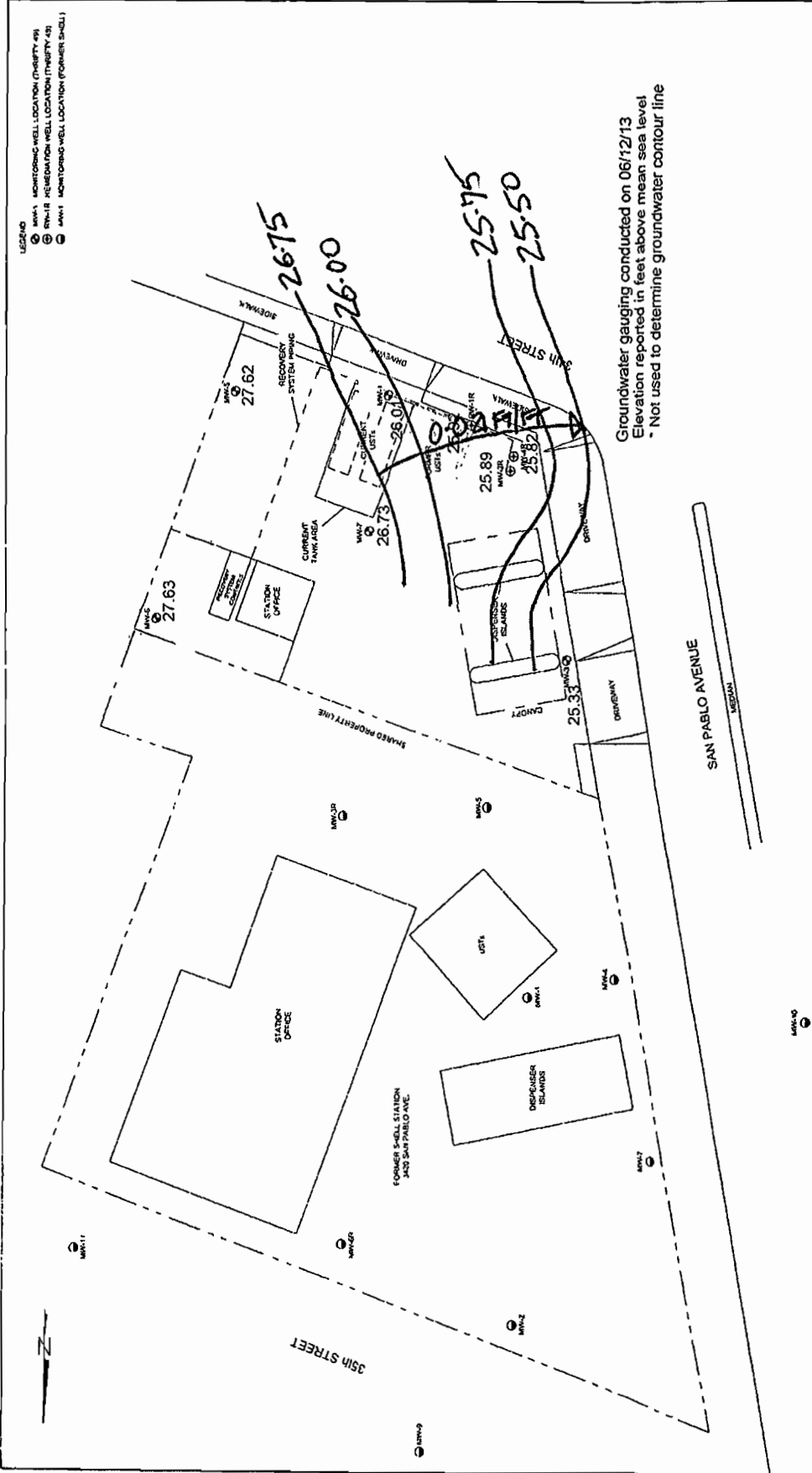


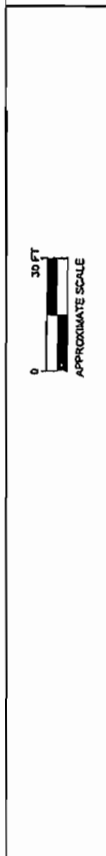
Figure 2
 Groundwater Contour and
 Chemical Concentration Map
 April 17, 2013
 Former Shell Service Station
 3420 San Pablo Avenue
 Oakland, California

LEGEND
 MW-1 MONITORING WELL LOCATION (THIRTY 49)
 MW-12 REMEDIATION WELL LOCATION (THIRTY 49)
 MW-1 MONITORING WELL LOCATION (FORMER S-211)



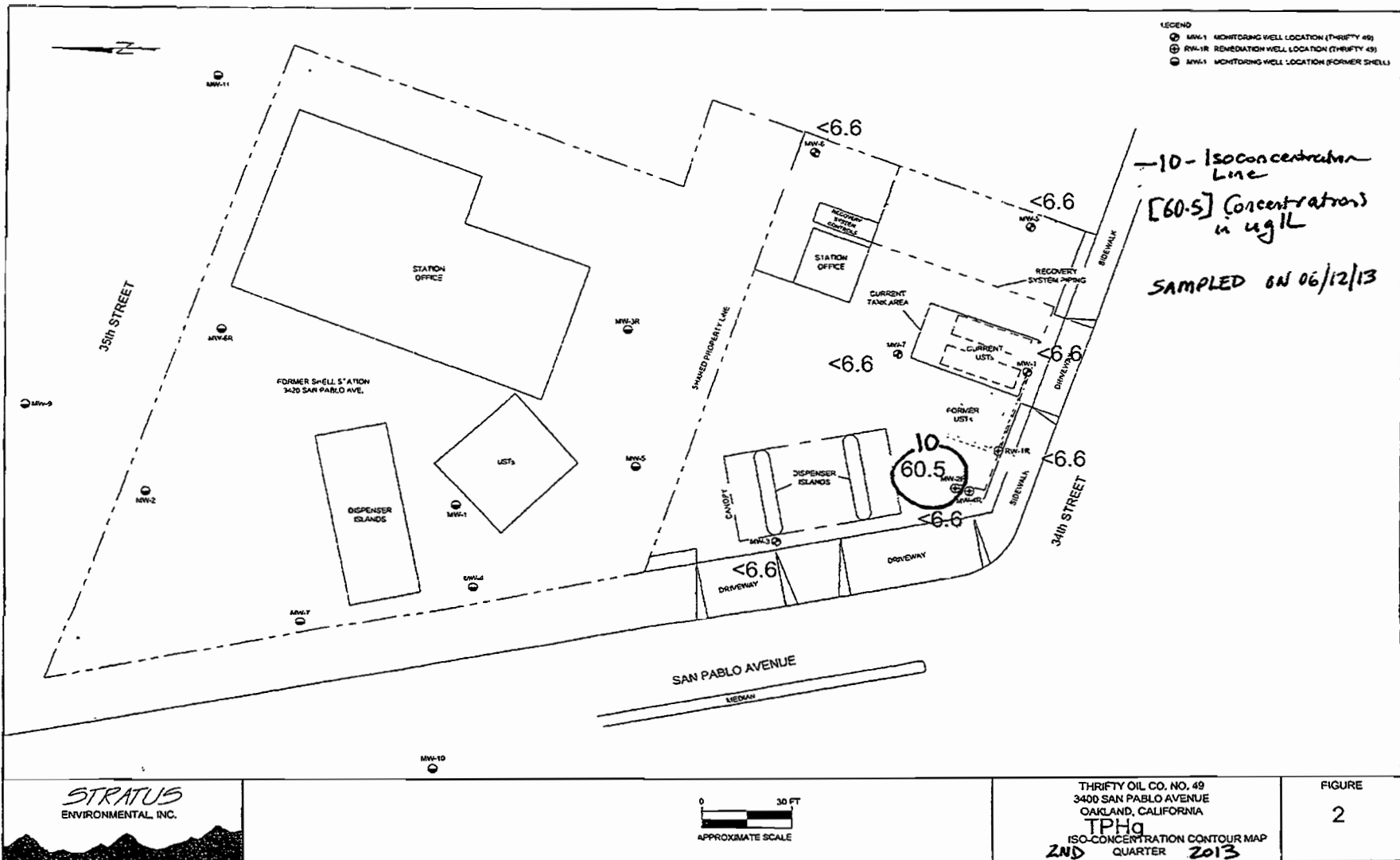
Groundwater gauging conducted on 06/12/13
 Elevation reported in feet above mean sea level
 * Not used to determine groundwater contour line

THIRTY OIL CO. NO. 49
 3400 SAN PABLO AVENUE
 OAKLAND, CALIFORNIA
 Groundwater Contour Map
 ISO-CONCENTRATION CONTOUR MAP
 2nd QUARTER 2013



STRATUS ENVIRONMENTAL, INC.

FIGURE 1

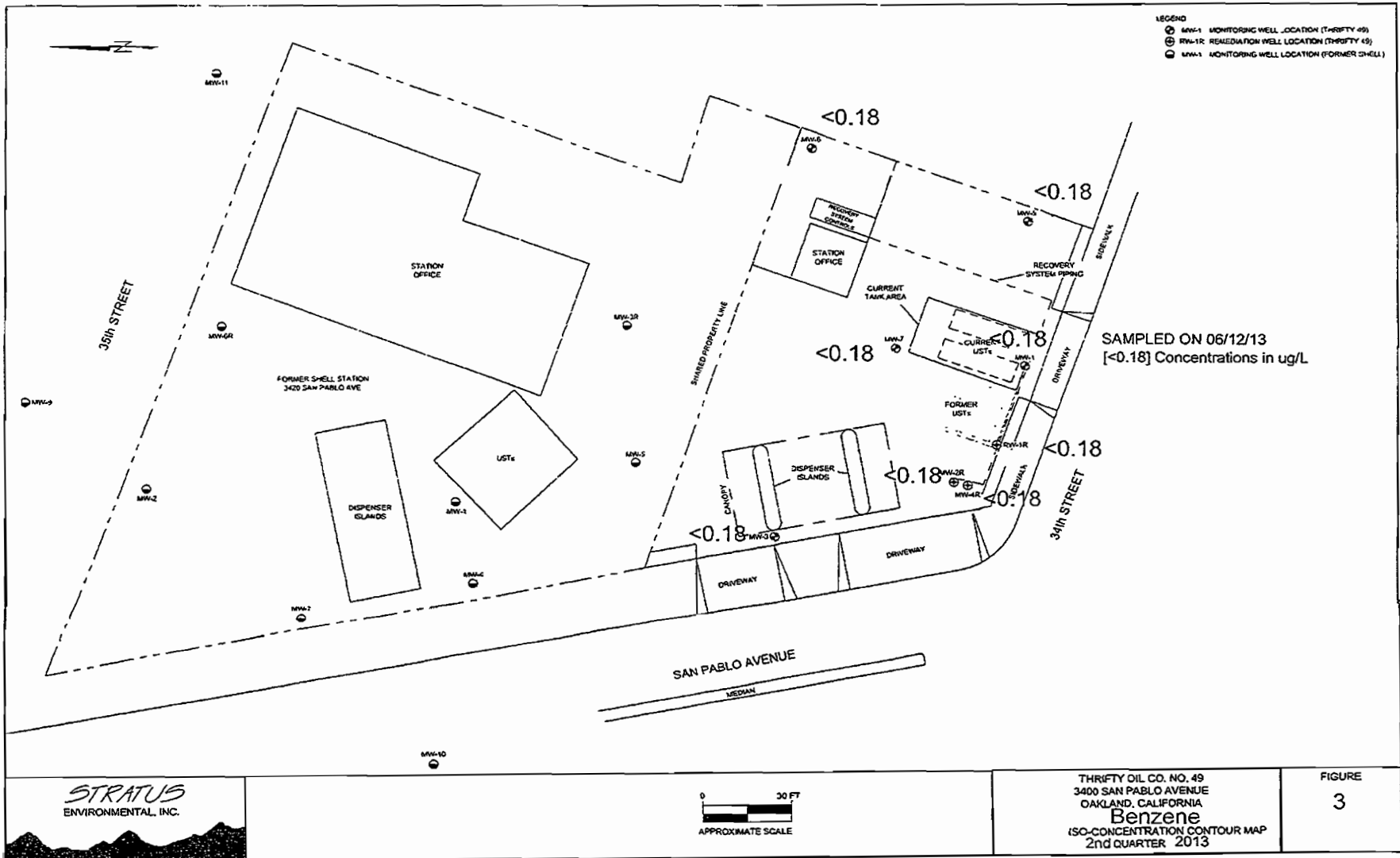


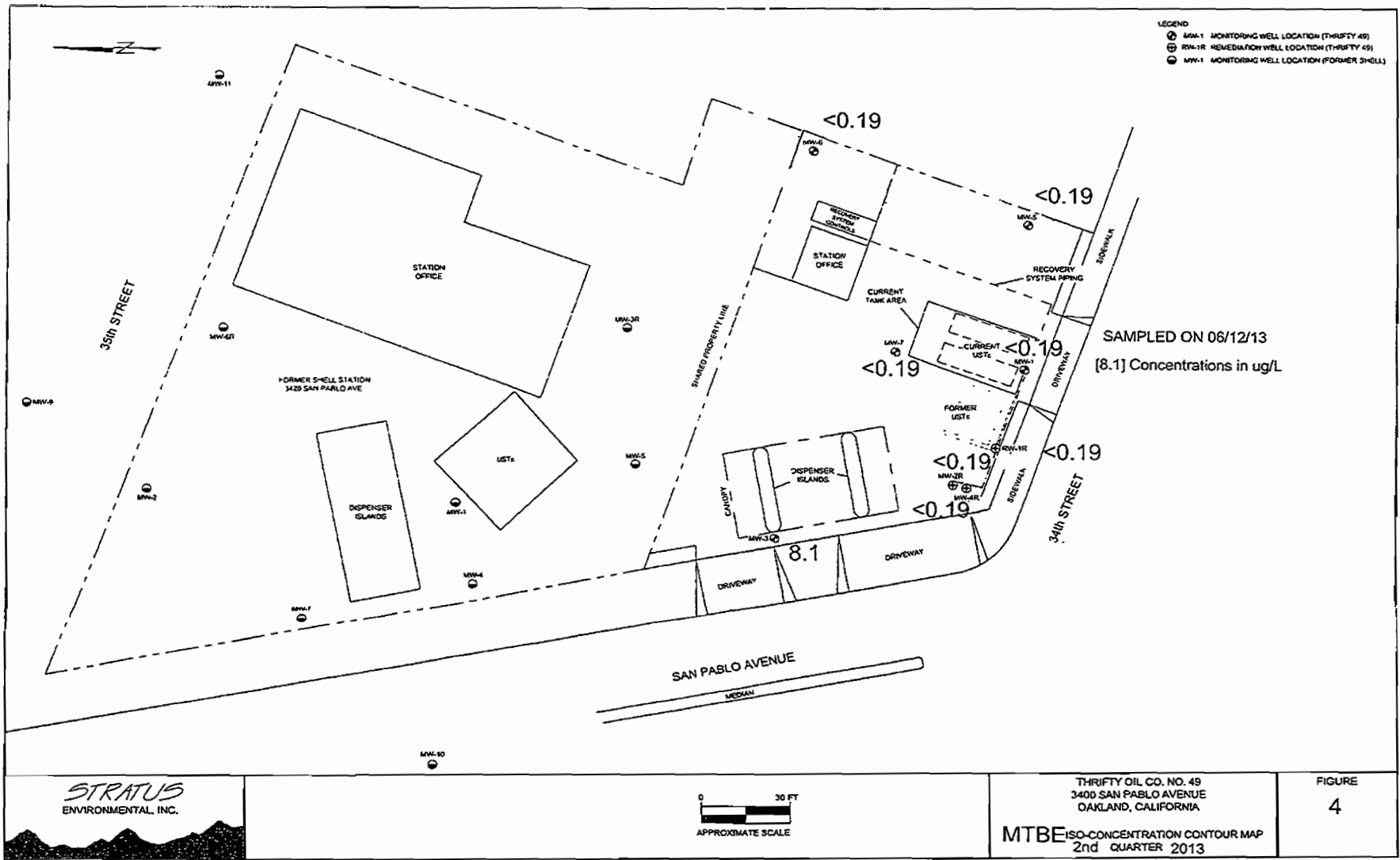
STRATUS ENVIRONMENTAL, INC.

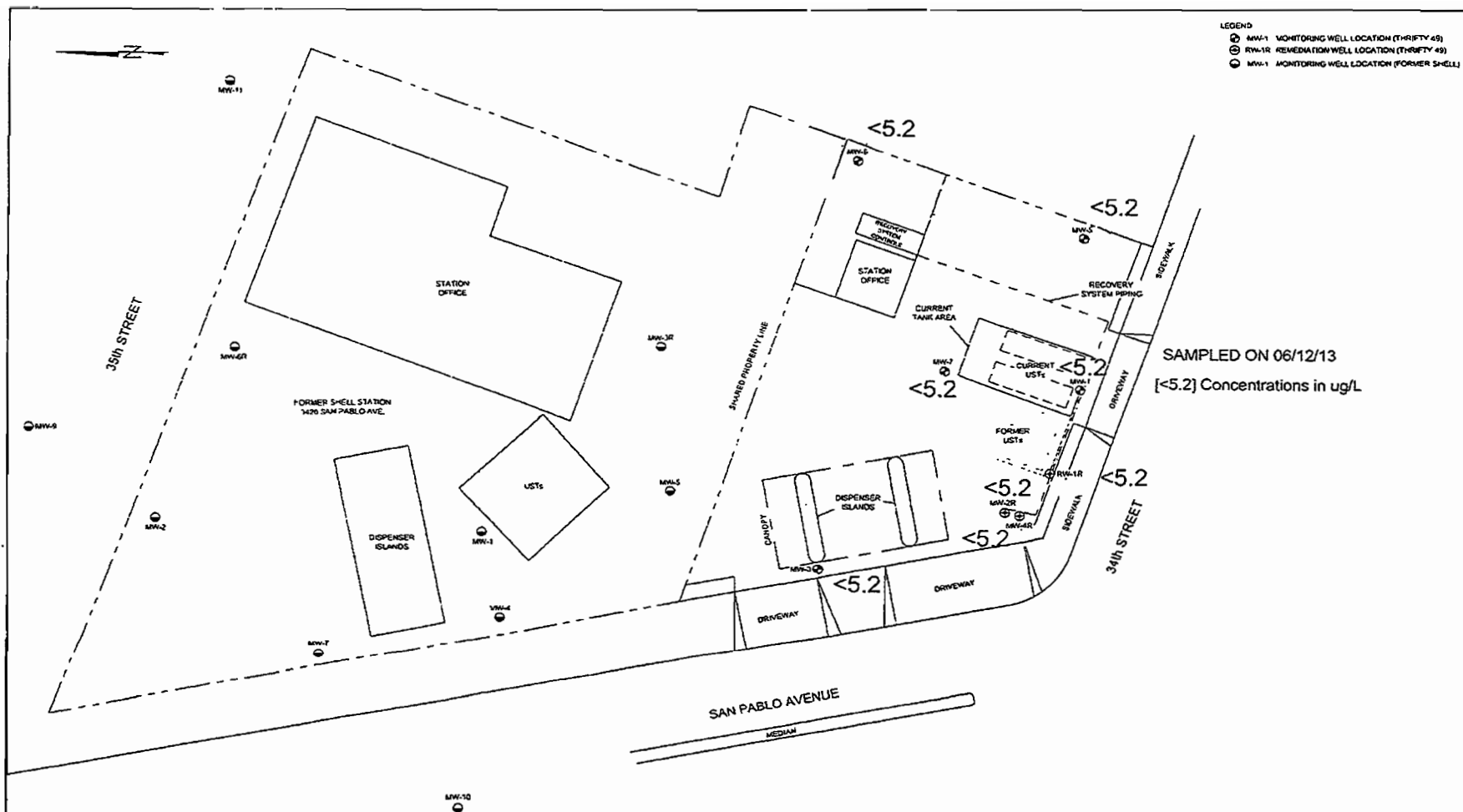


THRIFTY OIL CO. NO. 49
3400 SAN PABLO AVENUE
OAKLAND, CALIFORNIA
TPHg
ISO-CONCENTRATION CONTOUR MAP
QUARTER 2013

FIGURE 2







LEGEND
 ● MW-1 MONITORING WELL LOCATION (THRIFTY 49)
 ⊕ RW-1R REMEDIATION WELL LOCATION (THRIFTY 49)
 ○ MW-1 MONITORING WELL LOCATION (FORMER SHELL)

SAMPLED ON 06/12/13
 [<5.2] Concentrations in ug/L



THRIFTY OIL CO. NO. 49
 3400 SAN PABLO AVENUE
 OAKLAND, CALIFORNIA
 TBA ISO-CONCENTRATION CONTOUR MAP
 2nd QUARTER 2013

FIGURE
 5

ATTACHMENT C

**SUMMARY TABLE
CURRENT PERIOD GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA, 94612
T0600101365**

WELL	STATUS	Monit/ Sampl. Date	ANALYTICAL PARAMETERS											MONITORING PARAMETERS				ELEVATION		WELL	
			TPHg (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	ETH (ug/L)	DTP (feet)	DTW (feet)	DTB (feet)	PT (feet)	CASING (feet)	GW (feet)	DIA (inches)	SCREEN (feet)
VW-1	ACT	06/12/13	<6.6	<0.18	1.2 J	<0.21	1.7 J	<0.19	<0.2	<0.23	<0.19	<5.2	<100	NP	5.54	17.77	0.00	31.55	26.01	2"	5 - 25
VW-2R	ACT	06/12/13	60.5	<0.18	5.3	1.6 J	11	<0.19	<0.2	<0.23	<0.19	<5.2	<100	NP	4.60	16.79	0.00	30.49	25.89	4"	5 - 20
VW-3	ACT	06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	8.1	<0.2	<0.23	<0.19	<5.2	<100	NP	5.82	24.14	0.00	31.15	25.33	2"	5 - 25
VW-4R	ACT	06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.2	<0.23	<0.19	<5.2	<100	NP	4.41	19.65	0.00	30.23	25.82	4"	5 - 20
VW-5	ACT	06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.2	<0.23	<0.19	<5.2	<100	NP	4.68	13.75	0.00	32.30	27.62	2"	4 - 14
VW-6	ACT	06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.2	<0.23	<0.19	<5.2	<100	NP	5.51	13.02	0.00	33.14	27.63	2"	4 - 14
VW-7	ACT	06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	<0.2	<0.23	<0.19	<5.2	<100	NP	4.88	13.55	0.00	31.61	26.73	4"	4 - 14
RW-1R	ACT	06/12/13	<6.6	<0.18	11	1.3 J	11	<0.19	<0.2	<0.23	<0.19	<5.2	230	NP	4.67	19.08	0.00	30.59	25.92	4"	5 - 20

NOTE:	ACT	Groundwater well currently used for monitoring	TPHg	= Total Petroleum Hydrocarbons as gasoline	MTBE	= Methyl-tert-butyl ether	DTP	= Depth To Product	" - "	= Not analyzed / Not available
	INACT	Groundwater well is NOT included in monitoring program	TPHd	= Total Petroleum Hydrocarbons as diesel	DIPE	= Isopropyl ether	DTW	= Depth To Water	" < "	= Less than detection level indicated
	DRY	Groundwater well is dry and cannot be sampled	B	= Benzene	ETBE	= Ethyl-tert-butyl ether	DTB	= Depth To Bottom	" J "	= Flag indicating value
	NOACC	Presently no access to groundwater well	T	= Toluene	TAME	= Tert-amyl methyl ether	PT	= Product Thickness		= between MDL & PQL
	DEST	Well has been properly destroyed, no longer a conduit to subsu	E	= Ethylbenzene	TBA	= Tertiary butyl alcohol	GW	= Groundwater	ug/L	= micrograms per liter
	AB	Groundwater well is abandoned, but not yet destroyed	X	= Total Xylenes	ETH	= Ethanol	NP	= No free product	mg/L	= milligrams per liter

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
MONITORING WELL #MW-1											
Screen Interval = 5 to 25 feet						Casing Diameter = 2 inches					
01/09/92	-	-	-	-	-	-	NP	5.54	0.00	98.03	92.49
04/13/92	-	-	-	-	-	-	NP	5.86	0.00	98.03	92.17
10/05/92	-	-	-	-	-	-	NP	9.39	0.00	98.03	88.64
01/06/93	-	-	-	-	-	-	NP	4.76	0.00	98.03	93.27
04/26/93	-	-	-	-	-	-	NP	4.96	0.00	98.03	93.07
01/04/94	-	-	-	-	-	-	NP	7.00	0.00	98.03	91.03
04/05/94	-	-	-	-	-	-	NP	6.44	0.00	98.03	91.59
10/09/95	44,000	4,500	4,300	1,700	10,000	-	-	-	-	98.03	-
01/08/96	21,000	1,200	150	34	4,800	-	NP	6.15	0.00	98.03	91.88
04/08/96	4,700	80	110	10	910	-	NP	5.40	0.00	98.03	92.63
07/22/96	7,000	280	130	<3.0	2,100	440	NP	5.50	0.00	98.03	92.53
10/16/96	120	<0.3	<0.3	<0.3	<0.5	180	NP	6.02	0.00	98.03	92.01
01/22/97	160	<0.3	<0.3	<0.3	<0.5	360	NP	4.40	0.00	98.03	93.63
04/21/97	20,000	420	140	5.8	840	55,000	NP	6.30	0.00	98.03	91.73
07/14/97	13,000	<0.3	<0.3	<0.3	<0.55	30,000	NP	5.92	0.00	98.03	92.11
10/07/97	-	-	-	-	-	-	7.70	7.71	0.01	98.03	90.33
01/15/98	<50	0.3	<0.3	<0.3	<0.5	-	NP	4.40	0.00	98.03	93.63
04/23/98	540	<0.3	<0.3	<0.3	<0.5	<20	NP	8.10	0.00	98.03	89.93
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	5.55	0.00	98.03	92.48
10/14/98	50	1.4	0.56	<0.3	11	22	NP	7.05	0.00	98.03	90.98
01/21/99	<50	0.59	<0.3	<0.3	<0.5	<5.0	NP	4.10	0.00	98.03	93.93
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	4.30	0.00	98.03	93.73
07/26/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	5.54	0.00	98.03	92.49
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	6.13	0.00	98.03	91.90
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	6.04	0.00	98.03	91.99
04/05/00	<50	<0.25	<0.25	<0.25	<0.5	<5.0	NP	4.03	0.00	98.03	94.00
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	4.00	0.00	98.03	94.03
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.53	0.00	98.03	92.50
01/17/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.97	0.00	98.03	94.06
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.98	0.00	98.03	94.05
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.51	0.00	98.03	92.52
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.97	0.00	98.03	94.06
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.95	0.00	98.03	94.08
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	2.42	0.00	98.03	95.61
07/31/02	<50	<0.18	1.3	<0.18	<0.26	<0.24	NP	5.49	0.00	98.03	92.54
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	16	NP	6.13	0.00	98.03	91.90
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	2.45	0.00	98.03	95.58
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	7.02	0.00	98.03	91.01
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.15	0.00	98.03	92.88
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	5.13	0.00	98.03	92.90
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	3.92	0.00	98.03	94.11
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	4.54	0.00	98.03	93.49
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	7.01	0.00	98.03	91.02
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.46	0.00	98.03	92.57
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.48	0.00	98.03	92.55
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.99	0.00	98.03	91.04
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.42	0.00	98.03	91.61
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.98	0.00	98.03	91.05
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	4.56	0.00	98.03	93.47
04/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	3.93	0.00	98.03	94.10

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
07/19/06	17,100	21	279	388	2,010	128	NP	5.92	0.00	98.03	92.11
09/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	33	NP	6.38	0.00	98.03	91.65
10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.99	0.00	98.03	91.04
01/17/07	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.40	0.00	31.55	26.15
04/18/07	<5.6	<0.32	<0.10	<0.24	<0.3	7.1	NP	5.46	0.00	31.55	26.09
07/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	4.9	NP	5.92	0.00	31.55	25.63
10/17/07	<5.6	<0.18	<0.24	<0.21	<0.45	1.6	NP	5.46	0.00	31.55	26.09
01/16/08	<5.6	<0.18	<0.24	<0.21	<0.45	1.3	NP	5.46	0.00	31.55	26.09
04/22/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.45	0.00	31.55	26.10
07/16/08	<6.6	<0.18	<0.24	<0.21	1.2 J	<0.19	NP	6.96	0.00	31.55	24.59
10/15/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.44	0.00	31.55	26.11
01/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.47	0.00	31.55	26.08
04/15/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.48	0.00	31.55	26.07
10/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.46	0.00	31.55	26.09
04/21/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.30	0.00	31.55	26.25
10/20/10	<6.6	<0.18	1.1 J	<0.21	1.7 J	<0.19	NP	5.46	0.00	31.55	26.09
03/16/12	1,560	40	11	130	220	29.0	NP	3.54	0.00	31.55	28.01
06/06/12	1,300	14	3.0 J	48	120	10.0	Sheen	5.26	0.00	31.55	26.29
09/05/12	1,280	6.4	<0.24	<0.21	<0.45	16	NP	5.46	0.00	31.55	26.09
12/04/12	4,340	43.0	990	160	840	<0.19	NP	4.55	0.00	31.55	27.00
06/12/13	<6.6	<0.18	1.2 J	<0.21	1.7 J	<0.19	NP	5.54	0.00	31.55	26.01
MONITORING WELL #MW-2 Screen Interval = 5 to 25 feet											
01/09/92	-	-	-	-	-	-	NP	5.35	0.00	97.44	92.09
04/13/92	-	-	-	-	-	-	NP	7.42	0.00	97.44	90.02
10/05/92	-	-	-	-	-	-	NP	12.15	0.00	97.44	85.29
01/06/93	-	-	-	-	-	-	NP	5.46	0.00	97.44	91.98
04/26/93	-	-	-	-	-	-	NP	5.15	0.00	97.44	92.29
01/04/94	-	-	-	-	-	-	NP	9.45	0.00	97.44	87.99
04/05/94	-	-	-	-	-	-	NP	8.23	0.00	97.44	89.21
10/09/95	33,000	6,000	390	1,700	4,900	-	-	-	-	97.44	-
01/08/96	<50	0.32	<0.3	0.41	2.1	-	NP	5.60	0.00	97.44	91.84
04/08/96	10,000	490	210	210	830	-	NP	5.43	0.00	97.44	92.01
07/22/96	60,000	6,500	1,000	1,500	10,000	8,500	NP	5.65	0.00	97.44	91.79
10/16/96	6,500	12	0.34	0.72	110	4,700	NP	5.82	0.00	97.44	91.62
01/22/97	3,200	<0.3	0.46	0.37	<0.5	8,000	NP	4.30	0.00	97.44	93.14
04/21/97	66,000	5,300	1,000	2,300	14,000	30,000	NP	5.80	0.00	97.44	91.64
07/14/97	17,000	1.8	4.6	4.6	350	24,000	NP	8.92	0.00	97.44	88.52
10/07/97	220,000	5,200	1,700	3,800	15,000	-	NP	6.80	0.00	97.44	90.64
01/19/98	25,000	5.4	2.2	2.1	240	-	NP	8.50	0.00	97.44	88.94
04/23/98	7,700	<0.3	0.55	0.38	4.9	28,000	NP	7.60	0.00	97.44	89.84
07/20/98	430,000	4,200	10,000	5,400	28,000	77,000	NP	6.94	0.00	97.44	90.50
10/14/98	27,000	<0.3	4.5	4.1	4.6	65,000	NP	8.45	0.00	97.44	88.99
01/21/99	16,000	7.6	9.8	4.2	310	* 49,000 / 42,000	NP	6.95	0.00	97.44	90.49
04/15/99	20,000	<0.3	<0.3	<0.3	<0.5	* 31,000 / 30,000	NP	8.45	0.00	97.44	88.99
07/26/99	6,700	<6.0	<6.0	<6.0	<10	* 11,000 / 15,000	NP	6.94	0.00	97.44	90.50
10/13/99	7,600	<3.0	3.7	<3.0	11	11,000	NP	5.48	0.00	97.44	91.96
01/20/00	7,500	<6.0	<6.0	<6.0	<10	* 14,000 / 16,000	NP	5.84	0.00	97.44	91.60
04/05/00	10,400	<0.25	<0.25	<0.25	<0.5	* 10,000 / 14,400	NP	5.41	0.00	97.44	92.03
07/19/00	130	<0.3	<0.3	<0.3	<0.6	* 9,620 / 6,520	NP	5.40	0.00	97.44	92.04

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
10/18/00	150	<0.18	<0.14	<0.18	<0.26	*9,090 / 6,560	NP	6.91	0.00	97.44	90.53
01/17/01	75	<0.18	2.0	2.0	3.0	*8,650 / 9,710	NP	5.41	0.00	97.44	92.03
04/19/01	4,380	<0.18	<0.14	<0.18	<0.26	8,890	NP	5.40	0.00	97.44	92.04
07/18/01	3,260	<0.18	<0.14	<0.18	2.0	*7960 / 1,710	NP	6.92	0.00	97.44	90.52
10/10/01	1,760	<0.18	<0.14	<0.18	<0.26	*2,980 / 2,600	NP	3.87	0.00	97.44	93.57
01/30/02	1,770	<0.18	1.0	1.0	2.0	*2,560 / 1,590	NP	8.45	0.00	97.44	88.99
04/17/02	1,470	1.0	<0.14	<0.18	<0.26	*2,460 / 2,080	NP	8.45	0.00	97.44	88.99
07/31/02	3,910	<0.18	1.2	<0.18	2.1	*2,090 / 1,740	NP	9.98	0.00	97.44	87.46
11/14/02	39,400	1,680	728	173	5,120	8,270	NP	5.40	0.00	97.44	92.04
01/29/03	22,100	746	76	<1.0	2,840	8,220	NP	8.43	0.00	97.44	89.01
04/23/03	19,500	<0.8	<0.4	<0.4	<1.2	9,580	NP	5.38	0.00	97.44	92.06
07/10/03	29,900	<2.2	<3.2	<3.1	<4.0	6,690	NP	5.10	0.00	97.44	92.34
10/20/03	13,000	4.79	<0.02	<0.02	<0.06	*6,330 / 5,980	NP	5.10	0.00	97.44	92.34
WELL ABANDONED 01/2004											
MONITORING WELL #MW-2R											
Screen Interval = 5 to 20 feet						Casing Diameter = 4 inches					
02/03/04							-	-	-	-	-
04/08/04	11,600	304	16 J	55	427	4,170	NP	4.58	0.00	-	-
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.72	0.00	-	-
10/20/04	20,900	3,180	2,970	259	1,240	92	NP	3.72	0.00	-	-
01/19/05	18,900	537	250	866	2,290	3,340	NP	4.50	0.00	-	-
04/20/05	13,100	<2.2	<3.2	<3.1	<4.0	563	NP	5.27	0.00	-	-
07/07/05	2,500	70	7.6	<0.24	160	1,930	-	-	-	-	-
07/20/05	4,260	392	15 J	175	100	742	NP	6.12	0.00	-	-
10/19/05	321	<0.32	<0.10	<0.24	<0.30	423	NP	5.28	0.00	-	-
01/24/06	3,200	34	331	87	510	86	NP	4.58	0.00	-	-
04/19/06	22,100	440	4,240	234	1,530	195	NP	3.38	0.00	-	-
07/19/06	15,800	377	629	627	578	530	NP	8.10	0.00	-	-
09/15/06	-	-	-	-	-	-	-	-	-	-	-
10/18/06	57,600	75	5,730	1,770	7,820	263	NP	5.28	0.00	-	-
01/17/07	117,000	254	15,200	4,840	28,800	300	NP	6.82	0.00	30.49	23.67
04/18/07	896	<0.32	<0.10	<0.24	117	49	NP	7.60	0.00	30.49	22.89
07/18/07	2,290	106	3.7 J	2.2 J	160	146	NP	5.62	0.00	30.49	24.87
10/17/07	313	<0.18	5.9	1.6 J	20	162	NP	3.41	0.00	30.49	27.08
01/16/08	77	<0.18	<0.24	<0.21	<0.45	105	NP	4.51	0.00	30.49	25.98
04/22/08	30,300	165	3,660	2,060	11,400	<19	NP	7.59	0.00	30.49	22.90
07/16/08	15,100	62	600	186	1,280	148	NP	5.26	0.00	30.49	25.23
10/15/08	291	12	<0.24	<0.21	1.1 J	263	NP	4.52	0.00	30.49	25.97
01/21/09	1,060	11	176	41	243	123	NP	4.52	0.00	30.49	25.97
04/15/09	26,500	154	2,360	874	5,600	66	NP	4.53	0.00	30.49	25.96
10/21/09	12,600	396	2,380	469	2,870	<1.9	NP	3.79	0.00	30.49	26.70
04/21/10	6,350	40	180	109	878	24	NP	4.35	0.00	30.49	26.14
10/20/10	83	<0.18	<0.24	<0.21	<0.45	23	NP	4.51	0.00	30.49	25.98
03/16/12	1,200	2.2	<0.24	29	9.4	12	NP	3.09	0.00	30.49	27.40
06/06/12	1,090	2.2	<0.24	38	4.0 J	16	NP	4.28	0.00	30.49	26.21
09/05/12	163	<0.18	<0.24	<0.21	<0.45	16	NP	4.52	0.00	30.49	25.97
12/04/12	762	10	220	34	210	<0.19	NP	4.57	0.00	30.49	25.92
06/12/13	60.5	<0.18	5.3	1.6 J	11	<0.19	NP	4.60	0.00	30.49	25.89

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
MONITORING WELL #MW-3											
Screen Interval = 5 to 25 feet						Casing Diameter = 2 inches					
01/09/92	-	-	-	-	-	-	NP	17.60	0.00	97.69	80.09
04/13/92	-	-	-	-	-	-	NP	17.40	0.00	97.69	80.29
10/05/92	-	-	-	-	-	-	NP	17.35	0.00	97.69	80.34
01/06/93	-	-	-	-	-	-	NP	17.40	0.00	97.69	80.29
04/26/93	-	-	-	-	-	-	NP	17.90	0.00	97.69	79.79
01/04/94	-	-	-	-	-	-	NP	17.60	0.00	97.69	80.09
04/05/94	-	-	-	-	-	-	NP	16.25	0.00	97.69	81.44
01/08/96	-	-	-	-	-	-	NP	7.11	0.00	97.69	90.58
04/08/96	8,800	610	31	530	900	-	NP	7.20	0.00	97.69	90.49
07/22/96	38,000	4,100	1,500	1,600	5,400	2,600	NP	6.82	0.00	97.69	90.87
10/16/96	2,400	<0.3	<0.3	<0.3	<0.5	3,800	NP	6.84	0.00	97.69	90.85
01/22/97	2,200	<0.3	<0.3	<0.3	<0.5	5,500	NP	4.80	0.00	97.69	92.89
04/21/97	15,000	1,500	36	260	710	11,000	NP	9.40	0.00	97.69	88.29
07/14/97	5,400	0.45	<0.3	<0.3	<0.5	14,000	NP	10.92	0.00	97.69	86.77
10/07/97	8,800	0.39	<0.3	<0.3	0.88	-	NP	11.95	0.00	97.69	85.74
01/19/98	22,000	1,300	15	20	310	-	NP	7.85	0.00	97.69	89.84
04/23/98	9,200	3.9	3.1	5.7	9.8	16,000	NP	11.20	0.00	97.69	86.49
07/20/98	750	0.41	1.4	0.47	1.8	2,800	NP	7.36	0.00	97.69	90.33
10/14/98	750	<0.3	<0.3	<0.3	<0.5	15,000	NP	11.95	0.00	97.69	85.74
01/21/99	4,700	0.32	<0.3	<0.3	<0.5	*12,000 / 16,000	NP	10.45	0.00	97.69	87.24
04/15/99	7,900	0.59	0.69	<0.3	0.94	*11,000 / 14,000	NP	7.86	0.00	97.69	89.83
07/26/99	5,200	<3.0	<3.0	<3.0	<5.0	*9,600 / 11,000	NP	10.40	0.00	97.69	87.29
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	7.09	0.00	97.69	90.60
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	6.86	0.00	97.69	90.83
04/05/00	<50	0.8	<0.25	<0.25	<0.5	*5.6 / <5.0	NP	8.85	0.00	97.69	88.84
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	8.86	0.00	97.69	88.83
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	7.32	0.00	97.69	90.37
01/17/01	<50	<0.18	2.0	<0.18	1.0	*39 / 39	NP	5.40	0.00	97.69	92.29
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	8.87	0.00	97.69	88.82
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	7.32	0.00	97.69	90.37
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	8.87	0.00	97.69	88.82
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.78	0.00	97.69	91.91
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	7.31	0.00	97.69	90.38
07/31/02	138	1.1	1.2	<0.18	<0.26	<0.24	NP	5.76	0.00	97.69	91.93
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	21	NP	5.73	0.00	97.69	91.96
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	16	NP	7.30	0.00	97.69	90.39
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	16	NP	5.76	0.00	97.69	91.93
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	11	NP	5.63	0.00	97.69	92.06
10/20/03	13,700	4.13	<0.02	<0.02	<0.06	*6,570 / 4,920	NP	5.61	0.00	97.69	92.08
01/14/04	1,160	2.0	2.2	6.1	7.8	*1,510 / 767	NP	4.23	0.00	97.69	93.46
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.48	0.00	97.69	92.21
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.66	0.00	97.69	91.03
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	4.20	0.00	97.69	93.49
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.74	0.00	97.69	91.95
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	7.23	0.00	97.69	90.46
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.82	0.00	97.69	90.87
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	7.0	NP	7.26	0.00	97.69	90.43
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.50	0.00	97.69	92.19
04/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.72	0.00	97.69	91.97
07/19/06	12,900	539	744	169	296	1,640	NP	5.63	0.00	97.69	92.06

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
09/15/06	1,750	4.3	68	11	90	502	NP	6.62	0.00	97.69	91.07
10/18/06	75	<0.32	<0.10	1.1 J	1.1 J	47	NP	5.72	0.00	97.69	91.97
01/17/07	<5.6	<0.32	2.1 J	<0.24	1.0 J	13	NP	5.73	0.00	31.15	25.42
04/18/07	<5.6	<0.32	2.0 J	<0.24	6.2	11	NP	5.74	0.00	31.15	25.41
07/18/07	<5.6	<0.18	2.2 J	<0.21	1.3 J	5.3	NP	8.36	0.00	31.15	22.79
10/17/07	<5.6	1.0	<0.24	<0.21	<0.45	1.5	NP	5.74	0.00	31.15	25.41
01/16/08	<5.6	<0.18	<0.24	<0.21	<0.45	1.3	NP	5.73	0.00	31.15	25.42
04/22/08	<6.6	<0.18	<0.24	<0.21	<0.45	1.2	NP	5.73	0.00	31.15	25.42
07/16/08	<6.6	<0.18	1.0 J	<0.21	1.5 J	<0.19	NP	7.23	0.00	31.15	23.92
10/15/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.72	0.00	31.15	25.43
01/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.76	0.00	31.15	25.39
04/15/09	<6.6	<0.18	1.1 J	<0.21	<0.45	<0.19	NP	5.73	0.00	31.15	25.42
10/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.23	0.00	31.15	26.92
04/21/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.90	0.00	31.15	25.25
10/20/10	<6.6	<0.18	<0.24	<0.21	1.2 J	<0.19	NP	5.71	0.00	31.15	25.44
03/16/12	20,600	38	7,600	25	6.9	59	NP	4.42	0.00	31.15	26.73
06/06/12	4,670	36	290	37	<2.25	37	Sheen	5.74	0.00	31.15	25.41
09/05/12	482	8.7	2.3 J	<0.21	3.7 J	42	NP	5.74	0.00	31.15	25.41
12/04/12	10,300	83	2,100	350	1,900	34	NP	5.46	0.00	31.15	25.69
06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	8.1	NP	5.82	0.00	31.15	25.33
MONITORING WELL #MW-4 Screen Interval = 4 to 14 feet											
01/09/92	-	-	-	-	-	-	NP	5.25	0.00	97.33	92.08
04/13/92	-	-	-	-	-	-	NP	6.40	0.00	97.33	90.93
10/05/92	-	-	-	-	-	-	NP	9.95	0.00	97.33	87.38
01/06/93	-	-	-	-	-	-	NP	4.10	0.00	97.33	93.23
04/26/93	-	-	-	-	-	-	NP	4.84	0.00	97.33	92.49
01/04/94	-	-	-	-	-	-	NP	9.05	0.00	97.33	88.28
04/05/94	-	-	-	-	-	-	NP	8.10	0.00	97.33	89.23
10/09/95	63,000	9,000	2,100	2,500	9,600	-	-	-	-	97.33	-
01/08/96	23,000	2,200	830	880	3,600	-	NP	5.57	0.00	97.33	91.76
04/08/96	56,000	5,000	2,500	2,600	11,000	-	NP	5.36	0.00	97.33	91.97
07/22/96	33,000	3,700	1,600	1,400	6,000	2,400	NP	4.80	0.00	97.33	92.53
10/16/96	2,800	7.8	0.60	0.41	52	2,000	NP	5.47	0.00	97.33	91.86
01/22/97	1,400	<0.3	<0.3	<0.3	<0.5	3,100	NP	5.15	0.00	97.33	92.18
04/21/97	-	-	-	-	-	-	5.30	6.36	1.06	97.33	91.77
07/14/97	-	-	-	-	-	-	5.21	5.24	0.03	97.33	92.11
10/07/97	-	-	-	-	-	-	7.80	7.82	0.02	97.33	89.53
01/15/98	-	-	-	-	-	-	6.60	6.68	0.08	97.33	90.71
04/23/98	-	-	-	-	-	-	5.30	6.36	1.06	97.33	91.77
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	6.05	0.00	97.33	91.28
10/14/98	3,100	86	23	2.0	520	1,100	NP	6.85	0.00	97.33	90.48
01/21/99	9,100	3.2	5.6	1.8	130	* 24,000 / 17,000	NP	6.10	0.00	97.33	91.23
04/15/99	14,000	<0.3	0.71	<0.3	<0.5	* 20,000 / 22,000	NP	6.05	0.00	97.33	91.28
07/26/99	4,500	<6.0	<6	<6	<10	* 8,700 / 9,800	NP	6.07	0.00	97.33	91.26
10/13/99	410	<0.3	0.63	<0.3	<0.5	660	NP	5.54	0.00	97.33	91.79
01/20/00	770	<0.3	<0.3	<0.3	<0.5	* 2,400 / 1,900	NP	5.49	0.00	97.33	91.84
04/05/00	61,200	0.9	<0.25	<0.25	<0.5	* 18,500 / 21,900	NP	5.30	0.00	97.33	92.03
07/19/00	96,600	1,770	1,760	2,690	8,730	21,900 / 9,740 J	NP	5.29	0.00	97.33	92.04
10/18/00	34,900	698	1,010	607	4,130	* 27,800 / 15,900	NP	6.02	0.00	97.33	91.31

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
01/17/01	29,100	799	930	614	3,400	*24,300 / 31,400	NP	4.88	0.00	97.33	92.45
04/19/01	103,000	4,880	3,980	3,260	11,800	66,900	NP	4.89	0.00	97.33	92.44
07/18/01	52,200	3,320	2,090	440	5,520	*55,500 / 16,800	NP	6.04	0.00	97.33	91.29
10/10/01	8,580	6.1	14	5.3	70	*40,100 / 30,000	NP	4.51	0.00	97.33	92.82
01/30/02	36,500	<0.18	3.0	1.0	3.0	*43,000 / 24,900	NP	4.51	0.00	97.33	92.82
04/17/02	12,900	8.0	1.0	<0.18	1.0	16,000 / 13,600	NP	4.51	0.00	97.33	92.82
07/31/02	19,300	<0.18	1.2	1.5	2.6	*13,200 / 10,100	NP	5.26	0.00	97.33	92.07
11/14/02	36,200	1,720	940	235	6,190	8,280	NP	5.27	0.00	97.33	92.06
01/29/03	13,000	444	39	<0.4	1,200	8,160	NP	4.50	0.00	97.33	92.83
04/23/03	7,430	130	5.7	<0.2	387	5,830	NP	4.80	0.00	97.33	92.53
07/10/03	16,200	<2.2	<3.2	<3.1	<4.0	3,930	NP	4.55	0.00	97.33	92.78
10/20/03	6,040	672	384	3.4	444	*3,780 / 3,220	NP	4.56	0.00	97.33	92.77
WELL ABANDONED 01/2004											
MONITORING WELL #MW-4R											
Screen Interval = 5 to 20 feet						Casing Diameter = 4 inches					
02/03/04							-	-	-	-	-
04/08/04	37,900	819	424	159	3,190	18,400	NP	4.96	0.00	-	-
07/21/04	14,500	<2.2	<3.2	<3.1	39 J	18,900	NP	6.60	0.00	-	-
10/20/04	66,000	6,390	6,560	672	3,290	13,300	NP	3.38	0.00	-	-
01/19/05	17,600	513	240	855	2,230	3,310	NP	4.32	0.00	-	-
04/20/05	19,200	190	109	452	974	1,870	NP	4.72	0.00	-	-
07/07/05	11,500	233	68	369	875	2,350	-	-	-	-	-
07/20/05	11,300	251	90	154	1,460	1,280	NP	6.08	0.00	-	-
10/19/05	1,310	<0.32	<0.10	<0.24	<0.30	1,160	NP	5.08	0.00	-	-
01/24/06	41,300	391	2,310	871	5,430	388	NP	4.98	0.00	-	-
04/19/06	26,100	399	1,290	254	3,350	732	NP	4.72	0.00	-	-
07/19/06	34,500	38	1,120	251	3,950	115	NP	6.84	0.00	-	-
09/15/06	-	-	-	-	-	-	-	-	-	-	-
10/18/06	37,000	<32	3,910	1,350	5,770	389	NP	5.85	0.00	-	-
01/17/07	211,000	223	22,800	5,670	33,800	<126	NP	6.62	0.00	30.23	23.61
04/18/07	13,000	52	2,300	97 J	5,140	102	NP	7.02	0.00	30.23	23.21
07/18/07	2,510	88	1.7 J	<0.21	107	124	NP	5.36	0.00	30.23	24.87
10/17/07	580	<0.18	24	3.9 J	81	120	NP	4.72	0.00	30.23	25.51
01/16/08	2,040	14	5.6	33	97	107	NP	4.34	0.00	30.23	25.89
04/22/08	1,310	24	329	111	582	<1.9	NP	7.00	0.00	30.23	23.23
07/16/08	33,400	236	2,030	1,030	6,990	6.6	NP	5.05	0.00	30.23	25.18
10/15/08	1,800	61	2.4 J	<0.21	23	130	NP	4.35	0.00	30.23	25.88
01/21/09	750	15	170	38	221	109	NP	4.35	0.00	30.23	25.88
04/15/09	27,100	197	2,300	834	4,810	<19.0	NP	4.35	0.00	30.23	25.88
10/21/09	5,240	161	712	145	1,000	<1.9	NP	3.40	0.00	30.23	26.83
04/21/10	2,480	22	<1.2	17 J	723	27	NP	4.52	0.00	30.23	25.71
10/20/10	20,300	351	3,600	483	2,780	<3.8	NP	4.32	0.00	30.23	25.91
03/16/12	1,080	1.8	<0.24	15	7.8	8.0	NP	2.78	0.00	30.23	27.45
06/06/12	663	2.4	<0.24	5.6	1.3 J	48	NP	4.03	0.00	30.23	26.20
09/05/12	58.0	<0.18	<0.24	<0.21	<0.45	7.8	NP	4.32	0.00	30.23	25.91
12/04/12	1,010	8.7	170	31	200	<0.19	NP	4.97	0.00	30.23	25.26
06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.41	0.00	30.23	25.82

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
MONITORING WELL #MW-5											
Screen Interval = 4 to 14 feet						Casing Diameter = 2 inches					
01/09/92	-	-	-	-	-	-	NP	5.32	0.00	98.85	93.53
04/13/92	-	-	-	-	-	-	NP	4.82	0.00	98.85	94.03
10/05/92	-	-	-	-	-	-	NP	8.78	0.00	98.85	90.07
01/06/93	-	-	-	-	-	-	NP	3.46	0.00	98.85	95.39
04/26/93	-	-	-	-	-	-	NP	4.66	0.00	98.85	94.19
01/04/94	-	-	-	-	-	-	NP	6.36	0.00	98.85	92.49
04/05/94	-	-	-	-	-	-	NP	5.94	0.00	98.85	92.91
07/12/95	<100	<0.5	<0.5	<0.5	<1.0	-	-	-	-	98.85	-
10/09/95	440	31	11	19	84	-	-	-	-	98.85	-
01/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	NP	6.63	0.00	98.85	92.22
04/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	NP	5.22	0.00	98.85	93.63
07/22/96	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	6.62	0.00	98.85	92.23
10/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	6.12	0.00	98.85	92.73
01/22/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	5.17	0.00	98.85	93.68
04/21/97	73	2.5	0.34	0.74	3.8	21	NP	6.64	0.00	98.85	92.21
07/14/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	6.67	0.00	98.85	92.18
10/07/97	130	<0.3	<0.3	<0.3	<0.5	-	NP	8.20	0.00	98.85	90.65
01/19/98	85	<0.3	<0.3	<0.3	<0.5	-	NP	1.55	0.00	98.85	97.30
04/23/98	220	0.39	<0.3	<0.3	<0.5	350	NP	8.10	0.00	98.85	90.75
07/20/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	6.30	0.00	98.85	92.55
10/14/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	7.65	0.00	98.85	91.20
01/21/99	<50	<0.3	<0.3	<0.3	<0.5	*6.7 / <5.0	NP	6.15	0.00	98.85	92.70
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	1.60	0.00	98.85	97.25
07/26/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	6.13	0.00	98.85	92.72
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	6.61	0.00	98.85	92.24
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	6.14	0.00	98.85	92.71
04/05/00	<50	0.5	<0.25	<0.25	<0.5	*5.4 / <5.0	NP	4.58	0.00	98.85	94.27
07/19/00	<50	<0.3	<0.3	<0.3	<0.6	<5.0	NP	4.59	0.00	98.85	94.26
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	6.28	0.00	98.85	92.57
01/17/01	<50	<0.18	<0.14	<0.18	1.0	*5.0 / 4.8	NP	4.58	0.00	98.85	94.27
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	4.58	0.00	98.85	94.27
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	6.12	0.00	98.85	92.73
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	4.58	0.00	98.85	94.27
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	4.48	0.00	98.85	94.37
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	4.58	0.00	98.85	94.27
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	6.10	0.00	98.85	92.75
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	9.0	NP	6.11	0.00	98.85	92.74
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	7.1	NP	4.55	0.00	98.85	94.30
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	7.9	NP	3.03	0.00	98.85	95.82
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	7.4	NP	5.25	0.00	98.85	93.60
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	*9.11 / 9.2	NP	5.25	0.00	98.85	93.60
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	*8.2 / 4.1	NP	3.03	0.00	98.85	95.82
04/08/04	797	<0.22	<0.32	<0.31	<0.4	635	NP	4.35	0.00	98.85	94.50
07/21/04	548	<0.22	<0.32	<0.31	<0.4	788	NP	5.56	0.00	98.85	93.29
10/20/04	901	<0.22	<0.32	<0.31	<0.4	734	NP	4.15	0.00	98.85	94.70
01/19/05	350	<0.22	<0.32	<0.31	<0.4	860	NP	4.57	0.00	98.85	94.28
04/20/05	718	<0.22	<0.32	<0.31	<0.4	848	NP	6.10	0.00	98.85	92.75
07/20/05	255	<0.32	<0.10	<0.24	<0.30	274	NP	5.76	0.00	98.85	93.09
10/19/05	225	<0.32	<0.10	<0.24	<0.30	300	NP	6.10	0.00	98.85	92.75
01/24/06	681	<0.32	<0.10	<0.24	<0.30	334	NP	4.34	0.00	98.85	94.51

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
04/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	4.58	0.00	98.85	94.27
07/19/06	3,500	11	584	52	208	<0.63	NP	5.56	0.00	98.85	93.29
09/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	1.8	NP	5.81	0.00	98.85	93.04
10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.08	0.00	98.85	92.77
01/17/07	162	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.09	0.00	32.30	26.21
04/18/07	<5.6	<0.32	<0.10	<0.24	<0.3	<0.63	NP	6.09	0.00	32.30	26.21
07/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	6.52	0.00	32.30	25.78
10/17/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.55	0.00	32.30	27.75
01/16/08	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.56	0.00	32.30	27.74
04/22/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	6.11	0.00	32.30	26.19
07/16/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	6.08	0.00	32.30	26.22
10/15/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.53	0.00	32.30	27.77
01/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.60	0.00	32.30	27.70
04/15/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.60	0.00	32.30	27.70
10/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.17	0.00	32.30	28.13
04/21/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.06	0.00	32.30	28.24
10/20/10	<6.6	<0.18	1.3 J	<0.21	2.0 J	1.2	NP	4.59	0.00	32.30	27.71
03/16/12	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	2.78	0.00	32.30	29.52
06/06/12	6,020	83	830	160	1,100	<0.19	Sheen	5.37	0.00	32.30	26.93
09/05/12	<6.6	<1.8	<2.4	<2.1	<4.5	<1.9	NP	4.57	0.00	32.30	27.73
12/04/12	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.36	0.00	32.30	27.94
06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.68	0.00	32.30	27.62
MONITORING WELL #MW-6											
Screen Interval = 4 to 14 feet						Casing Diameter = 2 inches					
01/09/92	-	-	-	-	-	-	NP	6.30	0.00	99.67	93.37
04/13/92	-	-	-	-	-	-	NP	5.47	0.00	99.67	94.20
10/05/92	-	-	-	-	-	-	NP	9.85	0.00	99.67	89.82
01/06/93	-	-	-	-	-	-	NP	4.16	0.00	99.67	95.51
04/26/93	-	-	-	-	-	-	NP	5.75	0.00	99.67	93.92
01/14/94	-	-	-	-	-	-	NP	7.20	0.00	99.67	92.47
04/05/94	-	-	-	-	-	-	NP	6.76	0.00	99.67	92.91
07/10/95	<100	<0.5	0.9	<0.5	1.1	-	-	-	-	99.67	-
10/09/95	250	4.8	5.6	11	58	-	-	-	-	99.67	-
01/08/96	<50	<0.3	<0.3	<0.3	<0.5	-	NP	6.16	0.00	99.67	93.51
04/08/96	230	4.6	4.7	3.2	33	-	NP	4.60	0.00	99.67	95.07
07/22/96	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	7.30	0.00	99.67	92.37
10/16/96	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	5.82	0.00	99.67	93.85
01/22/97	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	4.40	0.00	99.67	95.27
04/21/97	130	<0.3	<0.3	<0.3	<0.5	<20	NP	7.10	0.00	99.67	92.57
07/14/97	<50	<0.3	<0.3	<0.3	0.70	<20	NP	7.35	0.00	99.67	92.32
10/07/97	<50	0.78	0.3	<0.3	<0.5	-	NP	6.98	0.00	99.67	92.69
01/23/98	<50	<0.3	<0.3	<0.3	<0.5	-	NP	2.35	0.00	99.67	97.32
04/23/98	<50	<0.3	<0.3	<0.3	<0.5	<20	NP	6.90	0.00	99.67	92.77
07/20/98	<50	<0.3	1.1	<0.3	1.4	<5.0	NP	5.45	0.00	99.67	94.22
10/14/98	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	4.95	0.00	99.67	94.72
01/21/99	<50	0.35	0.62	<0.3	<0.5	<5.0	NP	3.90	0.00	99.67	95.77
04/15/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	2.35	0.00	99.67	97.32
07/26/99	1,000	<0.3	<0.3	<0.3	<0.5	*2,300 / 3,900	NP	3.93	0.00	99.67	95.74
10/13/99	<50	<0.3	<0.3	<0.3	<0.5	<5.0	NP	6.15	0.00	99.67	93.52
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	*42 / 41	NP	5.84	0.00	99.67	93.83

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
04/05/00	4,600	338	2.8	1.2	55.2	*282 / 230	NP	3.89	0.00	99.67	95.78
07/19/00	60	1.0	2.0	<0.3	<0.6	*87 / 76	NP	3.07	0.00	99.67	96.60
10/18/00	-	-	-	-	-	-	-	-	-	99.67	-
01/17/01	103	<0.18	2.0	<0.18	3.0	*78 / 106	NP	3.87	0.00	99.67	95.80
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.86	0.00	99.67	95.81
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.40	0.00	99.67	94.27
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.86	0.00	99.67	95.81
01/30/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.86	0.00	99.67	95.81
04/17/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	3.86	0.00	99.67	95.81
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	<0.24	NP	5.40	0.00	99.67	94.27
11/14/02	140	3.2	<0.18	5.2	<0.4	111	NP	5.42	0.00	99.67	94.25
01/29/03	694 J	<0.04	<0.02	<0.02	<0.06	630	NP	3.88	0.00	99.67	95.79
04/23/03	1,550	<0.04	<0.02	<0.02	<0.06	578	NP	3.86	0.00	99.67	95.81
07/10/03	1,670	<0.22	<0.32	<0.31	<0.4	509	NP	5.31	0.00	99.67	94.36
10/20/03	1,320	<0.04	<0.02	<0.02	<0.06	*656 / 662	NP	5.30	0.00	99.67	94.37
01/14/04	272	<0.04	<0.02	<0.02	<0.06	*304 / 180	NP	3.82	0.00	99.67	95.85
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.18	0.00	99.67	94.49
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.42	0.00	99.67	93.25
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.62	0.00	99.67	94.05
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.40	0.00	99.67	94.27
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.41	0.00	99.67	94.26
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	4.07	0.00	99.67	95.60
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	3.86	0.00	99.67	95.81
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.20	0.00	99.67	94.47
04/19/06	78	<0.32	<0.10	<0.24	<0.30	201	NP	3.87	0.00	99.67	95.80
07/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.54	0.00	99.67	93.13
09/15/06	-	-	-	-	-	-	-	-	-	-	-
10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.40	0.00	99.67	94.27
01/17/07	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.40	0.00	33.14	27.74
04/18/07	2,110	29	357	37	914	<0.63	NP	5.40	0.00	33.14	27.74
07/18/07	65	<0.18	<0.24	<0.21	<0.45	<0.19	NP	7.38	0.00	33.14	25.76
10/17/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	3.86	0.00	33.14	29.28
01/16/08	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.39	0.00	33.14	27.75
04/22/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.42	0.00	33.14	27.72
07/16/08	<6.6	<0.18	3.0 J	<0.21	2.7 J	<0.19	NP	3.84	0.00	33.14	29.30
10/15/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.40	0.00	33.14	27.74
01/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.42	0.00	33.14	27.72
04/15/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.42	0.00	33.14	27.72
10/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.60	0.00	33.14	27.54
04/21/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.75	0.00	33.14	28.39
10/20/10	<6.6	<0.18	1.7 J	<0.21	2.5 J	<0.19	NP	5.40	0.00	33.14	27.74
03/16/12	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	3.12	0.00	33.14	30.02
06/06/12	131,000	5,700	26,000	3,600	19,000	<19	NP	6.31	0.00	33.14	26.83
09/05/12	514	2.3	<0.24	<0.21	1.3 J	15	NP	5.43	0.00	33.14	27.71
12/04/12	<6.6	<0.18	<0.24	<0.21	<0.45	2.4	NP	5.16	0.00	33.14	27.98
06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.51	0.00	33.14	27.63

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
MONITORING WELL #MW-7											
Screen Interval = 4 to 14 feet						Casing Diameter = 4 inches					
01/09/92	-	-	-	-	-	-	NP	6.30	0.00	99.02	92.72
04/13/92	-	-	-	-	-	-	NP	6.68	0.00	99.02	92.34
10/05/92	-	-	-	-	-	-	NP	9.60	0.00	99.02	89.42
01/06/93	-	-	-	-	-	-	NP	13.90	0.00	99.02	85.12
04/26/93	-	-	-	-	-	-	NP	5.55	0.00	99.02	93.47
01/04/94	-	-	-	-	-	-	NP	7.58	0.00	99.02	91.44
04/05/94	-	-	-	-	-	-	NP	6.66	0.00	99.02	92.36
10/09/95	27,000	2,400	140	1,700	2,700	-	-	-	-	99.02	-
01/08/96	13,000	800	42	540	860	-	NP	6.94	0.00	99.02	92.08
04/08/94	9,100	840	31	690	1,200	-	NP	5.48	0.00	99.02	93.54
07/22/96	11,000	1,700	22	660	700	840	NP	6.60	0.00	99.02	92.42
10/16/96	180	<0.3	<0.3	<0.3	<0.5	270	NP	6.42	0.00	99.02	92.60
01/22/97	130	<0.3	<0.3	<0.3	<0.5	470	NP	5.70	0.00	99.02	93.32
04/21/97	10,000	1,400	27	820	490	1,100	NP	5.30	0.00	99.02	93.72
07/14/97	8,200	660	15	230	270	560	NP	7.90	0.00	99.02	91.12
10/07/97	7,700	480	15	8.4	350	-	NP	7.70	0.00	99.02	91.32
01/19/98	1,400	20	0.74	0.46	4.4	-	NP	6.05	0.00	99.02	92.97
04/23/98	590	<0.3	<0.3	<0.3	<0.5	1,700	NP	7.60	0.00	99.02	91.42
07/20/98	4,900	570	150	300	500	1,500	NP	5.30	0.00	99.02	93.72
10/14/98	1,100	1.0	<0.3	<0.3	5.3	2,000	NP	8.60	0.00	99.02	90.42
01/21/99	570	0.32	<0.3	<0.3	<0.5	* 1,500 / 1,700	NP	6.70	0.00	99.02	92.32
04/15/99	770	<0.3	<0.3	<0.3	<0.5	* 1,400 / 1,200	NP	6.07	0.00	99.02	92.95
07/26/99	500	<0.3	<0.3	<0.3	<0.5	*710 / 950	NP	7.86	0.00	99.02	91.16
10/13/99	<50	<0.3	0.44	<0.3	0.62	<5.0	NP	6.93	0.00	99.02	92.09
01/20/00	<50	<0.3	<0.3	<0.3	<0.5	*5.0 / <5.0	NP	6.44	0.00	99.02	92.58
04/05/00	5,670	415	19	1.7	60.1	*329 / 194	NP	7.86	0.00	99.02	91.16
07/19/00	1,350	14	<3.0	<3.0	10	*237 / 120	NP	7.10	0.00	99.02	91.92
10/18/00	<50	<0.18	<0.14	<0.18	<0.26	*63 / 41.1	NP	5.28	0.00	99.02	93.74
01/17/01	<50	<0.18	<0.14	<0.18	3.0	*57 / 81	NP	5.27	0.00	99.02	93.75
04/19/01	<50	<0.18	<0.14	<0.18	<0.26	66	NP	7.86	0.00	99.02	91.16
07/18/01	<50	<0.18	<0.14	<0.18	<0.26	*9.0 / 3.5	NP	6.30	0.00	99.02	92.72
10/10/01	<50	<0.18	<0.14	<0.18	<0.26	*9.4 / 7.9	NP	8.23	0.00	99.02	90.79
01/30/02	2,590	40	9.0	8.0	6.0	*45 / 22	NP	5.14	0.00	99.02	93.88
04/17/02	51	<0.18	<0.14	<0.18	<0.26	*58 / 45	NP	5.53	0.00	99.02	93.49
07/31/02	<50	<0.18	<0.14	<0.18	<0.26	*39 / 33	NP	5.93	0.00	99.02	93.09
11/14/02	<50	<0.08	<0.18	<0.17	<0.4	6.8	NP	5.92	0.00	99.02	93.10
01/29/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	5.51	0.00	99.02	93.51
04/23/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	5.14	0.00	99.02	93.88
07/10/03	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.03	0.00	99.02	93.99
10/20/03	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	5.01	0.00	99.02	94.01
01/14/04	<15	<0.04	<0.02	<0.02	<0.06	<0.03	NP	4.38	0.00	99.02	94.64
04/08/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	4.86	0.00	99.02	94.16
07/21/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	6.82	0.00	99.02	92.20
10/20/04	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.71	0.00	99.02	93.31
01/19/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	4.77	0.00	99.02	94.25
04/20/05	<15	<0.22	<0.32	<0.31	<0.4	<0.18	NP	5.54	0.00	99.02	93.48
07/20/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.80	0.00	99.02	92.22
10/19/05	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.89	0.00	99.02	93.13
01/24/06	<2.9	<0.32	<0.10	<0.24	<0.30	<0.63	NP	4.89	0.00	99.02	94.13
04/19/06	<5.6	<0.32	<0.10	<0.24	<0.30	2.9	NP	5.13	0.00	99.02	93.89

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
07/19/06	3,430	58	28 J	<2.4	447	528	NP	6.31	0.00	99.02	92.71
09/15/06	<5.6	<0.32	<0.10	<0.24	<0.30	16	NP	6.72	0.00	99.02	92.30
10/18/06	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	5.13	0.00	99.02	93.89
01/17/07	<5.6	<0.32	<0.10	<0.24	<0.30	<0.63	NP	6.62	0.00	31.61	24.99
04/18/07	<5.6	<0.32	<0.10	<0.24	<0.3	<0.63	NP	5.86	0.00	31.61	25.75
07/18/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	6.82	0.00	31.61	24.79
10/17/07	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.87	0.00	31.61	25.74
01/06/08	<5.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.79	0.00	31.61	26.82
04/22/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.84	0.00	31.61	25.77
07/16/08	<6.6	<0.18	2.1 J	<0.21	5.6	<0.19	NP	5.86	0.00	31.61	25.75
10/15/08	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.80	0.00	31.61	26.81
01/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.80	0.00	31.61	26.81
04/15/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.80	0.00	31.61	26.81
10/21/09	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	5.70	0.00	31.61	25.91
04/21/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.15	0.00	31.61	27.46
10/20/10	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.79	0.00	31.61	26.82
03/16/12	1,500	20	1.5 J	4.0 J	<0.45	6.2	NP	3.96	0.00	31.61	27.65
06/06/12	1,880	16	<0.24	1.8 J	1.6 J	7.2	Sheen	5.46	0.00	31.61	26.15
09/05/12	65.7	<0.18	<0.24	<0.21	2.3 J	22	NP	4.79	0.00	31.61	26.82
12/04/12	1,670	9.7	240	41	250	<0.19	NP	4.85	0.00	31.61	26.76
06/12/13	<6.6	<0.18	<0.24	<0.21	<0.45	<0.19	NP	4.88	0.00	31.61	26.73

MONITORING WELL #RW-1

Screen Interval = 5 to 20 feet

Casing Diameter = 4 inches

01/09/92	-	-	-	-	-	-	NP	14.00	0.00	-	-
04/13/92	-	-	-	-	-	-	NP	14.00	0.00	-	-
10/05/92	-	-	-	-	-	-	NP	15.05	0.00	-	-
01/06/93	-	-	-	-	-	-	NP	5.43	0.00	-	-
04/26/93	-	-	-	-	-	-	NP	13.20	0.00	-	-
01/04/94	-	-	-	-	-	-	NP	14.30	0.00	-	-
04/05/94	-	-	-	-	-	-	NP	14.13	0.00	-	-
01/08/96	-	-	-	-	-	-	NP	14.22	0.00	-	-
04/08/96	-	-	-	-	-	-	NP	14.33	0.00	-	-
07/22/96	8,100	530	84	120	860	-	NP	14.27	0.00	-	-
10/16/96	-	-	-	-	-	-	NP	13.10	0.00	-	-
01/22/97	-	-	-	-	-	-	NP	16.97	0.00	-	-
10/07/97	-	-	-	-	-	-	NP	14.20	0.00	-	-
01/15/98	-	-	-	-	-	-	NP	15.60	0.00	-	-
04/23/98	81,000	0.72	1.4	3.2	5.7	270,000	NP	14.20	0.00	-	-
07/20/98	-	-	-	-	-	-	NP	14.30	0.00	-	-
10/14/98	-	-	-	-	-	-	NP	11.20	0.00	-	-
01/21/99	-	-	-	-	-	-	-	-	-	-	-
04/15/99	-	-	-	-	-	-	NP	13.10	0.00	-	-
07/26/99	4,400	<3.0	<3.0	<3.0	<5.0	*6,800 / 9,000	NP	13.83	0.00	-	-
10/13/99	-	-	-	-	-	-	-	-	-	-	-
01/20/00	-	-	-	-	-	-	NP	13.22	0.00	-	-
04/05/00	-	-	-	-	-	-	-	-	-	-	-
07/19/00	-	-	-	-	-	-	NP	13.25	0.00	-	-
10/18/00	-	-	-	-	-	-	NP	11.14	0.00	-	-
01/17/01	-	-	-	-	-	-	NP	11.12	0.00	-	-
04/19/01	-	-	-	-	-	-	-	-	-	-	-

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
07/18/01	-	-	-	-	-	-	NP	11.20	0.00	-	-
10/10/01	-	-	-	-	-	-	NP	11.20	0.00	-	-
01/30/02	-	-	-	-	-	-	NP	12.30	0.00	-	-
04/17/02	-	-	-	-	-	-	NP	14.30	0.00	-	-
07/31/02	-	-	-	-	-	-	NP	14.21	0.00	-	-
11/14/02	-	-	-	-	-	-	NP	14.13	0.00	-	-
01/29/03	-	-	-	-	-	-	NP	13.12	0.00	-	-
04/23/03	-	-	-	-	-	-	-	No Access	-	-	-
07/10/03	-	-	-	-	-	-	-	No Access	-	-	-
10/20/03	-	-	-	-	-	-	-	No Access	-	-	-
WELL ABANDONED 01/2004											
MONITORING WELL #RW-1R Screen Interval = 5 to 20 feet											
02/03/04	-	-	-	-	-	-	-	-	-	-	-
04/08/04	6,740	42	32 J	<3.1	1,160	239	NP	4.76	0.00	-	-
07/21/04	118	<0.22	<0.32	<0.31	<0.4	107	NP	6.85	0.00	-	-
10/20/04	29,900	3,850	4,010	381	1,920	103	NP	4.28	0.00	-	-
01/19/05	13,400	272	243	24 J	2,230	2,110	NP	4.54	0.00	-	-
04/20/05	1,220	<0.22	<0.32	<0.31	<0.4	1,580	NP	4.95	0.00	-	-
07/07/05	6,490	410	74	84	620	2,560	-	-	-	-	-
07/20/05	4,900	133	52	<2.4	750	465	NP	6.32	0.00	-	-
10/19/05	572	<0.32	<0.10	<0.24	<0.30	417	NP	5.68	0.00	-	-
01/24/06	14,500	192	1,150	342	2,980	432	NP	4.78	0.00	-	-
04/19/06	7,430	94	411	<2.4	1,820	571	NP	4.94	0.00	-	-
07/19/06	5,020	55	17 J	<2.4	457	636	NP	7.10	0.00	-	-
09/15/06	-	-	-	-	-	-	-	-	-	-	-
10/18/06	41,500	63	4,710	1,510	6,390	343	NP	6.06	0.00	-	-
01/17/07	164,000	249	25,300	6,040	35,200	217	NP	6.83	0.00	30.59	23.76
04/18/07	13,000	<16	2,230	121 J	5,070	92	NP	7.22	0.00	30.59	23.37
07/18/07	3,930	90	64	291	437	117	NP	5.76	0.00	30.59	24.83
10/17/07	993	<0.18	22	4.7 J	85	108	NP	4.93	0.00	30.59	25.66
01/16/08	1,990	14	5.6	33	99	108	NP	4.56	0.00	30.59	26.03
04/22/08	22,400	330	2,350	517	3,250	15	NP	7.23	0.00	30.59	23.36
07/16/08	5,140	35	315	94	761	3.0	NP	5.65	0.00	30.59	24.94
10/15/08	2,430	71	3.5 J	<0.21	35	179	NP	4.55	0.00	30.59	26.04
01/21/09	75	<0.18	<0.24	<0.21	<0.45	128	NP	4.57	0.00	30.59	26.02
04/15/09	2,740	33	395	89	514	61	NP	4.56	0.00	30.59	26.03
10/21/09	16,400	124	920	358	2,250	5.1	NP	4.30	0.00	30.59	26.29
04/21/10	1,570	18	<1.2	<1.05	276	24	NP	3.92	0.00	30.59	26.67
10/20/10	49,000	425	7,260	2,700	15,900	<19.0	NP	4.55	0.00	30.59	26.04
03/16/12	1,420	2.2	<0.24	27	64	3.4	NP	3.09	0.00	30.59	27.50
06/06/12	1,050	15	<0.24	16	18	32	NP	4.45	0.00	30.59	26.14

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #049, OAKLAND, CA.**

DATE SAMPLED	ANALYTICAL PARAMETERS						DEPTH TO PRODUCT (feet)	DEPTH TO GROUNDWATER (feet)	PRODUCT THICKNESS (feet)	CASING ELEVATION (feet)	GROUNDWATER ELEVATION (feet)
	TPH (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	EthylBenzene (µg/L)	XYLENE (µg/L)	MTBE (µg/L)					
09/05/12	186	2.1	<0.24	<0.21	<0.45	5.6	NP	4.57	0.00	30.59	26.02
12/04/12	<6.6	<0.18	<0.24	<0.21	<0.45	2.7	NP	4.75	0.00	30.59	25.84
06/12/13	<6.6	<0.18	11	1.3 J	11	<0.19	NP	4.67	0.00	30.59	25.92

NOTE: * MTBE 8020 / 8260
 ND = Nondetectable
 NP = No free hydrocarbon product
 " - " = Not analyzed / Not available
 J = Flag indicating value between MDL and PQL

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA method 8020.
 Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline
 Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020 or 8260
 On 7/21/04, 4/08/04, 7/10/03 & 11/14/02, BTEX and MTBE done by 8260B

**TABLE 2
ADDITIONAL GROUNDWATER DATA
THRIFTY OIL STATION # 049, OAKLAND, CA.**

DATE SAMPLED	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (mg/L)
MONITORING WELL # MW-1						
11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20,000	<20
10/19/05	<0.29	<0.17	<0.28	12	<20,000	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20,000	<20
04/19/06	<0.29	<0.17	<0.28	<10	<20,000	<20
07/19/06	<2.9	<1.7	<2.8	<100	-	-
09/15/06	<0.29	<0.17	<0.28	<10	-	-
10/18/06	<0.29	<0.17	<0.28	<10	-	-
01/17/07	<0.29	<0.17	<0.28	<10	-	-
04/18/07	<0.29	<0.17	<0.28	<10	-	-
07/18/07	<0.20	<0.23	<0.19	<10	-	-
10/17/07	<0.20	<0.23	<0.19	<10	-	-
01/16/08	<0.20	<0.23	<0.19	<10	-	-
04/22/08	<0.20	<0.23	<0.19	<10	-	-
07/16/08	<0.20	<0.23	<0.19	<5.2	-	-
10/15/08	<0.20	<0.23	<0.19	<5.2	-	-
01/21/09	<0.20	<0.23	<0.19	<5.2	-	-
04/15/09	<0.20	<0.23	<0.19	<5.2	-	-
10/21/09	<0.20	<0.23	<0.19	<5.2	<100	-
04/21/10	<0.20	<0.23	<0.19	<5.2	-	-
10/20/10	<0.20	<0.23	<0.19	<5.2	-	-
03/16/12	<0.2	<0.23	<0.19	18	-	-
06/06/12	<0.2	<0.23	<0.19	<5.2	<100	-
09/05/12	<0.2	<0.23	<0.19	<5.2	<100	-
12/04/12	<0.2	<0.23	<0.19	<5.2	2,600	-
06/12/13	<0.2	<0.23	<0.19	<5.2	<100	-
MONITORING WELL #MW-2						
11/14/02	<2.0	<1.2	111	341	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<2.9	<1.7	59	449	-	-
10/20/03	-	-	-	-	-	-
WELL ABANDONED 01/2004						
MONITORING WELL #MW-2R						
02/03/04	<0.29	<0.17	76	1,610	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/07/05	<0.29	<0.17	37	1,130	-	-
07/20/05	<0.29	<0.17	95	151	<20,000	<20
10/19/05	<0.29	<0.17	13	33	<20,000	<20
01/24/06	<0.29	<0.17	<0.28	42	<20,000	<20
04/19/06	<5.8	<3.4	<5.6	<200	<20,000	<20
07/19/06	<2.9	<1.7	68	113	-	-
09/15/06	-	-	-	-	-	-
10/18/06	<2.9	<1.7	<2.8	174.0	-	-
01/17/07	<58	<34	<52	<2000	-	-
04/18/07	<0.29	<0.17	5.2	122.0	-	-
07/18/07	<0.20	<0.23	<0.19	39	-	-
10/17/07	<0.20	<0.23	11	119	-	-
01/16/08	<0.20	<0.23	2.9	<10	-	-

**TABLE 2
ADDITIONAL GROUNDWATER DATA
THRIFTY OIL STATION # 049, OAKLAND, CA.**

DATE SAMPLED	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (mg/L)
04/22/08	<20	<23	<19	<1,000	-	-
07/16/08	<0.20	<0.23	<0.19	9.5 J	-	-
10/15/08	<0.20	<0.23	25	151	-	-
01/21/09	<0.20	<0.23	1.6	<5.2	-	-
04/15/09	<2.0	<2.3	<1.9	<52.0	-	-
10/21/09	<2.0	<2.3	<1.9	<52.0	9,660	-
04/21/10	<0.20	<0.23	<0.19	<5.2	-	-
10/20/10	<0.20	<0.23	1.4	21	-	-
03/16/12	<0.2	<0.23	<0.19	32	-	-
06/06/12	<0.2	<0.23	<0.19	<5.2	<100	-
09/05/12	<0.2	<0.23	4.8	27	<100	-
12/04/12	<0.2	<0.23	<0.19	<5.2	4,600	-
06/12/13	<0.2	<0.23	<0.19	<5.2	<100	-

MONITORING WELL # MW-3

11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20,000	<20
10/19/05	<0.29	<0.17	<0.28	<10	<20,000	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20,000	<20
04/19/06	<0.29	<0.17	<0.28	<10	<20,000	<20
07/19/06	<2.9	<1.7	173	128	-	-
09/15/06	<0.29	<0.17	38	<10	-	-
10/18/06	<0.29	<0.17	2.8	<10	-	-
01/17/07	<0.29	<0.17	<0.28	<10	-	-
04/18/07	<0.29	<0.17	<0.28	18	-	-
07/18/07	<0.20	<0.23	<0.19	11	-	-
10/17/07	<0.20	<0.23	<0.19	<10	-	-
01/16/08	<0.20	<0.23	<0.19	<10	-	-
04/22/08	<0.20	<0.23	<0.19	<10	-	-
07/16/08	<0.20	<0.23	<0.19	10	-	-
10/15/08	<0.20	<0.23	<0.19	<5.2	-	-
01/21/09	<0.20	<0.23	<0.19	<5.2	-	-
04/15/09	<0.20	<0.23	<0.19	<5.2	-	-
10/21/09	<0.20	<0.23	<0.19	<5.2	<100	-
04/21/10	<0.20	<0.23	<0.19	12	-	-
10/20/10	<0.20	<0.23	<0.19	<5.2	-	-
03/16/12	<0.2	<0.23	<0.19	140	-	-
06/06/12	<1	<1.15	<0.95	100	<500	-
09/05/12	<0.2	<0.23	<0.19	63	<100	-
12/04/12	<0.2	<0.23	3.9	<5.2	13,000	-
06/12/13	<0.2	<0.23	<0.19	<5.2	<100	-

MONITORING WELL # MW-4

11/14/02	<2.0	<1.2	106	281	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<2.9	<1.7	35	<100	-	-
10/20/03	-	-	-	-	-	-

WELL ABANDONED 01/2004

MONITORING WELL # MW-4R

02/03/04	<0.29	<0.17	209	1,350	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-

**TABLE 2
ADDITIONAL GROUNDWATER DATA
THRIFTY OIL STATION # 049, OAKLAND, CA.**

DATE SAMPLED	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (mg/L)
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/07/05	<0.29	<0.17	57	187	-	-
07/20/05	<0.29	<0.17	<0.28	369	<20,000	<20
10/19/05	<0.29	<0.17	39	335	<20,000	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20,000	<20
04/19/06	<2.9	<1.7	36	231	<20,000	<20
07/19/06	<2.9	<1.7	<2.8	<100	-	-
09/15/06	-	-	-	-	-	-
10/18/06	<29	<17	<28	<1000	-	-
01/17/07	<58	<34	<52	<2000	-	-
04/18/07	<14.5	<8.5	<14	<500	-	-
07/18/07	<0.20	<0.23	<0.19	20	-	-
10/17/07	<0.20	<0.23	3.9	89	-	-
01/16/08	<0.20	<0.23	<0.19	25	-	-
04/22/08	<2.0	<2.3	<1.9	<100	-	-
07/16/08	<0.20	<0.23	<0.19	18	-	-
10/15/08	<0.20	<0.23	<0.19	23	-	-
01/21/09	<0.20	<0.23	2.6	51	-	-
04/15/09	<20	<23	<19	<520	-	-
10/21/09	<2.0	<2.3	<1.9	<52.0	25,400	-
04/21/10	<1.0	<1.15	<0.95	<26.0	-	-
10/20/10	<4.0	<4.6	<3.8	<104.0	-	-
03/16/12	<0.2	<0.23	<0.19	<5.2	-	-
06/06/12	<0.2	<0.23	<0.19	77	<100	-
09/05/12	<0.2	<0.23	1.3	<5.2	<100	-
12/04/12	<0.2	<0.23	<0.19	<5.2	5,400	-
06/12/13	<0.2	<0.23	<0.19	<5.2	<100	-

MONITORING WELL # MW-5

11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20,000	<20
10/19/05	<0.29	<0.17	1.4	<10	<20,000	<20
01/24/06	<0.29	<0.17	1.2	19	<20,000	<20
04/19/06	<0.29	<0.17	<0.28	<10	<20,000	<20
07/19/06	<0.29	<0.17	<0.28	<10	-	-
09/15/06	<0.29	<0.17	<0.28	<10	-	-
10/18/06	<0.29	<0.17	<0.28	<10	-	-
01/17/07	<0.29	<0.17	<0.28	<10	-	-
04/18/07	<0.29	<0.17	<0.28	<10	-	-
07/18/07	<0.20	<0.23	<0.19	<10	-	-
10/17/07	<0.20	<0.23	<0.19	<10	-	-
01/16/08	<0.20	<0.23	<0.19	<10	-	-
04/22/08	<0.20	<0.23	<0.19	<10	-	-
07/16/08	<0.20	<0.23	<0.19	<5.2	-	-
10/15/08	<0.20	<0.23	<0.19	<5.2	-	-
01/21/09	<0.20	<0.23	<0.19	<5.2	-	-
04/15/09	<0.20	<0.23	<0.19	<5.2	-	-
10/21/09	<0.20	<0.23	<0.19	<5.2	<100	-
04/21/10	<0.20	<0.23	<0.19	<5.2	-	-
10/20/10	<0.20	<0.23	<0.19	<5.2	-	-
03/16/12	<0.2	<0.23	<0.19	<5.2	-	-
06/06/12	<0.2	<0.23	<0.19	<5.2	9,300	-

**TABLE 2
ADDITIONAL GROUNDWATER DATA
THRIFTY OIL STATION # 049, OAKLAND, CA.**

DATE SAMPLED	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (mg/L)
09/05/12	<2.0	<2.3	<1.9	<52.0	6,200	-
12/04/12	<0.2	<0.23	<0.19	<5.2	<100	-
06/12/13	<0.2	<0.23	<0.19	<5.2	<100	-
MONITORING WELL # MW-6						
11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	2.1	38	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20,000	<20
10/19/05	<0.29	<0.17	<0.28	<10	<20,000	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20,000	<20
04/19/06	<0.29	<0.17	<0.28	13	<20,000	<20
07/19/06	<0.29	<0.17	<0.28	<10	-	-
09/15/06	-	-	-	-	-	-
10/18/06	<0.29	<0.17	<0.28	<10	-	-
01/17/07	<0.29	<0.17	<0.28	<10	-	-
04/18/07	<0.29	<0.17	<0.28	<10	-	-
07/18/07	<0.20	<0.23	<0.19	<10	-	-
10/17/07	<0.20	<0.23	<0.19	<10	-	-
01/16/08	<0.20	<0.23	<0.19	<10	-	-
04/22/08	<0.20	<0.23	<0.19	<10	-	-
07/16/08	<0.20	<0.23	<0.19	<5.2	-	-
10/15/08	<0.20	<0.23	<0.19	<5.2	-	-
01/21/09	<0.20	<0.23	<0.19	<5.2	-	-
04/15/09	<0.20	<0.23	<0.19	<5.2	-	-
10/21/09	<0.20	<0.23	<0.19	<5.2	<100	-
04/21/10	<0.20	<0.23	<0.19	<5.2	-	-
10/20/10	<0.20	<0.23	<0.19	<5.2	-	-
03/16/12	<0.2	<0.23	<0.19	<5.2	-	-
06/06/12	<20	<23	<19	<520	51,000	-
09/05/12	<0.2	<0.23	<0.19	<5.2	<100	-
12/04/12	<0.2	<0.23	<0.19	<5.2	<100	-
06/12/13	<0.2	<0.23	<0.19	<5.2	<100	-
MONITORING WELL # MW-7						
11/14/02	<0.2	<0.12	<0.16	<10	-	-
01/29/03	-	-	-	-	-	-
04/23/03	-	-	-	-	-	-
07/10/03	<0.29	<0.17	<0.28	<10	-	-
10/20/03	-	-	-	-	-	-
01/14/04	-	-	-	-	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20,000	<20
10/19/05	<0.29	<0.17	<0.28	<10	<20,000	<20
01/24/06	<0.29	<0.17	<0.28	<10	<20,000	<20
04/19/06	<0.29	<0.17	<0.28	<10	<20,000	<20
07/19/06	<2.9	<1.7	25	216	-	-
09/15/06	<0.29	<0.17	<0.28	<10	-	-
10/18/06	<0.29	<0.17	<0.28	<10	-	-
01/17/07	<0.29	<0.17	<0.28	<10	-	-
04/18/07	<0.29	<0.17	<0.28	<10	-	-
07/18/07	<0.20	<0.23	<0.19	<10	-	-
10/17/07	<0.20	<0.23	<0.19	<10	-	-
01/06/08	<0.20	<0.23	<0.19	<10	-	-

**TABLE 2
ADDITIONAL GROUNDWATER DATA
THRIFTY OIL STATION # 049, OAKLAND, CA.**

DATE SAMPLED	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	Methanol (mg/L)
04/22/08	<0.20	<0.23	<0.19	<10	-	-
07/16/08	<0.20	<0.23	<0.19	<5.2	-	-
10/15/08	<0.20	<0.23	<0.19	<5.2	-	-
01/21/09	<0.20	<0.23	<0.19	<5.2	-	-
04/15/09	<0.20	<0.23	<0.19	<5.2	-	-
10/21/09	<0.20	<0.23	<0.19	<5.2	<100	-
04/21/10	<0.20	<0.23	<0.19	<5.2	-	-
10/20/10	<0.20	<0.23	<0.19	<5.2	-	-
03/16/12	<0.2	<0.23	<0.19	<5.2	-	-
06/06/12	<0.2	<0.23	<0.19	<5.2	<100	-
09/05/12	<0.2	<0.23	4.0	51	<100	-
12/04/12	<0.2	<0.23	<0.19	<5.2	5,300	-
06/12/13	<0.2	<0.23	<0.19	<5.2	<100	-

MONITORING WELL # RW-1R

02/03/04	<0.29	<0.17	53	1,370	-	-
04/08/04	-	-	-	-	-	-
07/21/04	-	-	-	-	-	-
10/20/04	-	-	-	-	-	-
01/19/05	-	-	-	-	-	-
04/20/05	-	-	-	-	-	-
07/07/05	<0.29	<0.17	71	1,740	-	-
07/20/05	<0.29	<0.17	<0.28	<10	<20,000	<20
10/19/05	<0.29	<0.17	9.6	65	<20,000	<20
01/24/06	<2.9	<1.7	<2.8	156	<20,000	<20
04/19/06	<2.9	<1.7	11	206	<20,000	<20
07/19/06	<2.9	<1.7	<2.8	217	-	-
09/15/06	-	-	-	-	-	-
10/18/06	<2.9	<1.7	<2.8	209	-	-
01/17/07	<58	<34	<52	<2000	-	-
04/18/07	<14.5	<8.5	<14	<600	-	-
07/18/07	<2.0	<2.3	<1.9	<100	-	-
10/17/07	<0.20	<0.23	<0.19	81	-	-
01/16/08	<0.20	<0.23	<0.19	31	-	-
04/22/08	<2.0	<2.3	<1.9	<100	-	-
07/16/08	<0.20	<0.23	<0.19	<5.2	-	-
10/15/08	<0.20	<0.23	<0.19	31	-	-
01/21/09	<0.20	<0.23	1.6	14	-	-
04/15/09	<2.0	<2.3	<1.9	<52.0	-	-
10/21/09	<1.0	<1.15	<0.95	<26.0	10,600	-
04/21/10	<1.0	<1.15	<0.95	<26.0	-	-
10/20/10	<20.0	<23.0	<19.0	<520.0	-	-
03/16/12	<0.2	<0.23	<0.19	11	-	-
06/06/12	<0.2	<0.23	<0.19	<5.2	<100	-
09/05/12	<0.2	<0.23	<0.19	<5.2	<100	-
12/04/12	<0.2	<0.23	<0.19	<5.2	<100	-
06/12/13	<0.2	<0.23	<0.19	<5.2	230.0	-

NOTE:

ug/L = micrograms per liter
 mg/L = milligrams per liter
 DIPE = di-isopropyl ether
 ETBE = ethyl tertbutyl ether
 TAME = tert amylmethylether
 TBA = tertiary butyl alcohol

Analysis:

DIPE, ETBE, TAME, TBA analyzed by EPA Method 8260B

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-1	08/06/1991	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.28	10.86	---	10.42
MW-1	10/23/1991	32,000	2,700	360	550	3,700	---	---	---	---	---	---	---	---	---	---	21.28	11.05	0.01	10.24
MW-1	01/28/1992	14,000	1,000	106	450	1,600	---	---	---	---	---	---	---	---	---	---	21.28	10.84	---	10.44
MW-1	05/05/1992	98,000	11,000	1,200	3,500	18,000	---	---	---	---	---	---	---	---	---	---	21.28	9.42	<0.01	11.87
MW-1	07/13/1992	11,000	1,100	130	740	1,300	---	---	---	---	---	---	---	---	---	---	21.28	11.36	---	9.92
MW-1	10/12/1992	---	---	---	---	---	---	---	---	125	---	---	---	---	---	---	21.28	13.14	0.09	8.21
MW-1	01/12/1993	---	110	---	---	---	---	---	---	---	---	---	---	---	---	---	21.28	7.52	0.02	13.78
MW-1	04/06/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.28	7.13	<0.01	14.16
MW-1	07/12/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.28	11.02	0.01	10.27
MW-1	10/13/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.28	12.18	0.01	9.11
MW-1	01/20/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.28	9.18	0.01	12.11
MW-1	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.28	8.72	0.02	12.58
MW-1	07/19/1994	17,000	420	140	530	1,300	---	---	---	---	---	---	---	---	---	---	21.28	8.76	---	12.52
MW-1	10/27/1994	23,000	1,200	130	990	960	---	---	---	---	---	---	---	---	---	---	21.28	10.49	---	10.79
MW-1	01/03/1995	31,000	610	160	1,200	5,000	---	---	---	---	---	---	---	---	---	---	21.28	6.15	---	15.13
MW-1	04/13/1995	20,000	340	42	680	2,900	---	---	---	---	---	---	---	---	---	---	21.28	5.24	---	16.04
MW-1	06/30/1995	16,000	450	62	460	1,200	---	---	---	---	---	---	---	---	---	---	21.28	7.24	---	14.04
MW-1	10/11/1995	8,400	660	47	510	850	8,000	---	---	---	---	---	---	---	---	---	21.28	9.48	---	11.80
MW-1	10/13/1995	7,400	730	54	490	1,100	8,200	---	---	---	---	---	---	---	---	---	21.28	---	---	---
MW-1	01/17/1996	24,000	570	110	820	2,900	15,000	---	---	---	---	---	---	---	---	---	21.28	6.48	---	14.80
MW-1	04/10/1996	20,000	120	11	420	1,400	15,000	---	---	---	---	---	---	---	---	---	21.28	5.38	---	15.90
MW-1	07/30/1996	7,900	240	22	170	300	12,000	---	---	---	---	---	---	---	---	---	21.28	7.61	---	13.67
MW-1	10/17/1996	6,600	1,000	20	120	130	10,000	---	---	---	---	---	---	---	---	1.4	21.28	8.66	---	12.62
MW-1	01/22/1997	13,000	170	<50	330	1,200	18,000	---	---	---	---	---	---	---	---	1.6	21.28	5.00	---	16.28
MW-1	04/01/1997	7,900	240	26	130	200	6,400	---	---	---	---	---	---	---	---	1.4	21.28	6.42	---	14.86
MW-1	07/14/1997	5,000	<20	<20	59	61	9,000	---	---	---	---	---	---	---	---	1.9	21.28	8.92	---	12.36
MW-1	10/08/1997	3,200	180	7.6	18	6.1	11,000	---	---	---	---	---	---	---	---	4.8	21.28	9.43	---	11.85
MW-1	01/19/1998	8,100	39	<20	280	660	1,100	---	---	---	---	---	---	---	---	2.6	21.28	1.20	---	20.08
MW-1	04/28/1998	2,900	62	<10	160	370	1,200	1,200	---	---	---	---	---	---	---	2.4	21.28	4.81	---	16.47
MW-1	09/30/1998	1,300	25	8.3	<5.0	12	2,000	---	---	---	---	---	---	---	---	1.6	21.05	9.90	---	11.15
MW-1	12/09/1998	21,000	240	<200	520	920	18,000	18,000	---	---	---	---	---	---	---	4.3	21.05	12.26	---	8.79
MW-1	01/18/1999	10,600	<100	<100	471	130	48,600	50,800	---	---	---	---	---	---	---	1.3	21.05	6.00	---	15.05
MW-1	04/12/1999	7,500	101	26.0	248	578	31,000	37,900	---	---	---	---	---	---	---	1.2	21.05	4.00	---	17.05
MW-1	07/27/1999	5,420	80.1	<50.0	123	143	24,700	33,200 j	---	---	---	---	---	---	---	1.3	21.05	6.18	---	14.87
MW-1	10/14/1999	3,750	75.8	<12.5	30.3	37.0	17,200	20,600	---	---	---	---	---	---	---	1.3	21.05	6.83	---	14.22
MW-1	01/06/2000	5,550	82.2	<5.00	128	45.4	9,410	8,200	---	---	---	---	---	---	---	1.3	21.05	6.36	---	14.69
MW-1	04/05/2000	2,860	50.6	<10.0	98.2	36.2	4,120	3,150 j	---	---	---	---	---	---	---	2.0	21.05	3.65	---	17.40

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-1	07/20/2000	3,600	37.9	36.0	34.2	40.4	3,140	3,430 j	--	--	--	--	--	--	--	1.2	21.05	4.11	--	16.94
MW-1	10/24/2000	2,330	32.3	<10.0	10.5	27.1	4,900	4,500	--	--	--	--	--	--	--	1.4	21.05	5.18	--	15.87
MW-1	01/19/2001	2,000	25.9	24.9	12.5	29.7	2,610	3,070	--	--	--	--	--	--	--	1.8	32.01	3.90	--	28.11
MW-1	04/27/2001	2,200	14	<2.0	5.3	6.8	--	1,100	--	--	--	--	--	--	--	1.5	32.01	4.48	--	27.53
MW-1	07/26/2001	2,600	26	2.3	<2.0	5.4	--	890	--	--	--	--	--	--	--	1.2	32.01	6.28	--	25.73
MW-1	10/02/2001	1,900	54	<2.0	7.8	14	--	890	450	<2.0	<2.0	<2.0	--	--	<500	1.6	32.01	6.53	--	25.48
MW-1	01/15/2002	2,300	19	2.8	9.3	12	--	370	--	--	--	--	--	--	--	1.9	32.01	5.00	--	27.01
MW-1	04/17/2002	4,500	20	2.0	1.3	4.6	--	500	--	--	--	--	--	--	--	2.4	32.01	5.63	--	26.38
MW-1	07/11/2002	2,700	25	1.1	<1.0	2.1	--	500	--	--	--	--	--	--	--	1.5	32.01	6.10	--	25.91
MW-1	10/10/2002	2,200	20	1.0	1.8	3.5	--	580	--	--	--	--	--	--	--	2.5	32.01	6.68	--	25.33
MW-1	01/21/2003	3,100	27	12	30	14	--	810	--	--	--	--	--	--	--	1.7	32.01	4.35	--	27.66
MW-1	05/02/2003	4,100	36	<25	<25	<50	--	1,000	--	--	--	--	--	--	--	2.1	32.01	5.19	--	26.82
MW-1	07/10/2003	1,900	37	<12	<12	<25	--	600	--	--	--	--	--	--	--	--	32.01	5.61	--	26.40
MW-1	10/28/2003	4,300	97	<10	10	<20	--	1,800	--	--	--	--	--	--	--	--	32.01	5.78	--	26.23
MW-1	01/13/2004	3,000	53	10	29	<10	--	510	--	--	--	--	--	--	--	--	32.01	4.95	--	27.06
MW-1	04/01/2004	3,000	85	29	11	15	--	310	--	--	--	--	--	--	--	--	32.01	5.05	--	26.96
MW-1	07/21/2004	3,200	130	19	7.7	18	--	410	1,100	<20	<20	<20	--	--	--	--	32.01	5.90	--	26.11
MW-1	10/20/2004	3,600	200	8.4	12	21	--	320	--	--	--	--	--	--	--	--	32.01	5.63	--	26.38
MW-1	01/19/2005	2,800	55	<5.0	21	17	--	170	--	--	--	--	--	--	--	--	32.01	4.64	--	27.37
MW-1	04/20/2005	2,600	28	<5.0	11	<10	--	140	--	--	--	--	--	--	--	--	32.01	3.75	--	28.26
MW-1	07/20/2005	2,000	20	<1.0	1.6	2.3	--	110	220	<4.0	<4.0	<4.0	--	--	--	--	32.01	6.19	--	25.82
MW-1	10/19/2005	2,200	21	0.80	2.1	1.9	--	80	--	--	--	--	--	--	--	--	32.01	7.20	--	24.81
MW-1	01/24/2006	7,000	35.5	2.24	119	17.1	--	80.2	--	--	--	--	--	--	--	--	32.01	4.04	--	27.97
MW-1	04/19/2006	2,030	10.3	1.04	2.44	<0.500	--	27.2	--	--	--	--	--	--	--	--	32.01	2.74	--	29.27
MW-1	07/19/2006	4,310	18.1	<0.500	1.48	<0.500	--	34.8	<10.0	<0.500	<0.500	<0.500	--	--	--	--	32.01	4.74	--	27.27
MW-1	10/18/2006	4,370	15.0	0.520	4.73	2.06	--	49.1	--	--	--	--	--	--	--	--	32.01	6.03	--	25.98
MW-1	01/17/2007	410	<0.50	<0.50	<0.50	<1.0	--	24	--	--	--	--	--	--	--	--	32.01	5.40	--	26.61
MW-1	04/18/2007	1,400 h	9.2	0.35 i	0.94 i	0.92 i	--	37	--	--	--	--	--	--	--	--	32.01	6.13	--	25.88
MW-1	07/18/2007	1,100 h	25	0.34 i	3.4	<1.0	--	72	63	<2.0	<2.0	<2.0	--	--	--	--	32.01	7.13	--	24.88
MW-1	10/18/2007	1,300 h	70	0.85 i	14	1.08 i	--	160	--	--	--	--	--	--	--	--	32.01	7.13	--	24.88
MW-1	01/16/2008	4,000 h	22	<1.0	14	3.5	--	33	--	--	--	--	--	--	--	--	32.01	5.02	--	26.99
MW-1	04/16/2008	1,800	12	<1.0	1.5	1.5	--	39	--	--	--	--	--	--	--	--	32.01	6.26	--	25.75
MW-1	07/16/2008	1,600	5.3	<1.0	<1.0	<1.0	--	32	27	<2.0	<2.0	<2.0	--	--	--	--	32.01	6.60	--	25.41
MW-1	10/15/2008	1,200	4.1	<1.0	<1.0	<1.0	--	20	--	--	--	--	--	--	--	--	32.01	6.85	--	25.16
MW-1	01/21/2009	1,300	6.7	<1.0	<1.0	<1.0	--	28	--	--	--	--	--	--	--	--	32.01	6.20	--	25.81
MW-1	04/15/2009	1,600	4.1	1.2	1.5	<1.0	--	5.2	--	--	--	--	--	--	--	--	32.01	4.90	--	27.11
MW-1	10/21/2009	5,300	54	2.2	89	3.6	--	35	20	<2.0	<2.0	<2.0	--	--	--	--	32.01	5.51	--	26.50

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-1	04/21/2010	1,900	4.3	<1.0	<1.0	<1.0	---	3.6	---	---	---	---	---	---	---	---	32.01	4.93	---	27.08
MW-1	10/20/2010	1,400	18	<1.0	1.4	<1.0	---	32	---	---	---	---	---	---	---	---	32.01	7.39	---	24.62
MW-1	04/20/2011	1,100	3.1	<0.50	1.1	<1.0	---	3.1	---	---	---	---	---	---	---	---	32.01	3.90	---	28.11
MW-1	10/18/2011	540	2.0	2.5	1.2	6.0	---	5.6	<10	<1.0	<1.0	<1.0	<0.50	<0.50	---	---	32.01	5.77	---	26.24
MW-1	04/18/2012	520	1.3	<0.50	0.75	<1.0	---	3.4	---	---	---	---	<0.50	<0.50	---	---	32.01	2.91	---	29.10
MW-1	10/17/2012	460	4.9	<0.50	<0.50	<1.0	---	13	---	---	---	---	<0.50	<0.50	---	---	32.01	7.40	---	24.61
MW-1	04/17/2013	600	3.8	<0.50	0.63	<1.0	---	3.9	---	---	---	---	<0.50	<0.50	---	---	32.01	5.28	---	26.73
MW-2	08/06/1991	50,000	15,000	---	2,700	13,000	---	---	---	---	---	---	---	---	---	---	21.56	9.72	---	11.84
MW-2	10/23/1991	120,000	11,000	1,400	3,500	19,000	---	---	---	---	---	---	---	---	---	---	21.56	10.03	---	11.53
MW-2	01/28/1992	49,000	7,400	800	1,800	8,300	---	---	---	---	---	---	---	---	---	---	21.56	8.78	---	12.78
MW-2	05/05/1992	52,000	12,000	1,100	2,200	12,000	---	---	---	---	---	---	---	---	---	---	21.56	7.58	---	13.98
MW-2	07/13/1992	47,000	15,000	2,400	4,500	16,000	---	---	---	---	---	---	---	---	---	---	21.56	9.63	---	11.93
MW-2	10/12/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.56	11.66	0.03	9.92
MW-2	01/12/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.56	7.13	0.01	14.44
MW-2	04/06/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.56	6.40	<0.01	15.17
MW-2	07/12/1993	59,000	12,000	950	2,400	11,000	---	---	---	---	---	---	---	---	---	---	21.56	8.75	---	12.81
MW-2	10/13/1993	54,000	14,000	1,200	3,700	22,000	---	---	---	---	---	---	---	---	---	---	21.56	10.28	---	11.28
MW-2	01/20/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.56	---	---	---
MW-2	04/13/1994	79,000	9,400	740	2,100	12,000	---	---	---	---	---	---	---	---	---	---	21.56	7.35	<0.01	14.22
MW-2	07/19/1994	63,000	13,000	810	1,900	13,000	---	---	---	---	---	---	---	---	---	---	21.56	8.24	---	13.32
MW-2	10/27/1994	64,000	8,800	480	2,100	10,000	---	---	---	---	---	---	---	---	---	---	21.56	10.26	---	11.30
MW-2	01/03/1995	67,000	9,800	720	2,800	11,000	---	---	---	---	---	---	---	---	---	---	21.56	6.44	---	15.12
MW-2	04/13/1995	83,000	10,000	490	2,600	13,000	---	---	---	---	---	---	---	---	---	---	21.56	5.89	---	15.67
MW-2	06/30/1995	65,000	12,000	1,800	2,400	12,000	---	---	---	---	---	---	---	---	---	---	21.56	7.41	---	14.15
MW-2	10/11/1995	68,000	8,800	840	3,000	13,000	1,400	---	---	---	---	---	---	---	---	---	21.56	8.02	---	13.54
MW-2	01/17/1996	79,000	12,000	640	2,700	14,000	2,200	---	---	---	---	---	---	---	---	---	21.56	7.42	---	14.14
MW-2	04/10/1996	84,000	7,200	310	1,700	7,800	2,900	---	---	---	---	---	---	---	---	---	21.56	6.91	---	14.65
MW-2	07/30/1996	26,000	6,800	210	1,300	5,500	4,500	---	---	---	---	---	---	---	---	---	21.56	7.63	---	13.93
MW-2	10/17/1996	46,000	9,800	340	2,000	6,500	4,900	---	---	---	---	---	---	---	---	---	21.56	8.27	---	13.29
MW-2	01/22/1997	52,000	6,200	220	1,400	6,600	3,000	---	---	---	---	---	---	---	---	1.8	21.56	7.09	---	14.47
MW-2	04/01/1997	69,000	6,000	380	2,400	11,000	3,800	---	---	---	---	---	---	---	---	2.0	21.56	6.91	---	14.65
MW-2	07/14/1997	53,000	7,700	260	1,600	5,200	2,400	---	---	---	---	---	---	---	---	1.2	21.56	9.93	---	11.63
MW-2	10/08/1997	56,000	8,500	320	1,600	5,100	4,200	---	---	---	---	---	---	---	---	2.1	21.56	10.43	---	11.13
MW-2	01/19/1998	64,000	10,000	230	2,400	12,000	2,700	---	---	---	---	---	---	---	---	2.4	21.56	3.60	---	17.96
MW-2	04/28/1998	45,000	9,800	310	2,700	11,000	2,400	2,000	---	---	---	---	---	---	---	2	21.56	4.81	---	16.75
MW-2	09/30/1998	42,000	7,400	200	2,600	9,800	1,800	---	---	---	---	---	---	---	---	1.6	21.58	7.20	---	14.38

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MIBE 8020 (µg/L)	MIBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-2	12/09/1998	60,000	7,000	270	1,600	7,000	2,100	---	---	---	---	---	---	---	---	4.6	21.58	7.11	---	14.47
MW-2	01/18/1999	45,000	7,960	151	1,750	6,410	1,310	---	---	---	---	---	---	---	---	1.8	21.58	6.83	---	14.75
MW-2	04/12/1999	47,400	7,680	131	1,840	6,400	<1,000	---	---	---	---	---	---	---	---	1.9	21.58	5.90	---	15.68
MW-2	07/27/1999	36,400	6,750	83.5	1,590	5,070	682	---	---	---	---	---	---	---	---	2.0	21.58	6.56	---	15.02
MW-2	10/14/1999	45,300	6,990	144	1,850	4,930	1,070	---	---	---	---	---	---	---	---	1.5	21.58	8.90	---	12.68
MW-2	01/06/2000	44,100	5,820	107	1,720	4,590	841	---	---	---	---	---	---	---	---	1.4	21.58	7.27	---	14.31
MW-2	04/05/2000	32,000	6,680	<100	1,770	4,030	934	---	---	---	---	---	---	---	---	1.3	21.58	5.32	---	16.26
MW-2	07/20/2000	32,100	5,290	68.6	1,870	3,810	254	---	---	---	---	---	---	---	---	2.9	21.58	5.47	---	16.11
MW-2	10/24/2000	24,400	4,680	<50.0	1,460	2,380	682	---	---	---	---	---	---	---	---	2.2	21.58	5.88	---	15.70
MW-2	01/19/2001	29,200	4,980	127	2,820	4,320	<500	---	---	---	---	---	---	---	---	1.4	32.54	5.96	---	26.58
MW-2	04/27/2001	40,000	5,400	67	2,800	5,100	---	380	---	---	---	---	---	---	---	1.1	32.54	5.87	---	26.67
MW-2	07/26/2001	42,000	4,700	59	2,800	4,300	---	<250	---	---	---	---	---	---	---	1.0	32.54	6.48	---	26.06
MW-2	10/02/2001	36,000	4,200	64	2,400	2,700	---	<200	---	---	---	---	---	---	---	1.6	32.54	6.65	---	25.89
MW-2	01/15/2002	39,000	4,100	46	2,200	2,300	---	280	---	---	---	---	---	---	---	1.8	32.54	5.81	---	26.73
MW-2	04/17/2002	30,000	3,800	44	2,100	2,100	---	270	---	---	---	---	---	---	---	1.6	32.54	6.03	---	26.51
MW-2	07/11/2002	34,000	3,600	18	2,700	2,200	---	110	---	---	---	---	---	---	---	2.7	32.54	6.49	---	26.05
MW-2	10/10/2002	26,000	2,600	19	1,900	810	---	<100	---	---	---	---	---	---	---	2.4	32.54	6.82	---	25.72
MW-2	01/21/2003	30,000	3,000	24	2,000	1,400	---	140	---	---	---	---	---	---	---	1.6	32.54	6.00	---	26.54
MW-2	05/02/2003	23,000	2,800	28	1,400	880	---	<250	---	---	---	---	---	---	---	1.7	32.54	5.85	---	26.69
MW-2	07/10/2003	20,000	3,800	<50	2,500	1,500	---	180	---	---	---	---	---	---	---	---	32.54	6.16	---	26.38
MW-2	10/28/2003	35,000	5,400	59	2,800	1,400	---	140	---	---	---	---	---	---	---	---	32.54	6.30	---	26.24
MW-2	01/13/2004	39,000	6,400	55	3,000	1,400	---	240	---	---	---	---	---	---	---	---	32.54	5.93	---	26.61
MW-2	04/01/2004	29,000	4,200	<50	2,300	1,000	---	140	---	---	---	---	---	---	---	---	32.54	5.99	---	26.55
MW-2	07/21/2004	43,000	3,900	<50	2,700	860	---	93	<500	<200	<200	<200	---	---	---	---	32.54	6.05	---	26.49
MW-2	10/20/2004	33,000	5,100	<50	2,800	950	---	97	---	---	---	---	---	---	---	---	32.54	6.10	---	26.44
MW-2	01/19/2005	27,000	3,400	<50	2,000	580	---	120	---	---	---	---	---	---	---	---	32.54	5.41	---	27.13
MW-2	04/20/2005	37,000	3,400	<50	1,900	580	---	110	---	---	---	---	---	---	---	---	32.54	5.86	---	26.68
MW-2	07/20/2005	33,000	3,900	<50	2,300	590	---	86	<500	<200	<200	<200	---	---	---	---	32.54	8.39	---	24.15
MW-2	10/19/2005	12,000	2,100	15	1,500	430	---	80	---	---	---	---	---	---	---	---	32.54	7.96	---	24.58
MW-2	01/24/2006	44,600	3,260	20.3	2,220	458	---	107	---	---	---	---	---	---	---	---	32.54	4.54	---	28.00
MW-2	04/19/2006	<2,500	2,520	13.2	1,610	343	---	104	---	---	---	---	---	---	---	---	32.54	4.63	---	27.91
MW-2	07/19/2006	41,900	2,460	10.9	1,670	322	---	78.2	<10.0	<0.500	<0.500	<0.500	---	---	---	---	32.54	5.48	---	27.06
MW-2	10/18/2006	49,400	2,490	11.0	2,130	320	---	47.6	---	---	---	---	---	---	---	---	32.54	6.50	---	26.04
MW-2	01/17/2007	16,000	2,200	12	1,600	260	---	56	---	---	---	---	---	---	---	---	32.54	6.19	---	26.35
MW-2	04/18/2007	22,000 h	2,100	14 i	1,700	289	---	100	---	---	---	---	---	---	---	---	32.54	6.70	---	25.84
MW-2	07/18/2007	19,000 h	2,100	12 i	2,000	267	---	61	<200	<40	<40	<40	---	---	---	---	32.54	7.60	---	24.94
MW-2	10/18/2007	24,000 h	2,400	17 i	2,200	253	---	150	---	---	---	---	---	---	---	---	32.54	8.55	---	23.99

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MIBE 8020 (µg/L)	MIBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	
MW-2	01/16/2008	26,000 h	2,400	<20	1,600	200	—	130	—	—	—	—	—	—	—	—	32.54	6.08	—	26.46	
MW-2	04/16/2008	20,000	2,100	<20	1,400	180	—	200	—	—	—	—	—	—	—	—	32.54	6.80	—	25.74	
MW-2	07/16/2008	23,000	1,600	<20	84	170	—	<20	<200	<40	<40	<40	—	—	—	—	32.54	6.71	—	25.83	
MW-2	10/15/2008	17,000	1,300	<20	820	98	—	49	—	—	—	—	—	—	—	—	32.54	7.60	—	24.94	
MW-2	01/21/2009	26,000	2,000	<20	1,200	130	—	130	—	—	—	—	—	—	—	—	32.54	6.71	—	25.83	
MW-2	04/15/2009	28,000	2,200	<20	1,200	110	—	220	—	—	—	—	—	—	—	—	32.54	6.00	—	26.54	
MW-2	10/21/2009	30,000	1,900	<20	1,200	130	—	110	<200	<40	<40	<40	—	—	—	—	32.54	7.12	—	25.42	
MW-2	04/21/2010	16,000	2,100	<25	890	95	—	140	—	—	—	—	—	—	—	—	32.54	5.37	—	27.17	
MW-2	10/20/2010	21,000	1,800	<20	730	97	—	110	—	—	—	—	—	—	—	—	32.54	7.90	—	24.64	
MW-2	04/20/2011	17,000	1,400	<12	460	76	—	82	—	—	—	—	—	—	—	—	32.54	5.46	—	27.08	
MW-2	10/18/2011	16,000	1,400	<10	250	93	—	73	<200	<20	<20	<20	<10	<10	—	—	32.54	6.89	—	25.65	
MW-2	04/18/2012	17,000	1,100	<13	150	57	—	57	—	—	—	—	<13	<13	—	—	32.54	4.80	—	27.74	
MW-2	10/17/2012	Well inaccessible to sampling equipment					—	—	—	—	—	—	—	—	—	—	—	32.54	7.78	—	24.76
MW-2	11/07/2012	16,000	1,400	<10	150	73	—	<10	<200	<10	<10	<10	<10	<10	—	—	32.54	7.26	—	25.28	
MW-2	04/17/2013	12,000	760	<10	89	33	—	34	—	—	—	—	<10	<10	—	—	32.54	5.88	—	26.66	
MW-3	08/06/1991	430	8.0	1.0	4.0	15	—	—	—	—	—	—	—	—	—	—	21.78	11.18	—	10.60	
MW-3	10/23/1991	390	2.1	<0.3	0.48	2.0	—	—	—	—	—	—	—	—	—	—	21.78	11.69	—	10.09	
MW-3	01/28/1992	190	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	9.99	—	11.79	
MW-3	05/04/1992	190	<1	<1	<1	0.71	—	—	—	—	—	—	—	—	—	—	21.78	9.46	—	12.32	
MW-3	07/20/1992	200 a	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	11.29	—	10.49	
MW-3	10/12/1992	180 a	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	13.10	—	8.68	
MW-3	01/12/1993	180	<0.5	2.3	0.90	5.6	—	—	—	—	—	—	—	—	—	—	21.78	7.32	—	14.46	
MW-3	04/06/1993	280	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	7.44	—	14.34	
MW-3	07/12/1993	310 a	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	10.62	—	11.16	
MW-3	10/13/1993	150	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	12.05	—	9.73	
MW-3	01/20/1994	180	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	9.62	—	12.16	
MW-3	04/13/1994	270	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	9.15	—	12.63	
MW-3	07/19/1994	190 a	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	10.13	—	11.65	
MW-3	10/27/1994	160 a	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	11.66	—	10.12	
MW-3	01/03/1995	100 a	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	6.89	—	14.89	
MW-3	04/13/1995	120 a	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	6.79	—	14.99	
MW-3	06/30/1995	180 a	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	21.78	8.94	—	12.84	
MW-3	10/11/1995	150	2.2	<0.5	<0.5	<0.5	2.3	—	—	—	—	—	—	—	—	—	21.78	10.62	—	11.16	
MW-3	01/17/1996	120	<0.5	<0.5	<0.5	<0.5	7.8	—	—	—	—	—	—	—	—	—	21.78	7.18	—	14.60	
MW-3	04/10/1996	160	<0.5	<0.5	<0.5	<0.5	12	—	—	—	—	—	—	—	—	—	21.78	6.76	—	15.02	
MW-3	07/30/1996	57	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	—	—	21.78	9.04	—	12.74	

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MIBE 8020 (µg/L)	MIBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-3	10/17/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--	2.0	21.78	9.04	--	12.74
MW-3	01/22/1997	<50	<0.5	<0.5	<0.5	<0.5	3.7	--	--	--	--	--	--	--	--	2.4	21.78	5.03	--	16.75
MW-3	04/01/1997	71	<0.50	<0.50	<0.50	<0.50	b	--	--	--	--	--	--	--	--	1.6	21.78	8.23	--	13.55
MW-3	07/14/1997	<50	<0.50	<0.50	<0.50	1.5	b	--	--	--	--	--	--	--	--	1.9	21.78	9.09	--	12.69
MW-3	10/08/1997	73	<0.50	<0.50	<0.50	<0.50	b	--	--	--	--	--	--	--	--	5.5	21.78	10.23	--	11.55
MW-3	12/05/1997	Well destroyed																		
MW-3R	04/06/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	21.83	9.89	--	11.94
MW-3R	04/12/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--	--	--	--	--	--	--	--	2.1	21.83	5.83	--	16.00
MW-3R	07/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	4.15	--	--	--	--	--	--	--	--	2.0	21.83	9.59	--	12.24
MW-3R	10/14/1999	<50.0	<0.500	<0.500	<0.500	<0.500	9.43	--	--	--	--	--	--	--	--	0.6	21.83	10.00	--	11.83
MW-3R	01/06/2000	78	<0.500	<0.500	<0.500	<0.500	31	--	--	--	--	--	--	--	--	0.8	21.83	9.71	--	12.12
MW-3R	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	273	2,890 j	--	--	--	--	--	--	--	1.5	21.83	6.90	--	14.93
MW-3R	07/20/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--	--	--	--	--	1.1	21.83	6.94	--	14.89
MW-3R	10/24/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	21.83	8.90	--	12.93
MW-3R	01/19/2001	<50.0	<0.500	<0.500	<0.500	<0.500	79.2	--	--	--	--	--	--	--	--	2.0	32.79	7.04	--	25.75
MW-3R	04/27/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	7.38	--	25.41
MW-3R	07/26/2001	97	<0.50	<0.50	<0.50	<0.50	--	200	--	--	--	--	--	--	--	1.8	32.79	9.30	--	23.49
MW-3R	10/02/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	9.41	--	23.38
MW-3R	01/15/2002	55	<0.50	<0.50	<0.50	<0.50	--	32	--	--	--	--	--	--	--	0.7	32.79	6.05	--	26.74
MW-3R	04/17/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	7.70	--	25.09
MW-3R	07/11/2002	110	<0.50	<0.50	<0.50	<0.50	--	65	--	--	--	--	--	--	--	2.5	32.79	8.76	--	24.03
MW-3R	10/10/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	9.65	--	23.14
MW-3R	01/21/2003	65	<0.50	<0.50	<0.50	<0.50	--	13	--	--	--	--	--	--	--	1.6	32.79	5.21	--	27.58
MW-3R	05/02/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	6.08	--	26.71
MW-3R	07/10/2003	<50	<0.50	<0.50	<0.50	<1.0	--	11	--	--	--	--	--	--	--	--	32.79	8.20	--	24.59
MW-3R	10/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	8.57	--	24.22
MW-3R	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	--	3.9	--	--	--	--	--	--	--	--	32.79	5.79	--	27.00
MW-3R	04/01/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	7.22	--	25.57
MW-3R	07/21/2004	<50	<0.50	<0.50	<0.50	<1.0	--	2.7	<5.0	<2.0	<2.0	<2.0	--	--	--	--	32.79	8.55	--	24.24
MW-3R	10/20/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	8.30	--	24.49
MW-3R	01/19/2005	<50	<0.50	<0.50	<0.50	<1.0	--	2.0	--	--	--	--	--	--	--	--	32.79	6.10	--	26.69
MW-3R	04/20/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	6.41	--	26.38
MW-3R	07/20/2005	<50	<0.50	<0.50	<0.50	<1.0	--	2.9	<5.0	<2.0	<2.0	<2.0	--	--	--	--	32.79	8.76	--	24.03
MW-3R	10/19/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	9.87	--	22.92
MW-3R	01/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	<0.500	--	--	--	--	--	--	--	--	32.79	5.96	--	26.83
MW-3R	04/19/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	6.07	--	26.72

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	UTBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-3R	07/19/2006	70.2	<0.500	<0.500	<0.500	<0.500	--	5.43	<10.0	<0.500	<0.500	<0.500	--	--	--	--	32.79	8.07	--	24.72
MW-3R	10/18/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	8.72	--	24.07
MW-3R	01/17/2007	<50	<0.50	<0.50	<0.50	<1.0	--	1.1	--	--	--	--	--	--	--	--	32.79	7.88	--	24.91
MW-3R	04/18/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	8.37	--	24.42
MW-3R	07/18/2007	<50 h	<0.50	<1.0	<1.0	<1.0	--	2.2	<10	<2.0	<2.0	<2.0	--	--	--	--	32.79	9.80	--	22.99
MW-3R	01/16/2008	<50 h	<0.50	<1.0	<1.0	<1.0	--	1.6	<10	<2.0	<2.0	<2.0	--	--	--	--	32.79	6.65	--	26.14
MW-3R	04/16/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	8.31	--	24.48
MW-3R	07/16/2008	<50	<0.50	<1.0	<1.0	<1.0	--	4.4	<10	<2.0	<2.0	<2.0	--	--	--	--	32.79	9.33	--	23.46
MW-3R	10/15/2008	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	10.00	--	22.79
MW-3R	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	3.0	--	--	--	--	--	--	--	--	32.79	8.20	--	24.59
MW-3R	04/15/2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32.79	7.05	--	25.74
MW-3R	10/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	1.8	<10	<2.0	<2.0	<2.0	--	--	--	--	32.79	7.61	--	25.18
MW-3R	04/21/2010	<50	<0.50	<1.0	<1.0	<1.0	--	<1.0	--	--	--	--	--	--	--	--	32.79	5.70	--	27.09
MW-3R	10/20/2010	65	<0.50	<1.0	<1.0	<1.0	--	6.7	--	--	--	--	--	--	--	--	32.79	9.75	--	23.04
MW-3R	04/20/2011	<50	<0.50	<0.50	<0.50	<1.0	--	<1.0	--	--	--	--	--	--	--	--	32.79	5.90	--	26.89
MW-3R	10/18/2011	<50	<0.50	<0.50	<0.50	<1.0	--	2.1	<10	<1.0	<1.0	<1.0	<0.50	<0.50	--	--	32.79	8.75	--	24.04
MW-3R	04/18/2012	<50	<0.50	<0.50	<0.50	<1.0	--	<0.50	--	--	--	--	<0.50	<0.50	--	--	32.79	5.23	--	27.56
MW-3R	10/17/2012	<50	<0.50	<0.50	<0.50	<1.0	--	4.8	--	--	--	--	<0.50	<0.50	--	--	32.79	10.00	--	22.79
MW-3R	04/17/2013	<50	<0.50	<0.50	<0.50	<1.0	--	0.59	--	--	--	--	<0.50	<0.50	--	--	32.79	7.32	--	25.47
MW-4	08/06/1991	1,300	28	18	68	150	--	--	--	--	--	--	--	--	--	--	20.31	10.37	--	9.74
MW-4	10/23/1991	1,900	97	6.1	38	77	--	--	--	--	--	--	--	--	--	--	20.31	10.46	--	9.85
MW-4	01/28/1992	200	7.6	<0.5	3.0	3.3	--	--	--	--	--	--	--	--	--	--	20.31	9.54	--	10.77
MW-4	05/04/1992	690	98	3.0	13	<1	--	--	--	--	--	--	--	--	--	--	20.31	8.33	--	11.98
MW-4	07/13/1992	1,500	140	2.90	17	12	--	--	--	--	--	--	--	--	--	--	20.31	9.87	--	10.44
MW-4	10/12/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	12.43	0.78	8.50
MW-4	01/12/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	7.12	1.00	13.99
MW-4	04/06/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	7.23	0.95	13.84
MW-4	07/12/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	10.08	0.03	10.25
MW-4	10/13/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	11.35	0.12	9.06
MW-4	01/20/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	9.06	0.02	11.27
MW-4	04/13/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	8.58	0.01	11.74
MW-4	07/19/1994	12,000	230	43	230	660	--	--	--	--	--	--	--	--	--	--	20.31	9.71	--	10.60
MW-4	10/27/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	10.60	0.03	9.73
MW-4	01/03/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	5.49	0.01	14.83
MW-4	04/13/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.31	6.53	0.03	13.80
MW-4	06/30/1995	7,400	140	<0.5	160	350	--	--	--	--	--	--	--	--	--	--	20.31	9.57	--	10.74

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	EIBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-4	10/11/1995	3,000	29	10	100	82	9,700	---	---	---	---	---	---	---	---	---	20.31	10.30	---	10.01
MW-4	01/17/1996	9,700	190	<0.5	190	410	4,500	---	---	---	---	---	---	---	---	---	20.31	6.68	---	13.63
MW-4	04/10/1996	2,800	16	<0.5	22	50	6,100	---	---	---	---	---	---	---	---	---	20.31	7.90	---	12.41
MW-4	07/30/1996	1,600	68	<12	58	39	8,500	---	---	---	---	---	---	---	---	2.8	20.31	8.73	---	11.58
MW-4	10/17/1996	4,800	120	<25	150	96	11,000	---	---	---	---	---	---	---	---	2.8	20.31	7.63	---	12.68
MW-4	01/22/1997	12,000	83	<20	170	240	4,300	---	---	---	---	---	---	---	---	2.6	20.31	5.26	---	15.05
MW-4	04/01/1997	4,800	65	<5.0	81	93	3,200	---	---	---	---	---	---	---	---	2.4	20.31	8.02	---	12.29
MW-4	07/14/1997	2,400	35	<10	30	20	6,000	---	---	---	---	---	---	---	---	2.0	20.31	10.05	---	10.26
MW-4	10/08/1997	2,900	66	<20	<20	<20	7,300	---	---	---	---	---	---	---	---	5.9	20.31	10.22	---	10.09
MW-4	01/19/1998	Inaccessible	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	---	---	---
MW-4	04/28/1998	Inaccessible	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.31	---	---	---
MW-4	09/30/1998	1,300	57	8.7	58	37	3,600	---	---	---	---	---	---	---	---	2.9	20.92	9.31	---	11.61
MW-4	12/09/1998	3,500	130	<5.0	100	36	3,200	4,500	---	---	---	---	---	---	---	2.2	20.92	9.30	---	11.62
MW-4	01/18/1999	7,040	321	<25.0	273	<25.0	4,830	4,660	---	---	---	---	---	---	---	2.3	20.92	8.60	---	12.32
MW-4	04/12/1999	1,540	47.6	<10.0	24.4	<10.0	2,760	---	---	---	---	---	---	---	---	1.9	20.92	6.25	---	14.67
MW-4	07/27/1999	3,570	214	<25.0	58.3	31.0	5,440	7,280 j	---	---	---	---	---	---	---	1.9	20.92	9.33	---	11.59
MW-4	10/14/1999	3,920	157	<25.0	103	<25.0	6,550	8,990	---	---	---	---	---	---	---	1.7	20.92	9.93	---	10.99
MW-4	01/06/2000	5,030	247	7.2	169	37.7	6,860	7,400	---	---	---	---	---	---	---	1.7	20.92	9.31	---	11.61
MW-4	04/05/2000	1,870	120	<5.00	15.1	<5.00	4,400	2,890 j	---	---	---	---	---	---	---	1.8	20.92	6.00	---	14.92
MW-4	07/20/2000	6,740	114	36.4	71.9	28.2	1,900	---	---	---	---	---	---	---	---	2.1	20.92	6.10	---	14.82
MW-4	10/24/2000	2,120	108	8.28	12.5	<5.00	6,070	5,950	---	---	---	---	---	---	---	1.1	20.92	8.90	---	12.02
MW-4	01/19/2001	3,330	67.2	<5.00	7.18	<5.00	3,620	4,330	---	---	---	---	---	---	---	1.8	31.88	7.25	---	24.63
MW-4	04/27/2001	1,600	79	<10	<10	<10	---	3,900	---	---	---	---	---	---	---	1.4	31.88	7.41	---	24.47
MW-4	07/26/2001	2,700	140	<20	24	<20	---	4,700	---	---	---	---	---	---	---	1.8	31.88	8.20	---	23.68
MW-4	10/02/2001	4,600	170	<10	50	<10	---	6,300	2,600	<10	<10	<10	---	---	<500	2.1	31.88	8.55	---	23.33
MW-4	01/15/2002	1,000	34	<5.0	<5.0	9.8	---	2,800	---	---	---	---	---	---	---	2.7	31.88	6.53	---	25.35
MW-4	04/17/2002	1,400	92	<10	<10	11	---	4,100	---	---	---	---	---	---	---	2.4	31.88	7.00	---	24.88
MW-4	07/11/2002	1,800	82	<10	<10	11	---	4,500	---	---	---	---	---	---	---	2.1	31.88	8.49	---	23.39
MW-4	10/10/2002	7,400	230	<10	45	<10	---	6,600	---	---	---	---	---	---	---	2.5	31.88	9.05	---	22.83
MW-4	01/21/2003	1,400	27	<2.5	<2.5	<2.5	---	1,200	---	---	---	---	---	---	---	0.4	31.88	6.50	---	25.38
MW-4	05/02/2003	<2,500	80	<25	<25	<50	---	2,500	---	---	---	---	---	---	---	1.3	31.88	6.97	---	24.91
MW-4	07/10/2003	<2,500	93	<25	<25	<50	---	2,800	---	---	---	---	---	---	---	---	31.88	7.74	---	24.14
MW-4	10/28/2003	4,000	120	<10	<10	<20	---	2,100	---	---	---	---	---	---	---	---	31.88	8.43	---	23.45
MW-4	01/13/2004	2,000	45	<5.0	<5.0	<10	---	620	---	---	---	---	---	---	---	---	31.88	6.75	---	25.13
MW-4	04/01/2004	1,400	17	<2.5	<2.5	<5.0	---	540	---	---	---	---	---	---	---	---	31.88	6.40	---	25.48
MW-4	07/21/2004	3,100	120	<2.5	11	<5.0	---	900	2,200	<10	<10	<10	---	---	---	---	31.88	8.23	---	23.65
MW-4	10/20/2004	3,600	97	<2.5	9.7	<5.0	---	470	---	---	---	---	---	---	---	---	31.88	8.30	---	23.58

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-4	01/19/2005	1,600	15	<2.5	<2.5	<5.0	--	220	--	--	--	--	--	--	--	--	31.88	5.83	--	26.05
MW-4	04/20/2005	1,300	8.8	<2.5	<2.5	<5.0	--	210	--	--	--	--	--	--	--	--	31.88	6.12	--	25.76
MW-4	07/20/2005	1,600	34	<2.5	3.8	<5.0	--	280	1,100	<10	<10	<10	--	--	--	--	31.88	8.35	--	23.53
MW-4	10/19/2005	2,400	74	1.1	7.2	<2.0	--	360	--	--	--	--	--	--	--	--	31.88	9.25	--	22.63
MW-4	01/24/2006	3,290	17.2	<0.500	3.02	<0.500	--	159	--	--	--	--	--	--	--	--	31.88	6.32	--	25.56
MW-4	04/19/2006	430	6.40	<0.500	0.610	<0.500	--	134	--	--	--	--	--	--	--	--	31.88	5.03	--	26.85
MW-4	07/19/2006	5,020	48.7	0.760	6.67	<0.500	--	234	582	<0.500	<0.500	<0.500	--	--	--	--	31.88	7.90	--	23.98
MW-4	10/18/2006	9,220	48.4	1.07	16.7	4.45	--	233	--	--	--	--	--	--	--	--	31.88	8.68	--	23.20
MW-4	01/17/2007	1,700	13	<2.5	<2.5	<5.0	--	120	--	--	--	--	--	--	--	--	31.88	7.83	--	24.05
MW-4	04/18/2007	1,200 h	9.2	0.50 i	1.3	1.13 i	--	120	--	--	--	--	--	--	--	--	31.88	7.99	--	23.89
MW-4	07/18/2007	2,100 h	21	0.71 i	2.6	1.22 i	--	150	730	<2.0	<2.0	<2.0	--	--	--	--	31.88	9.15	--	22.73
MW-4	10/18/2007	940 h	32	1.2	11	2.57 i	--	160	--	--	--	--	--	--	--	--	31.88	8.64	--	23.24
MW-4	01/16/2008	2,300 h	8.5	<1.0	<1.0	<1.0	--	110	--	--	--	--	--	--	--	--	31.88	6.98	--	24.90
MW-4	04/16/2008	1,700	4.2	<1.0	1.0	<1.0	--	110	--	--	--	--	--	--	--	--	31.88	7.98	--	23.90
MW-4	07/16/2008	3,700	34	1.5	1.3	2.5	--	150	740	<2.0	<2.0	<2.0	--	--	--	--	31.88	9.12	--	22.76
MW-4	10/15/2008	3,700	18	<2.0	7.9	2.2	--	120	--	--	--	--	--	--	--	--	31.88	9.55	--	22.33
MW-4	01/21/2009	3,000	6.4	<1.0	1.9	1.1	--	86	--	--	--	--	--	--	--	--	31.88	7.90	--	23.98
MW-4	04/15/2009	2,000	2.2	<1.0	<1.0	<1.0	--	68	--	--	--	--	--	--	--	--	31.88	7.20	--	24.68
MW-4	10/21/2009	2,600	4.2	<1.0	1.3	<1.0	--	86	430	<2.0	<2.0	<2.0	--	--	--	--	31.88	7.45	--	24.43
MW-4	04/21/2010	1,000	2.3	<1.0	1.3	<1.0	--	46	--	--	--	--	--	--	--	--	31.88	5.60	--	26.28
MW-4	10/20/2010	3,100	2.3	<1.0	1.3	<1.0	--	83	--	--	--	--	--	--	--	--	31.88	9.16	--	22.72
MW-4	04/20/2011	820	<0.50	<0.50	<0.50	<1.0	--	31	--	--	--	--	--	--	--	--	31.88	6.70	--	25.18
MW-4	10/18/2011	2,300	27	30	12	60	--	25	280	<1.0	<1.0	<1.0	<0.50	<0.50	--	--	31.88	8.51	--	23.37
MW-4	04/18/2012	1,500	0.67	<0.50	0.63	<1.0	--	14	--	--	--	--	<0.50	<0.50	--	--	31.88	5.41	--	26.47
MW-4	10/17/2012	2,200	0.51	0.59	0.91	<1.0	--	43	--	--	--	--	<0.50	<0.50	--	--	31.88	9.40	--	22.48
MW-4	04/17/2013	820	<0.50	<0.50	<0.50	<1.0	--	37	--	--	--	--	<0.50	<0.50	--	--	31.88	7.38	--	24.50
MW-5	08/06/1991	9,100	210	27	240	660	--	--	--	--	--	--	--	--	--	--	20.91	10.23	--	10.68
MW-5	10/23/1991	12,000	92	18	230	450	--	--	--	--	--	--	--	--	--	--	20.91	10.89	--	10.02
MW-5	01/28/1992	3,300	130	10	180	220	--	--	--	--	--	--	--	--	--	--	20.91	8.45	--	12.46
MW-5	05/04/1992	3,900	95	<12.5	260	120	--	--	--	--	--	--	--	--	--	--	20.91	8.05	--	12.86
MW-5	07/13/1992	4,100	180	12	250	73	--	--	--	--	--	--	--	--	--	--	20.91	10.00	--	10.91
MW-5	10/12/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.91	11.83	0.01	9.09
MW-5	01/12/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.91	6.10	<0.01	14.82
MW-5	04/06/1993	6,200	71	<0.5	53	150	--	--	--	--	--	--	--	--	--	--	20.91	6.18	--	14.73
MW-5	07/12/1993	3,400	130	<0.5	170	130	--	--	--	--	--	--	--	--	--	--	20.91	9.59	--	11.32
MW-5	10/13/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.91	10.80	0.03	10.13

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
							8020 (µg/L)	8260 (µg/L)												
MW-5	01/20/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.91	7.42	0.01	13.50
MW-5	04/13/1994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.91	7.05	0.01	13.87
MW-5	07/19/1994	11,000	180	13	180	260	—	—	—	—	—	—	—	—	—	—	20.91	8.57	—	12.34
MW-5	10/27/1994	6,900	82	<5	210	1,110	—	—	—	—	—	—	—	—	—	—	20.91	10.14	—	10.77
MW-5	01/03/1995	12,000	110	46	790	510	—	—	—	—	—	—	—	—	—	—	20.91	5.84	—	15.07
MW-5	04/13/1995	10,000	61	<20	330	140	—	—	—	—	—	—	—	—	—	—	20.91	5.28	—	15.63
MW-5	06/30/1995	12,000	180	8.60	440	340	—	—	—	—	—	—	—	—	—	—	20.91	7.43	—	13.48
MW-5	10/11/1995	11,000	<50	<50	440	340	5,100	—	—	—	—	—	—	—	—	—	20.91	8.90	—	12.01
MW-5	01/17/1996	82,000	330	120	960	1,400	820	—	—	—	—	—	—	—	—	—	20.91	6.40	—	14.51
MW-5	04/10/1996	23,000	<50	<50	360	190	770	—	—	—	—	—	—	—	—	—	20.91	5.70	—	15.21
MW-5	07/30/1996	38,000	3,000	<100	1,100	2,600	560	—	—	—	—	—	—	—	—	—	20.91	7.71	—	13.20
MW-5	10/17/1996	13,000	36	<10	210	160	720	—	—	—	—	—	—	—	—	1.4	20.91	9.04	—	11.87
MW-5	01/22/1997	20,000	63	<50	380	390	650	—	—	—	—	—	—	—	—	1.6	20.91	4.85	—	16.06
MW-5	04/01/1997	16,000	110	<50	390	320	2,200	—	—	—	—	—	—	—	—	1.4	20.91	6.54	—	14.37
MW-5	07/14/1997	15,000	70	<20	220	170	450	—	—	—	—	—	—	—	—	1.8	20.91	8.54	—	12.37
MW-5	10/08/1997	9,100	27	11	170	57	530	—	—	—	—	—	—	—	—	4.7	20.91	9.09	—	11.82
MW-5	01/19/1998	9,500	92	<50	200	77	1,100	—	—	—	—	—	—	—	—	2.5	20.91	2.11	—	18.80
MW-5	04/28/1998	15,000	100	53	150	80	460	—	—	—	—	—	—	—	—	2.2	20.91	4.90	—	16.01
MW-5	09/30/1998	11,000	120	<100	240	200	<500	—	—	—	—	—	—	—	—	2.0	21.71	8.05	—	13.66
MW-5	12/09/1998	45,000	<200	<200	240	240	<1,000	—	—	—	—	—	—	—	—	4.7	21.71	8.62	—	13.09
MW-5	01/18/1999	9,120	13.8	<2.50	315	74.5	131	—	—	—	—	—	—	—	—	2.1	21.71	6.75	—	14.96
MW-5	04/12/1999	16,200	80.9	<50.0	163	<50.0	8,310	—	—	—	—	—	—	—	—	2.3	21.71	4.80	—	16.91
MW-5	07/27/1999	6,820	<5.00	<5.00	99.7	<5.00	216	—	—	—	—	—	—	—	—	2.1	21.71	6.25	—	15.46
MW-5	10/14/1999	10,800	47.8	<12.5	313	23.1	232	—	—	—	—	—	—	—	—	2.8	21.71	6.93	—	14.78
MW-5	01/06/2000	9,920	39.8	15.4	220	69.6	478	—	—	—	—	—	—	—	—	2.9	21.71	7.52	—	14.19
MW-5	04/05/2000	8,370	68.3	20.1	40.2	<10.0	1,570	—	—	—	—	—	—	—	—	0.4	21.71	5.31	—	16.40
MW-5	07/20/2000	15,500	60.5	181	104	108	460	—	—	—	—	—	—	—	—	1.7	21.71	5.40	—	16.31
MW-5	10/24/2000	5,170	24.3	12.6	16.5	9.79	130	—	—	—	—	—	—	—	—	1.3	21.71	5.59	—	16.12
MW-5	01/19/2001	4,000	<5.00	17.4	88.1	22.6	371	—	—	—	—	—	—	—	—	1.0	32.67	5.05	—	27.62
MW-5	04/27/2001	3,100	<1.0	<1.0	2.6	1.3	—	210	—	—	—	—	—	—	—	1.3	32.67	5.38	—	27.29
MW-5	07/26/2001	11,000	1.4	<1.0	13	2.2	—	46	—	—	—	—	—	—	—	1.6	32.67	7.17	—	25.50
MW-5	10/02/2001	5,300	6.2	3.4	60	11	—	<100	—	—	—	—	—	—	—	2.2	32.67	7.86	—	24.81
MW-5	01/15/2002	3,800	1.0	<0.50	1.7	0.60	—	120	—	—	—	—	—	—	—	1.7	32.67	4.35	—	28.32
MW-5	04/17/2002	4,600	0.61	<0.50	1.5	<0.50	—	140	—	—	—	—	—	—	—	0.5	32.67	6.04	—	26.63
MW-5	07/11/2002	7,200	1.8	0.58	5.9	0.78	—	130	—	—	—	—	—	—	—	4.2	32.67	6.72	—	25.95
MW-5	10/10/2002	4,300	3.2	<1.0	3.5	<1.0	—	86	—	—	—	—	—	—	—	2.5	32.67	6.99	—	25.68
MW-5	01/21/2003	4,300	2.4	<0.50	7.8	0.67	—	170	—	—	—	—	—	—	—	0.5	32.67	5.09	—	27.58

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-5	05/02/2003	3,600 d	<10	<10	<10	<20	—	170	—	—	—	—	—	—	—	0.05	32.67	5.14	—	27.53
MW-5	07/10/2003	2,700	2.1	<1.0	4.8	<2.0	—	48	—	—	—	—	—	—	—	—	32.67	5.68	—	26.99
MW-5	10/28/2003	7,500	<5.0	<5.0	11	<10	—	63	—	—	—	—	—	—	—	—	32.67	5.79	—	26.88
MW-5	01/13/2004	3,800	<2.5	<2.5	6.9	<5.0	—	140	—	—	—	—	—	—	—	—	32.67	4.69	—	27.98
MW-5	04/01/2004	3,800	<5.0	<5.0	<5.0	<10	—	180	—	—	—	—	—	—	—	—	32.67	5.60	—	27.07
MW-5	07/21/2004	2,500	<5.0	<5.0	<5.0	<10	—	85	59	<20	<20	<20	—	—	—	—	32.67	6.50	—	26.17
MW-5	10/20/2004	4,900	<5.0	<5.0	<5.0	<10	—	120	—	—	—	—	—	—	—	—	32.67	6.87	—	25.80
MW-5	01/19/2005	3,200	<5.0	<5.0	<5.0	<10	—	110	—	—	—	—	—	—	—	—	32.67	4.73	—	27.94
MW-5	04/20/2005	3,300	<5.0	<5.0	<5.0	<10	—	53	—	—	—	—	—	—	—	—	32.67	5.29	—	27.38
MW-5	07/20/2005	2,100	<1.0	<1.0	1.0	<2.0	—	110	51	<4.0	<4.0	<4.0	—	—	—	—	32.67	7.00	—	25.67
MW-5	10/19/2005	2,900	1.7	<1.0	2.8	<2.0	—	140	—	—	—	—	—	—	—	—	32.67	8.91	—	23.76
MW-5	01/24/2006	4,890	0.670	2.41	4.89	<0.500	—	37.9	—	—	—	—	—	—	—	—	32.67	4.90	—	27.77
MW-5	04/19/2006	5,010	0.710	1.26	1.09	<0.500	—	67.1	—	—	—	—	—	—	—	—	32.67	3.46	—	29.21
MW-5	07/19/2006	9,180	<0.500	<0.500	0.790	<0.500	—	2.92 g	<10.0	<0.500	<0.500	<0.500	—	—	—	—	32.67	5.32	—	27.35
MW-5	10/18/2006	6,110	1.07	1.02	2.48	<0.500	—	36.5	—	—	—	—	—	—	—	—	32.67	6.48	—	26.19
MW-5	01/17/2007	1,300	<0.50	<0.50	0.74	<1.0	—	27	—	—	—	—	—	—	—	—	32.67	6.14	—	26.53
MW-5	04/18/2007	4,500 h	0.31 i	0.33 i	0.75 i	0.99 i	—	60	—	—	—	—	—	—	—	—	32.67	6.75	—	25.92
MW-5	07/18/2007	4,600 h	0.80 i	<5.0	<5.0	0.91 i	—	69	42 i	<10	<10	<10	—	—	—	—	32.67	8.51	—	24.16
MW-5	10/18/2007	2,800 h	0.66	<1.0	0.32 i	<1.0	—	120	—	—	—	—	—	—	—	—	32.67	8.28	—	24.39
MW-5	01/16/2008	2,900 h	0.89	<1.0	2.6	<1.0	—	32	—	—	—	—	—	—	—	—	32.67	5.65	—	27.02
MW-5	04/16/2008	1,600	<0.50	<1.0	<1.0	<1.0	—	39	—	—	—	—	—	—	—	—	32.67	6.62	—	26.05
MW-5	07/16/2008	11,000	<5.0	<10	<10	<10	—	<10	<100	<20	<20	<20	—	—	—	—	32.67	6.99	—	25.68
MW-5	10/15/2008	11,000	<2.5	<5.0	<5.0	<5.0	—	42	—	—	—	—	—	—	—	—	32.67	8.20	—	24.47
MW-5	01/21/2009	3,300	<0.50	<1.0	<1.0	<1.0	—	29	—	—	—	—	—	—	—	—	32.67	7.11	—	25.56
MW-5	04/15/2009	3,300	<0.50	<1.0	<1.0	<1.0	—	11	—	—	—	—	—	—	—	—	32.67	5.75	—	26.92
MW-5	10/21/2009	1,700	<0.50	<1.0	<1.0	<1.0	—	32	28	<2.0	<2.0	<2.0	—	—	—	—	32.67	6.58	—	26.09
MW-5	04/21/2010	2,100	<0.50	<1.0	1.1	<1.0	—	8.3	—	—	—	—	—	—	—	—	32.67	4.94	—	27.73
MW-5	10/20/2010	6,800	<1.0	<2.0	<2.0	<2.0	—	24	—	—	—	—	—	—	—	—	32.67	7.96	—	24.71
MW-5	04/20/2011	2,000	<0.50	<0.50	<0.50	<1.0	—	9.6	—	—	—	—	—	—	—	—	32.67	4.85	—	27.82
MW-5	10/18/2011	5,200	4.1	6.2	3.2	17	—	8.4	11	<1.0	<1.0	<1.0	<0.50	<0.50	—	—	32.67	6.70	—	25.97
MW-5	04/18/2012	4,100	<1.3	<1.3	<1.3	<2.5	—	7.4	—	—	—	—	<1.3	<1.3	—	—	32.67	3.81	—	28.86
MW-5	10/17/2012	1,100	<0.50	<0.50	<0.50	<1.0	—	15	—	—	—	—	<0.50	<0.50	—	—	32.67	8.61	—	24.06
MW-5	04/17/2013	1,700	<0.50	<0.50	<0.50	<1.0	—	12	—	—	—	—	<0.50	<0.50	—	—	32.67	6.30	—	26.37
MW-6	08/06/1991	28,000	1,400	200	1,300	4,200	—	—	—	—	—	—	—	—	—	—	22.32	10.61	—	11.71
MW-6	10/23/1991	53,000	1,400	230	1,800	6,700	—	—	—	—	—	—	—	—	—	—	22.32	11.68	—	10.64
MW-6	01/28/1992	87,000	1,200	470	2,000	6,600	—	—	—	—	—	—	—	—	—	—	22.32	8.90	—	13.42

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-6	05/05/1992	230,000	<500	<500	3,200	11,000	---	---	---	---	---	---	---	---	---	---	22.32	8.01	---	14.31
MW-6	07/13/1992	2,700,000	<2,500	3,500	14,000	36,000	---	---	---	---	---	---	---	---	---	---	22.32	10.77	---	11.55
MW-6	10/12/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.32	8.68	0.48	14.02
MW-6	01/12/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.32	6.40	<0.01	15.93
MW-6	04/06/1993	320,000	2,500	14,000	980	14,000	---	---	---	---	---	---	---	---	---	---	22.32	5.93	---	16.39
MW-6	07/12/1993	31,000	1,100	4,500	150	4,500	---	---	---	---	---	---	---	---	---	---	22.32	10.25	---	12.07
MW-6	10/13/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.32	12.28	0.20	10.20
MW-6	01/20/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.32	9.14	0.02	13.20
MW-6	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.32	7.67	0.01	14.66
MW-6	07/19/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.32	10.07	0.07	12.31
MW-6	10/27/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.32	11.84	0.11	10.57
MW-6	01/03/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.32	7.80	0.02	14.54
MW-6	04/13/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.32	5.77	0.02	16.57
MW-6	06/30/1995	1,100,000	6,600	6,100	12,000	29,000	---	---	---	---	---	---	---	---	---	---	22.32	7.78	---	14.54
MW-6	10/11/1995	30,000	130	<50	1,400	4,200	710	---	---	---	---	---	---	---	---	---	22.32	10.06	---	12.26
MW-6	01/17/1996	450,000	510	1,400	2,700	11,000	630	---	---	---	---	---	---	---	---	---	22.32	6.91	---	15.41
MW-6	04/10/1996	22,000	47	<10	350	860	<50	---	---	---	---	---	---	---	---	---	22.32	5.92	---	16.40
MW-6	07/30/1996	38,000	3,000	<100	1,100	2,600	560	---	---	---	---	---	---	---	---	---	22.32	8.97	---	13.35
MW-6	10/17/1996	34,000	470	<100	1,300	3,900	<500	---	---	---	---	---	---	---	---	1.0	22.32	9.87	---	12.45
MW-6	01/22/1997	26,000	<100	<100	600	1,700	<500	---	---	---	---	---	---	---	---	1.3	22.32	4.43	---	17.89
MW-6	04/01/1997	30,000	96	33	840	2,600	190	---	---	---	---	---	---	---	---	1.4	22.32	6.84	---	15.48
MW-6	07/14/1997	29,000	200	<100	690	2,000	<500	---	---	---	---	---	---	---	---	2.3	22.32	10.30	---	12.02
MW-6	10/08/1997	55,000	500	110	640	1,500	900	---	---	---	---	---	---	---	---	0.0	22.32	10.46	---	11.86
MW-6	12/05/1997	Well destroyed			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-6R	04/06/1999	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.19	12.13	---	10.06
MW-6R	04/12/1999	26,100	1,750	68.5	2,160	4,450	765	---	---	---	---	---	---	---	---	2.4	22.19	6.10	---	16.09
MW-6R	07/27/1999	25,600	1,190	30.5	1,810	3,030	163	---	---	---	---	---	---	---	---	2.5	22.19	8.60	---	13.59
MW-6R	10/14/1999	21,400	999	<50.0	1,400	1,680	<500	---	---	---	---	---	---	---	---	2.0	22.19	9.35	---	12.84
MW-6R	01/06/2000	17,800	1,440	<50.0	1,310	2,340	301	---	---	---	---	---	---	---	---	2.1	22.19	9.18	---	13.01
MW-6R	04/05/2000	24,400	1,470	63.1	1,750	3,590	496	---	---	---	---	---	---	---	---	0.4	22.19	6.26	---	15.93
MW-6R	07/20/2000	17,200	1,070	42.9	1,260	2,490	725	---	---	---	---	---	---	---	---	2.6	22.19	6.79	---	15.40
MW-6R	10/24/2000	17,200	1,890	107	869	1,620	1,320	---	---	---	---	---	---	---	---	1.1	22.19	7.40	---	14.79
MW-6R	01/19/2001	15,000	1,120	40.2	1,240	2,230	1,670	---	---	---	---	---	---	---	---	1.4	33.15	6.16	---	26.99
MW-6R	04/27/2001	25,000	1,300	24	1,300	2,400	---	400	---	---	---	---	---	---	---	1.0	33.15	6.93	---	26.22
MW-6R	07/26/2001	31,000	1,500	31	1,800	3,000	---	370	---	---	---	---	---	---	---	1.4	33.15	9.12	---	24.03
MW-6R	10/02/2001	28,000	1,100	28	1,800	2,800	---	160	---	---	---	---	---	---	---	2.1	33.15	8.88	---	24.27

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-6R	01/15/2002	17,000	1,400	19	900	1,500	---	650	---	---	---	---	---	---	---	2.1	33.15	5.46	---	27.69
MW-6R	04/17/2002	33,000	1,600	33	1,700	3,100	---	220	---	---	---	---	---	---	---	2.2	33.15	7.68	---	25.47
MW-6R	07/11/2002	25,000	1,200	21	1,300	1,900	---	240	---	---	---	---	---	---	---	1.6	33.15	8.75	---	21.40
MW-6R	10/10/2002	83,000 c	1,400	34	2,000	4,400	---	290	---	---	---	---	---	---	---	1.0	33.15	9.27	---	23.88
MW-6R	01/21/2003	20,000	1,200	18	1,100	1,700	---	340	---	---	---	---	---	---	---	1.2	33.15	6.95	---	26.20
MW-6R	05/02/2003	28,000	1,600	32	1,600	2,400	---	300	---	---	---	---	---	---	---	1.6	33.15	7.50	---	25.65
MW-6R	07/10/2003	19,000	1,600	<25	1,400	2,000	---	730	---	---	---	---	---	---	---	---	33.15	8.60	---	24.55
MW-6R	10/28/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	8.91	0.26	24.45
MW-6R	11/24/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	8.47	0.15	24.80
MW-6R	01/13/2004	87,000	1,300	<50	3,300	6,700	---	160	---	---	---	---	---	---	---	---	33.15	6.52	---	26.63
MW-6R	04/01/2004	39,000	1,300	<50	2,400	3,500	---	160	---	---	---	---	---	---	---	---	33.15	6.90	---	26.25
MW-6R	07/21/2004	51,000	970	<50	3,200	6,700	---	120	<500	<200	<200	<200	---	---	---	---	33.15	6.90	---	26.25
MW-6R	10/20/2004	140,000	1,700	<50	4,300	7,400	---	210	---	---	---	---	---	---	---	---	33.15	8.40	---	24.75
MW-6R	10/20/2004	140,000	1,700	<50	4,300	7,400	---	210	---	---	---	---	---	---	---	---	33.15	8.61	<0.01	24.55
MW-6R	01/19/2005	44,000	1,300	<50	2,700	3,300	---	140	---	---	---	---	---	---	---	---	33.15	6.11	---	27.04
MW-6R	04/20/2005	26,000	340	<50	800	920	---	<50	---	---	---	---	---	---	---	---	33.15	7.01	---	26.14
MW-6R	07/20/2005	35,000	640	<50	2,000	2,200	---	83	<500	<200	<200	<200	---	---	---	---	33.15	8.64	---	24.51
MW-6R	10/19/2005	57,000	1,100	<50	2,600	2,400	---	100	---	---	---	---	---	---	---	---	33.15	10.10	---	23.05
MW-6R	01/24/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	5.95	0.04	27.23
MW-6R	04/19/2006	62,200	1,040	9.41	1,430	1,280	---	130	---	---	---	---	---	---	---	---	33.15	4.95	0.01	28.21
MW-6R	07/19/2006	33,500	1,370	6.34	878	393	---	362 g	<10.0	<0.500	<0.500	<0.500	---	---	---	---	33.15	7.74	---	25.41
MW-6R	10/18/2006	127,000	1,220	9.07	2,150	1,330	---	130	---	---	---	---	---	---	---	---	33.15	8.74	---	24.41
MW-6R	01/17/2007	20,000	880	<12	1,400	730	---	75	---	---	---	---	---	---	---	---	33.15	7.92	---	25.23
MW-6R	04/18/2007	30,000 h	790	5.7	600	257.5	---	180	---	---	---	---	---	---	---	---	33.15	8.19	---	24.96
MW-6R	07/18/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	9.70	0.10	23.53
MW-6R	10/18/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	9.39	0.16	23.89
MW-6R	01/16/2008	39,000 h	590	<5.0	580	160	---	150	---	---	---	---	---	---	---	---	33.15	7.15	---	26.00
MW-6R	04/16/2008	3,800	150	1.4	170	83.5	---	27	---	---	---	---	---	---	---	---	33.15	8.18	---	24.97
MW-6R	07/16/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	9.36	0.06	23.84
MW-6R	10/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	10.12	0.31	23.28
MW-6R	01/21/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	9.28	0.05	23.91
MW-6R	04/15/2009	28,000	850	<10	790	290	---	120	---	---	---	---	---	---	---	---	33.15	7.30	---	25.85
MW-6R	10/21/2009	23,000	630	<10	450	80	---	120	<100	<20	<20	<20	---	---	---	---	33.15	8.10	---	25.05
MW-6R	04/21/2010	37,000	740	<10	950	230	---	82	---	---	---	---	---	---	---	---	33.15	6.53	---	26.62
MW-6R	10/20/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	10.08	0.16	23.20
MW-6R	02/10/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	7.30	---	25.85
MW-6R	04/20/2011	22,000	810	<12	670	170	---	92	---	---	---	---	---	---	---	---	33.15	6.62	---	26.53
MW-6R	07/08/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	7.42	---	25.73

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-6R	10/18/2011	11,000	550	<5.0	200	41	---	80	<100	<10	<10	<10	<5.0	<5.0	---	---	33.15	8.60	---	24.55
MW-6R	01/06/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	9.19	---	23.96
MW-6R	04/18/2012	20,000	720	<5.0	730	130	---	<5.0	---	---	---	---	<5.0	<5.0	---	---	33.15	5.67	---	27.48
MW-6R	07/06/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	8.96	---	24.19
MW-6R	10/17/2012	14,000	540	<5.0	57	15	---	80	---	---	---	---	<5.0	<5.0	---	---	33.15	9.94	---	23.21
MW-6R	01/29/2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.15	7.28	---	25.87
MW-6R	04/17/2013	17,000	710	<5.0	400	59	---	83	---	---	---	---	<5.0	<5.0	---	---	33.15	7.68	---	25.47
MW-7	08/06/1991	13,000	4,300	76	770	730	---	---	---	---	---	---	---	---	---	---	20.36	8.00	---	12.36
MW-7	10/23/1991	18,000	3,200	31	660	770	---	---	---	---	---	---	---	---	---	---	20.36	8.16	---	12.20
MW-7	01/28/1992	5,000	1,200	<10	220	54	---	---	---	---	---	---	---	---	---	---	20.36	7.11	---	13.25
MW-7	05/05/1992	9,500	3,100	72	620	880	---	---	---	---	---	---	---	---	---	---	20.36	6.47	---	13.89
MW-7	07/13/1992	20,000	4,200	130	1,600	1,100	---	---	---	---	---	---	---	---	---	---	20.36	7.73	---	12.63
MW-7	10/12/1992	16,000	2,500	170	560	170	---	---	---	---	---	---	---	---	---	---	20.36	9.97	---	10.39
MW-7	01/12/1993	15,000	2,300	<50	690	440	---	---	---	---	---	---	---	---	---	---	20.36	6.26	---	14.10
MW-7	04/06/1993	26,000	5,400	<0.5	1,200	3,000	---	---	---	---	---	---	---	---	---	---	20.36	5.92	---	14.44
MW-7	07/12/1993	10,000	3,000	100	510	530	---	---	---	---	---	---	---	---	---	---	20.36	7.27	---	13.09
MW-7	10/13/1993	59,000	13,000	4,400	4,400	20,000	---	---	---	---	---	---	---	---	---	---	20.36	9.40	---	10.96
MW-7	01/20/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	7.03	0.05	13.37
MW-7	04/13/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	6.56	0.16	13.93
MW-7	07/19/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	6.91	0.20	13.61
MW-7	10/27/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	8.28	0.04	12.11
MW-7	01/03/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	6.48	0.02	13.90
MW-7	04/13/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	6.54	0.02	13.84
MW-7	06/30/1995	900,000	11,000	8,500	14,000	52,000	---	---	---	---	---	---	---	---	---	---	20.36	7.08	---	---
MW-7	10/11/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	7.88	0.04	12.51
MW-7	01/17/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	7.26	0.04	13.13
MW-7	04/10/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	6.98	0.05	13.42
MW-7	07/30/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	7.34	0.03	13.04
MW-7	10/17/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	7.63	0.02	12.75
MW-7	01/22/1997	56,000	2,000	520	1,400	8,400	1,800	---	---	---	---	---	---	---	---	0.5	20.36	6.46	---	13.90
MW-7	04/01/1997	66,000	3,600	460	2,400	10,000	2,300	---	---	---	---	---	---	---	---	1.6	20.36	6.97	---	13.39
MW-7	07/14/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.36	8.90	0.03	11.48
MW-7	10/08/1997	68,000	3,200	470	2,400	9,700	3,300	---	---	---	---	---	---	---	---	2.1	20.36	9.21	0.01	11.16
MW-7	01/19/1998	44,000	1,800	220	1,700	7,800	1,600	---	---	---	---	---	---	---	---	1.6	20.36	4.65	---	15.71
MW-7	04/28/1998	82,000	1,500	<500	1,200	8,900	<2,500	---	---	---	---	---	---	---	---	1.3	20.36	6.53	---	13.83
MW-7	09/30/1998	41,000	2,300	290	2,200	7,000	1,400	---	---	---	---	---	---	---	---	1.4	20.35	5.59	---	14.76

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MIBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-7	12/09/1998	31,000	530	130	1,100	4,300	<500	---	---	---	---	---	---	---	---	4.9	20.35	5.91	---	14.44
MW-7	01/18/1999	35,300	975	175	1,360	5,750	256	---	---	---	---	---	---	---	---	1.2	20.35	5.02	---	15.33
MW-7	04/12/1999	43,300	728	161	1,820	6,190	<500	---	---	---	---	---	---	---	---	1.3	20.35	4.57	---	15.78
MW-7	07/27/1999	36,600	863	68.3	1,540	4,370	593	---	---	---	---	---	---	---	---	1.2	20.35	5.36	---	14.99
MW-7	10/14/1999	65,600	1,140	157	2,230	7,060	1,090	---	---	---	---	---	---	---	---	1.8	20.35	5.87	---	14.48
MW-7	01/06/2000	57,100	1,060	142	1,540	5,980	634	---	---	---	---	---	---	---	---	1.8	20.35	6.12	---	14.23
MW-7	04/05/2000	36,500	843	<100	1,460	4,220	1,140	---	---	---	---	---	---	---	---	1.4	20.35	4.87	---	15.48
MW-7	07/20/2000	28,400	263	251	457	1,300	690	---	---	---	---	---	---	---	---	1.7	20.35	5.01	---	15.34
MW-7	10/24/2000	33,500	464	<200	1,600	3,830	<1,000	---	---	---	---	---	---	---	---	1.5	20.35	4.17	---	16.18
MW-7	01/19/2001	1,860,000	<2,000	<2,000	<2,000	5,790	<10,000	---	---	---	---	---	---	---	---	1.2	31.31	5.18	---	26.13
MW-7	04/27/2001	31,000	150	20	1,400	3,000	---	190	---	---	---	---	---	---	---	1.4	31.31	4.99	---	26.32
MW-7	07/26/2001	30,000	340	20	1,500	2,600	---	380	---	---	---	---	---	---	---	1.1	31.31	6.20	---	25.11
MW-7	10/02/2001	38,000	480	9.0	970	2,600	---	300	---	---	---	---	---	---	---	1.5	31.31	6.45	---	24.86
MW-7	01/15/2002	33,000	160	6.6	810	1,300	---	130	---	---	---	---	---	---	---	2.0	31.31	4.31	---	27.00
MW-7	04/17/2002	28,000	160	6.1	1,000	1,700	---	140	---	---	---	---	---	---	---	1.2	31.31	4.12	---	27.19
MW-7	07/11/2002	26,000	200	<5.0	830	1,300	---	170	---	---	---	---	---	---	---	3.0	31.31	5.90	---	25.41
MW-7	10/10/2002	95,000 c	380	11	1,500	3,900	---	330	---	---	---	---	---	---	---	2.9	31.31	6.32	---	24.99
MW-7	01/21/2003	18,000	100	2.6	530	780	---	96	---	---	---	---	---	---	---	0.9	31.31	3.04	---	28.27
MW-7	05/02/2003	23,000	99	<10	490	620	---	<100	---	---	---	---	---	---	---	0.91	31.31	3.45	---	27.86
MW-7	07/10/2003	18,000	200	<5.0	460	1,100	---	52	---	---	---	---	---	---	---	---	31.31	4.59	---	26.72
MW-7	10/28/2003	37,000	290	<10	830	1,200	---	98	---	---	---	---	---	---	---	---	31.31	4.97	---	26.34
MW-7	01/13/2004	22,000	94	<10	410	680	---	97	---	---	---	---	---	---	---	---	31.31	4.55	---	26.76
MW-7	04/01/2004	24,000	250	<10	440	660	---	210	---	---	---	---	---	---	---	---	31.31	4.91	---	26.40
MW-7	07/21/2004	21,000	440	<10	460	640	---	110	<100	<40	<40	<40	---	---	---	---	31.31	4.58	---	26.73
MW-7	10/20/2004	23,000	430	<10	410	640	---	40	---	---	---	---	---	---	---	---	31.31	1.95	---	29.36
MW-7	01/19/2005	17,000	97	<10	240	370	---	150	---	---	---	---	---	---	---	---	31.31	3.91	---	27.40
MW-7	04/20/2005	18,000	160	<10	260	320	---	80	---	---	---	---	---	---	---	---	31.31	4.64	---	26.67
MW-7	07/20/2005	15,000	800	<10	200	250	---	660	290	<40	<40	<40	---	---	---	---	31.31	6.29	---	25.02
MW-7	10/19/2005	12,000	1,200	<5.0	120	150	---	760	---	---	---	---	---	---	---	---	31.31	7.25	---	24.06
MW-7	01/24/2006	24,900	604	3.14	135	216	---	259	---	---	---	---	---	---	---	---	31.31	4.50	---	26.81
MW-7	04/19/2006	135,000	378	1.82	66.0	177	---	74.0	---	---	---	---	---	---	---	---	31.31	3.74	---	27.57
MW-7	07/19/2006	10,600	33.0	<0.500	13.0	27.5	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	---	---	31.31	3.77	---	27.54
MW-7	10/18/2006	35,200	295	2.44	133	105	---	36.1	---	---	---	---	---	---	---	---	31.31	4.82	---	26.49
MW-7	01/17/2007	7,800	84	<2.5	83	60	---	20	---	---	---	---	---	---	---	---	31.31	5.60	---	25.71
MW-7	04/18/2007	13,000 h	180	1.8	120	90.5	---	56	---	---	---	---	---	---	---	---	31.31	5.68	---	25.63
MW-7	07/18/2007	10,000 h	190	<5.0	68	40.4 i	---	88	77	<10	<10	<10	---	---	---	---	31.31	7.35	---	23.96
MW-7	10/18/2007	8,200 h	56	<5.0	6.0	17.3 i	---	17	---	---	---	---	---	---	---	---	31.31	3.45	---	27.86

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-7	01/16/2008	17,000 h	37	<2.0	21	15	--	<2.0	--	--	--	--	--	--	--	--	31.31	3.39	--	27.92
MW-7	04/16/2008	10,000	51	2.1	29	17.2	--	28	--	--	--	--	--	--	--	--	31.31	5.68	--	25.63
MW-7	07/16/2008	23,000	46	<50	<50	<50	--	<50	<500	<100	<100	<100	--	--	--	--	31.31	3.02	--	28.29
MW-7	10/15/2008	4,200	17	<1.0	1.3	4.6	--	4.9	--	--	--	--	--	--	--	--	31.31	6.10	--	25.21
MW-7	01/21/2009	11,000	15	1.7	15	4.2	--	<1.0	--	--	--	--	--	--	--	--	31.31	5.69	--	25.62
MW-7	04/15/2009	12,000	11	<10	11	<10	--	<10	--	--	--	--	--	--	--	--	31.31	3.40	--	27.91
MW-7	10/21/2009	6,600	43	<5.0	<5.0	<5.0	--	29	<50	<10	<10	<10	--	--	--	--	31.31	3.25	--	28.06
MW-7	04/21/2010	14,000	3.6	<1.0	3.5	1.1	--	5.4	--	--	--	--	--	--	--	--	31.31	4.38	--	26.93
MW-7	10/20/2010	7,100	4.1	<5.0	<5.0	<5.0	--	5.5	--	--	--	--	--	--	--	--	31.31	3.11	--	28.20
MW-7	04/20/2011	7,500	<2.5	<2.5	<2.5	<5.0	--	<5.0	--	--	--	--	--	--	--	--	31.31	3.19	--	28.12
MW-7	10/18/2011	140,000	12	12	12	24	--	<10	<100	<10	<10	<10	<5.0	<5.0	--	--	31.31	3.20	--	28.11
MW-7	04/18/2012	3,400	<5.0	<5.0	<5.0	<10	--	<5.0	--	--	--	--	<5.0	<5.0	--	--	31.31	3.05	--	28.26
MW-7	10/17/2012	6,500	11	0.76	1.1	<1.0	--	6.2	--	--	--	--	0.60	<0.50	--	--	31.31	3.60	--	27.71
MW-7	04/17/2013	3,500	0.89	0.57	0.94	<1.0	--	<0.50	--	--	--	--	<0.50	<0.50	--	--	31.31	3.97	--	27.34
MW-8	08/06/1991	32,000	3,700	1,100	1,400	6,100	--	--	--	--	--	--	--	--	--	--	20.95	9.60	--	11.35
MW-8	10/23/1991	63,000	4,800	1,300	1,300	6,900	--	--	--	--	--	--	--	--	--	--	20.95	9.73	--	11.22
MW-8	01/28/1992	32,000	1,900	750	1,400	6,300	--	--	--	--	--	--	--	--	--	--	20.95	7.72	--	13.23
MW-8	05/05/1992	180,000	2,200	2,000	2,700	13,000	--	--	--	--	--	--	--	--	--	--	20.95	6.48	--	14.47
MW-8	07/13/1992	56,000	4,500	1,500	2,700	9,100	--	--	--	--	--	--	--	--	--	--	20.95	8.55	--	12.40
MW-8	10/12/1992	34,000	2,400	550	1,400	6,400	--	--	--	--	--	--	--	--	--	--	20.95	9.97	--	10.98
MW-8	01/12/1993	110,000	2,100	1,200	2,400	12,000	--	--	--	--	--	--	--	--	--	--	20.95	6.94	--	14.01
MW-8	04/06/1993	38,000	2,500	840	1,100	4,900	--	--	--	--	--	--	--	--	--	--	20.95	5.72	--	15.23
MW-8	07/12/1993	27,000	2,800	990	1,200	5,300	--	--	--	--	--	--	--	--	--	--	20.95	7.65	--	13.30
MW-8	10/13/1993	32,000	3,300	1,300	1,600	8,400	--	--	--	--	--	--	--	--	--	--	20.95	8.25	--	12.70
MW-8	01/20/1994	78,000	1,900	670	1,300	6,600	--	--	--	--	--	--	--	--	--	--	20.95	7.25	--	13.70
MW-8	04/13/1994	41,000	1,300	720	1,200	6,000	--	--	--	--	--	--	--	--	--	--	20.95	7.12	--	13.83
MW-8	07/19/1994	140,000	1,800	1,400	2,000	9,000	--	--	--	--	--	--	--	--	--	--	20.95	7.43	--	13.52
MW-8	10/27/1994	32,000	1,200	670	1,200	5,700	--	--	--	--	--	--	--	--	--	--	20.95	7.55	--	13.40
MW-8	01/03/1995	38,000	1,000	700	1,500	7,500	--	--	--	--	--	--	--	--	--	--	20.95	6.04	--	14.91
MW-8	04/13/1995	31,000	1,200	570	1,000	5,300	--	--	--	--	--	--	--	--	--	--	20.95	5.04	--	15.91
MW-8	06/30/1995	110,000	2,000	1,500	2,000	9,700	--	--	--	--	--	--	--	--	--	--	20.95	5.72	--	15.23
MW-8	10/11/1995	36,000	170	60	1,300	6,300	510	--	--	--	--	--	--	--	--	--	20.95	7.06	--	13.89
MW-8	01/17/1996	38,000	1,000	520	1,100	6,200	950	--	--	--	--	--	--	--	--	--	20.95	5.84	--	15.11
MW-8	04/10/1996	54,000	650	260	850	4,700	<250	--	--	--	--	--	--	--	--	--	20.95	5.03	--	15.92
MW-8	07/30/1996	33,000	780	330	830	4,200	1,700	--	--	--	--	--	--	--	--	--	20.95	6.36	--	14.59
MW-8	10/17/1996	35,000	750	300	1,100	5,000	1,200	--	--	--	--	--	--	--	--	1.6	20.95	5.94	--	15.01

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-8	01/22/1997	25,000	260	78	420	2,400	120	---	---	---	---	---	---	---	---	1.8	20.95	5.93	---	15.02
MW-8	04/01/1997	22,000	680	180	550	2,500	260	---	---	---	---	---	---	---	---	1.8	20.95	6.24	---	14.71
MW-8	07/14/1997	29,000	870	200	850	3,100	500	---	---	---	---	---	---	---	---	1.4	20.95	8.59	---	12.36
MW-8	10/08/1997	27,000	1,000	190	960	3,000	170	---	---	---	---	---	---	---	---	4.6	20.95	9.04	---	11.91
MW-8	01/19/1998	21,000	660	160	740	3,300	170	---	---	---	---	---	---	---	---	2.2	20.95	3.34	---	17.61
MW-8	04/28/1998	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	---	20.95	---	---	---
MW-8	09/30/1998	19,000	370	230	880	3,800	410	---	---	---	---	---	---	---	---	1.2	21.15	7.00	---	14.15
MW-8	12/09/1998	1,400	92	90	74	260	<250	---	---	---	---	---	---	---	---	3.6	21.15	6.38	---	14.77
MW-8	01/18/1999	317	<0.500	<0.500	3.04	0.984	3.92	---	---	---	---	---	---	---	---	2.0	21.15	1.85	---	19.30
MW-8	04/12/1999	8,300	35.6	24.4	144	466	<100	---	---	---	---	---	---	---	---	1.6	21.15	3.65	---	17.50
MW-8	07/27/1999	12,700	<5.00	5.47	281	1,130	50.3	---	---	---	---	---	---	---	---	1.4	21.15	5.00	---	16.15
MW-8	10/14/1999	11,900	86.7	16.9	210	469	<100	---	---	---	---	---	---	---	---	1.2	21.15	5.95	---	15.20
MW-8	01/06/2000	5,930	65	12.4	106	129	203.0	---	---	---	---	---	---	---	---	1.3	21.15	6.19	---	14.96
MW-8	04/05/2000	6,770	100	<50.0	61.3	150	322	---	---	---	---	---	---	---	---	2.1	21.15	5.14	---	16.01
MW-8	07/20/2000	28,900	109	307	119	235	337	---	---	---	---	---	---	---	---	2.1	21.15	5.21	---	15.94
MW-8	10/24/2000	8,620	99.0	12.8	152	366	225	---	---	---	---	---	---	---	---	1.0	21.15	3.11	---	18.04
MW-8	01/19/2001	5,590	49.4	6.50	26.0	57.4	99.5	---	---	---	---	---	---	---	---	1.8	32.11	5.35	---	26.76
MW-8	04/27/2001	3,800	<0.50	<0.50	14	31	---	<5.0	---	---	---	---	---	---	---	0.7	32.11	4.58	---	27.53
MW-8	07/26/2001	4,400	0.88	0.59	7.0	14	---	<5.0	---	---	---	---	---	---	---	0.9	32.11	5.83	---	26.28
MW-8	10/02/2001	1,800	9.8	<0.50	23	16	---	<5.0	---	---	---	---	---	---	---	1.2	32.11	6.50	---	25.61
MW-8	01/15/2002	2,700	1.2	1.5	0.93	1.7	---	12	---	---	---	---	---	---	---	1.6	32.11	5.07	---	27.04
MW-8	04/17/2002	3,200	2.2	<1.0	9.0	14	---	<10	---	---	---	---	---	---	---	1.0	32.11	3.80	---	28.31
MW-8	07/11/2002	6,500	23	1.0	12	19	---	<10	---	---	---	---	---	---	---	1.9	32.11	6.29	---	25.82
MW-8	10/10/2002	1,900	5.3	<0.50	30	33	---	7.6	---	---	---	---	---	---	---	2.4	32.11	4.32	---	27.79
MW-8	01/21/2003	3,700	1.4	<1.0	3.9	6.6	---	<10	---	---	---	---	---	---	---	0.6	32.11	5.57	---	26.54
MW-8	05/02/2003	3,900 d	<5.0	<5.0	<5.0	<10	---	<50	---	---	---	---	---	---	---	0.23	32.11	1.67	---	30.44
MW-8	07/10/2003	2,400	<2.5	<2.5	<2.5	<5.0	---	<2.5	---	---	---	---	---	---	---	---	32.11	3.81	---	28.30
MW-8	10/28/2003	3,000	<2.5	3.1	4.6	6.1	---	<2.5	---	---	---	---	---	---	---	---	32.11	4.99	---	27.12
MW-8	01/13/2004	4,600	3.6	<2.5	14	20	---	2.5	---	---	---	---	---	---	---	---	32.11	5.10	---	27.01
MW-8	04/01/2004	4,200	3.9	<2.5	7.1	8.8	---	<2.5	---	---	---	---	---	---	---	---	32.11	3.32	---	28.79
MW-8	07/21/2004	3,400	<2.5	<2.5	4.1	<5.0	---	<2.5	<25	<10	<10	<10	---	---	---	---	32.11	3.95	---	28.16
MW-8	10/20/2004	2,300	<2.5	<2.5	<2.5	<5.0	---	<2.5	---	---	---	---	---	---	---	---	32.11	1.48	---	30.63
MW-8	01/19/2005	2,000	<2.5	<2.5	<2.5	<5.0	---	<2.5	---	---	---	---	---	---	---	---	32.11	5.28	---	26.83
MW-8	04/20/2005	2,300	<2.5	<2.5	<2.5	<5.0	---	<2.5	---	---	---	---	---	---	---	---	32.11	3.52	---	28.59
MW-8	07/20/2005	1,500	2.0	0.77	1.4	1.3	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	---	32.11	5.35	---	26.76
MW-8	10/19/2005	2,200	4.0	0.96	2.5	3.1	---	<0.50	---	---	---	---	---	---	---	---	32.11	7.80	---	24.31
MW-8	01/24/2006	5,150	0.600	<0.500	3.33	<0.500	---	<0.500	---	---	---	---	---	---	---	---	32.11	2.18	---	29.93

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MIBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-8	06/02/2006	Well destroyed		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	08/06/1991	11,000	1,700	95	520	1,400	--	--	--	--	--	--	--	--	--	--	21.19	10.33	--	10.86
MW-9	10/23/1991	20,000	1,000	47	<0.3	940	--	--	--	--	--	--	--	--	--	--	21.19	11.13	--	10.06
MW-9	01/28/1992	3,500	120	<10	280	36	--	--	--	--	--	--	--	--	--	--	21.19	9.02	--	12.17
MW-9	05/04/1992	7,700	1,200	<50	380	630	--	--	--	--	--	--	--	--	--	--	21.19	7.67	--	13.52
MW-9	07/20/1992	11,000	910	<50	220	1,200	--	--	--	--	--	--	--	--	--	--	21.19	10.26	--	10.93
MW-9	10/12/1992	2,100	340	15	77	44	--	--	--	--	--	--	--	--	--	--	21.19	12.19	--	9.00
MW-9	01/12/1993	Well inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	21.19	--	--	--
MW-9	04/06/1993	Well inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	21.19	--	--	--
MW-9	07/12/1993	Well inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	21.19	--	--	--
MW-9	10/13/1993	2,900	140	<5	<5	120	--	--	--	--	--	--	--	--	--	--	21.19	11.17	--	10.02
MW-9	01/20/1994	1,700	380	6.9	150	400	--	--	--	--	--	--	--	--	--	--	21.19	8.03	--	13.16
MW-9	04/13/1994	6,000	1,000	<20	450	420	--	--	--	--	--	--	--	--	--	--	21.19	7.81	--	13.38
MW-9	07/19/1994	12,000	1,400	<5	740	1,200	--	--	--	--	--	--	--	--	--	--	21.19	8.96	--	12.23
MW-9	10/27/1994	10,000	1,200	160	280	860	--	--	--	--	--	--	--	--	--	--	21.19	11.00	--	10.19
MW-9	01/03/1995	4,400	680	7.7	180	370	--	--	--	--	--	--	--	--	--	--	21.19	6.60	--	14.59
MW-9	04/13/1995	1,700	270	<10	69	170	--	--	--	--	--	--	--	--	--	--	21.19	6.73	--	14.46
MW-9	06/30/1995	14,000	2,200	18	900	2,600	--	--	--	--	--	--	--	--	--	--	21.19	7.32	--	13.87
MW-9	10/11/1995	9,600	35	12	360	980	590	--	--	--	--	--	--	--	--	--	21.19	8.10	--	13.09
MW-9	01/17/1996	2,800	150	7.4	54	130	170	--	--	--	--	--	--	--	--	--	21.19	5.75	--	15.44
MW-9	04/10/1996	5,200	290	<5	92	220	240	--	--	--	--	--	--	--	--	--	21.19	5.17	--	16.02
MW-9	07/30/1996	5,100	960	<10	380	770	670	--	--	--	--	--	--	--	--	--	21.19	8.10	--	13.09
MW-9	10/17/1996	15,000	2,100	<25	590	1,300	1,500	--	--	--	--	--	--	--	--	2.4	21.19	9.12	--	12.07
MW-9	01/22/1997	5,600	690	<5.0	140	310	620	--	--	--	--	--	--	--	--	2.2	21.19	4.72	--	16.47
MW-9	04/01/1997	4,000	590	<10	140	200	600	--	--	--	--	--	--	--	--	2.2	21.19	6.86	--	14.33
MW-9	07/14/1997	7,100	860	<10	51	230	950	--	--	--	--	--	--	--	--	3.8	21.19	10.04	--	11.15
MW-9	10/08/1997	1,500	57	<2.0	2.0	13	540	--	--	--	--	--	--	--	--	8.2	21.19	11.38	--	9.81
MW-9	01/19/1998	2,500	280	<20	79	61	620	--	--	--	--	--	--	--	--	1.4	21.19	3.88	--	17.31
MW-9	04/28/1998	2,200	330	<20	91	110	640	--	--	--	--	--	--	--	--	1.6	21.19	5.87	--	15.32
MW-9	09/30/1998	2,800	490	<5.0	87	240	1,200	--	--	--	--	--	--	--	--	4.0	21.19	8.25	--	12.94
MW-9	12/09/1998	3,700	370	<5.0	83	130	1,100	--	--	--	--	--	--	--	--	2.9	21.19	8.07	--	13.12
MW-9	01/18/1999	9,670	1,110	<5.00	442	571	786	--	--	--	--	--	--	--	--	3.2	21.19	7.54	--	13.65
MW-9	04/12/1999	3,140	272	<10.0	41.6	114	542	--	--	--	--	--	--	--	--	1.7	21.19	5.60	--	15.59
MW-9	07/27/1999	3,580	247	<1.00	67.7	137	432	--	--	--	--	--	--	--	--	1.6	21.19	7.30	--	13.89
MW-9	10/14/1999	3,200	199	<10.0	74.1	88.9	468	--	--	--	--	--	--	--	--	1.4	21.19	7.26	--	13.93
MW-9	01/06/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--	--	--	--	--	1.5	21.19	8.31	--	12.88

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-9	04/05/2000	2,790	156	<5.00	39.1	57.8	399	---	---	---	---	---	---	---	---	0.9	21.19	5.40	---	15.79
MW-9	07/20/2000	5,530	283	14.9	379	728	92.7	---	---	---	---	---	---	---	---	2.1	21.19	5.70	---	15.49
MW-9	10/24/2000	3,090	110	<5.00	46.4	63.3	362	---	---	---	---	---	---	---	---	1.0	21.19	5.90	---	15.29
MW-9	01/19/2001	6,060	180	<5.00	181	164	231	---	---	---	---	---	---	---	---	1.2	32.15	5.39	---	26.76
MW-9	04/27/2001	2,700	56	<0.50	26	46	---	150	---	---	---	---	---	---	---	1.2	32.15	5.38	---	26.77
MW-9	07/26/2001	4,200	50	<0.50	28	53	---	180	---	---	---	---	---	---	---	1.0	32.15	6.45	---	25.70
MW-9	10/02/2001	11,000	150	<2.0	120	140	---	180	---	---	---	---	---	---	---	1.4	32.15	6.10	---	26.05
MW-9	01/15/2002	1,200	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	1.2	32.15	4.77	---	27.38
MW-9	04/17/2002	2,200	24	<0.50	26	27	---	96	---	---	---	---	---	---	---	0.6	32.15	5.57	---	26.58
MW-9	07/11/2002	4,600	21	<0.50	17	33	---	140	---	---	---	---	---	---	---	2.1	32.15	6.64	---	25.51
MW-9	10/10/2002	2,800	8.8	<0.50	3.2	9.5	---	160	---	---	---	---	---	---	---	2.4	32.15	7.41	---	24.74
MW-9	01/21/2003	470	1.9	<0.50	1.7	1.1	---	13	---	---	---	---	---	---	---	1.0	32.15	5.47	---	26.68
MW-9	05/02/2003	770	2.9	<0.50	1.5	1.8	---	82	---	---	---	---	---	---	---	0.96	32.15	5.40	---	26.75
MW-9	07/10/2003	1,700	4.9	<2.5	3.0	5.2	---	100	---	---	---	---	---	---	---	---	32.15	6.59	---	25.56
MW-9	10/28/2003	2,400	<5.0	<5.0	<5.0	<10	---	180	---	---	---	---	---	---	---	---	32.15	6.94	---	25.21
MW-9	01/13/2004	550	<0.50	0.54	<0.50	<1.0	---	23	---	---	---	---	---	---	---	---	32.15	5.62	---	26.53
MW-9	04/01/2004	440	<0.50	<0.50	<0.50	<1.0	---	19	---	---	---	---	---	---	---	---	32.15	5.94	---	26.21
MW-9	07/21/2004	1,100	<0.50	<0.50	<0.50	<1.0	---	110	34	<2.0	<2.0	<2.0	---	---	---	---	32.15	6.60	---	25.55
MW-9	10/20/2004	730	<0.50	<0.50	<0.50	<1.0	---	56	---	---	---	---	---	---	---	---	32.15	4.48	---	27.67
MW-9	01/19/2005	320	<0.50	<0.50	<0.50	<1.0	---	3.0	---	---	---	---	---	---	---	---	32.15	4.56	---	27.59
MW-9	04/20/2005	100	<0.50	0.56	<0.50	<1.0	---	5.8	---	---	---	---	---	---	---	---	32.15	5.21	---	26.94
MW-9	07/20/2005	400	<0.50	1.4	<0.50	<1.0	---	45	20	<2.0	<2.0	<2.0	---	---	---	---	32.15	6.90	---	25.25
MW-9	10/19/2005	400	<0.50	<0.50	<0.50	<1.0	---	44	---	---	---	---	---	---	---	---	32.15	7.75	---	24.40
MW-9	01/24/2006	666	<0.500	3.24	<0.500	<0.500	---	2.96	---	---	---	---	---	---	---	---	32.15	4.64	---	27.51
MW-9	04/19/2006	<50.0	<0.500	<0.500	0.610	<0.500	---	28.4	---	---	---	---	---	---	---	---	32.15	3.48	---	28.67
MW-9	07/19/2006	660	<0.500	<0.500	<0.500	<0.500	---	49.2	<10.0	<0.500	<0.500	<0.500	---	---	---	---	32.15	5.63	---	26.52
MW-9	10/18/2006	994	<0.500	<0.500	<0.500	<0.500	---	39.9	---	---	---	---	---	---	---	---	32.15	6.58	---	25.57
MW-9	01/17/2007	100	<0.50	<0.50	<0.50	<1.0	---	17	---	---	---	---	---	---	---	---	32.15	6.03	---	26.12
MW-9	04/18/2007	400 h	0.29 i	<1.0	0.41 i	0.36 i	---	35	---	---	---	---	---	---	---	---	32.15	6.51	---	25.64
MW-9	07/18/2007	320 h	0.17 i	<1.0	<1.0	<1.0	---	34	24	<2.0	<2.0	<2.0	---	---	---	---	32.15	6.88	---	25.27
MW-9	10/18/2007	89 h	1.1	<1.0	0.55 i	<1.0	---	27	---	---	---	---	---	---	---	---	32.15	7.95	---	24.20
MW-9	01/16/2008	370 h	<0.50	<1.0	<1.0	<1.0	---	28	---	---	---	---	---	---	---	---	32.15	5.90	---	26.25
MW-9	04/16/2008	120	<0.50	<1.0	<1.0	<1.0	---	23	---	---	---	---	---	---	---	---	32.15	6.52	---	25.63
MW-9	07/16/2008	360	<0.50	<1.0	<1.0	<1.0	---	29	21	<2.0	<2.0	<2.0	---	---	---	---	32.15	7.41	---	24.74
MW-9	10/15/2008	220	<0.50	<1.0	<1.0	<1.0	---	24	---	---	---	---	---	---	---	---	32.15	7.70	---	24.45
MW-9	01/21/2009	200	<0.50	<1.0	<1.0	<1.0	---	19	---	---	---	---	---	---	---	---	32.15	6.59	---	25.56
MW-9	04/15/2009	68	<0.50	<1.0	<1.0	<1.0	---	6.0	---	---	---	---	---	---	---	---	32.15	5.59	---	26.56

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-9	10/21/2009	130	<0.50	<1.0	<1.0	<1.0	--	15	12	<2.0	<2.0	<2.0	--	--	--	--	32.15	6.90	--	25.25
MW-9	04/21/2010	Unable to access		--	--	--	--	--	--	--	--	--	--	--	--	--	32.15	--	--	--
MW-9	10/20/2010	260	<0.50	<1.0	<1.0	<1.0	--	11	--	--	--	--	--	--	--	--	32.15	7.75	--	24.40
MW-9	04/20/2011	<50	<0.50	<0.50	<0.50	<1.0	--	1.3	--	--	--	--	--	--	--	--	32.15	5.07	--	27.08
MW-9	10/18/2011	85	<0.50	<0.50	<0.50	<1.0	--	7.0	<10	<1.0	<1.0	<1.0	<0.50	<0.50	--	--	32.15	6.93	--	25.22
MW-9	04/18/2012	<50	<0.50	<0.50	<0.50	<1.0	--	0.69	--	--	--	--	<0.50	<0.50	--	--	32.15	3.96	--	28.19
MW-9	10/17/2012	51	<0.50	<0.50	<0.50	<1.0	--	5.6	--	--	--	--	<0.50	<0.50	--	--	32.15	7.50	--	24.65
MW-9	04/17/2013	<50	<0.50	<0.50	<0.50	<1.0	--	3.2	--	--	--	--	<0.50	<0.50	--	--	32.15	6.07	--	26.08
MW-10	10/23/1991	27,000	1,600	110	1,800	510	--	--	--	--	--	--	--	--	--	--	19.74	8.57	--	11.17
MW-10	01/28/1992	3,800	360	14	170	39	--	--	--	--	--	--	--	--	--	--	19.74	7.60	--	12.14
MW-10	05/04/1992	3,000	360	<12.5	140	26	--	--	--	--	--	--	--	--	--	--	19.74	7.54	--	12.20
MW-10	07/20/1992	15,000	400	<25	180	67	--	--	--	--	--	--	--	--	--	--	19.74	8.59	--	11.15
MW-10	10/12/1992	16,000	320	<50	360	100	--	--	--	--	--	--	--	--	--	--	19.74	10.23	--	9.51
MW-10	01/12/1993	Well inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	19.74	--	--	--
MW-10	04/06/1993	14,000	370	<0.5	880	210	--	--	--	--	--	--	--	--	--	--	19.74	6.70	--	13.04
MW-10	07/12/1993	10,000	440	58	890	220	--	--	--	--	--	--	--	--	--	--	19.74	8.05	--	11.69
MW-10	10/13/1993	15,000	1,000	51	810	170	--	--	--	--	--	--	--	--	--	--	19.74	8.25	--	11.49
MW-10	01/20/1994	12,000	820	56	1,100	350	--	--	--	--	--	--	--	--	--	--	19.74	7.20	--	12.54
MW-10	04/13/1994	18,000	760	36	700	130	--	--	--	--	--	--	--	--	--	--	19.74	7.57	--	12.17
MW-10	07/19/1994	24,000	400	2.30	800	22	--	--	--	--	--	--	--	--	--	--	19.74	8.18	--	11.56
MW-10	10/27/1994	11,000	360	43	310	89	--	--	--	--	--	--	--	--	--	--	19.74	8.68	--	11.06
MW-10	01/03/1995	17,000	770	38	690	160	--	--	--	--	--	--	--	--	--	--	19.74	6.86	--	12.88
MW-10	04/13/1995	9,900	650	16	280	40	--	--	--	--	--	--	--	--	--	--	19.74	6.91	--	12.83
MW-10	06/30/1995	12,000	750	20	480	130	--	--	--	--	--	--	--	--	--	--	19.74	7.61	--	12.13
MW-10	01/17/1996	17,000	870	260	93	830	--	--	--	--	--	--	--	--	--	--	19.74	7.00	--	12.74
MW-10	04/10/1996	14,000	470	38	110	370	--	--	--	--	--	--	--	--	--	--	19.74	6.80	--	12.94
MW-10	07/30/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19.74	--	--	--
MW-10	10/17/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19.74	--	--	--
MW-10	01/22/1997	10,000	520	<20	64	32	180	--	--	--	--	--	--	--	--	3.1	19.74	6.68	--	13.06
MW-10	04/01/1997	11,000	590	<20	53	32	210	--	--	--	--	--	--	--	--	2.8	19.74	7.34	--	12.40
MW-10	07/14/1997	6,600	410	13	28	11	89	--	--	--	--	--	--	--	--	1.4	19.74	8.10	--	11.64
MW-10	10/08/1997	7,600	220	13	65	22	190	--	--	--	--	--	--	--	--	6.4	19.74	8.20	--	11.54
MW-10	01/19/1998	Well inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	19.74	--	--	--
MW-10	04/28/1998	Well inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	19.74	--	--	--
MW-10	09/30/1998	Well inaccessible		--	--	--	--	--	--	--	--	--	--	--	--	--	19.76	8.11	--	11.65
MW-10	12/09/1998	28,000	150	<100	240	160	<500	--	--	--	--	--	--	--	--	2.7	19.76	8.21	--	11.55

TABLE 1

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FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-10	01/18/1999	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	19.76	—	—	—
MW-10	04/12/1999	8,320	71.2	27.4	138	456	<100	—	—	—	—	—	—	—	—	1.8	19.76	5.96	—	13.80
MW-10	07/27/1999	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	19.76	—	—	—
MW-10	10/14/1999	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	19.76	—	—	—
MW-10	01/06/2000	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	19.76	—	—	—
MW-10	02/01/2000	4880	40.2	5.27	27.0	8.42	75.5	23.9	—	—	—	—	—	—	—	1.6	19.76	6.43	—	13.33
MW-10	04/05/2000	4,950	97.6	6.72	20.2	5.39	104	—	—	—	—	—	—	—	—	1.7	19.76	7.00	—	12.76
MW-10	07/20/2000	2,800	166	191	27.6	88.7	81.5	—	—	—	—	—	—	—	—	1.0	19.76	7.03	—	12.73
MW-10	10/24/2000	5,070	79.6	46.6	34.2	11.7	242	—	—	—	—	—	—	—	—	1.9	19.76	7.96	—	11.80
MW-10	01/19/2001	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	19.76	—	—	—
MW-10	01/30/2001	6,920	362	14.2	22.7	<10.0	138	—	—	—	—	—	—	—	—	2.2	30.75	7.32	—	23.43
MW-10	04/27/2001	12,000	35	<2.5	37	6.5	—	51	—	—	—	—	—	—	—	1.2	30.75	8.28	—	22.47
MW-10	07/26/2001	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/02/2001	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/23/2001	470	3.5	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	1.8	30.75	7.02	—	23.73
MW-10	01/15/2002	3,000	5.4	<0.50	7.9	2.1	—	12	—	—	—	—	—	—	—	2.7	30.75	6.69	—	24.06
MW-10	04/17/2002	5,100	7.9	<1.0	9.3	2.6	—	15	—	—	—	—	—	—	—	0.6	30.75	7.34	—	23.41
MW-10	07/11/2002	5,700	38	2.2	7.8	3.5	—	43	—	—	—	—	—	—	—	2.0	30.75	7.85	—	22.90
MW-10	10/10/2002	4,700	53	2.1	3.8	2.8	—	80	—	—	—	—	—	—	—	3.3	30.75	8.04	—	22.71
MW-10	01/21/2003	3,900	11	1.0	7.5	2.3	—	51	—	—	—	—	—	—	—	1.7	30.75	6.81	—	23.94
MW-10	05/02/2003	3,100	1.4	<0.50	4.6	1.4	—	41	—	—	—	—	—	—	—	0.75	30.75	7.12	—	23.63
MW-10	07/10/2003	4,200	17	<1.2	6.2	<2.5	—	51	—	—	—	—	—	—	—	—	30.75	7.80	—	22.95
MW-10	10/28/2003	7,100	20	<5.0	8.4	<10	—	120	—	—	—	—	—	—	—	—	30.75	7.91	—	22.84
MW-10	01/13/2004	4,800	18	<2.5	6.3	<5.0	—	99	—	—	—	—	—	—	—	—	30.75	6.62	—	24.13
MW-10	04/01/2004	5,500	6.0	<5.0	<5.0	<10	—	59	—	—	—	—	—	—	—	—	30.75	7.00	—	23.75
MW-10	07/21/2004	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	07/29/2004	4,700	22	<5.0	5.5	<10	—	95	<50	<20	<20	<20	—	—	—	—	30.75	7.60	—	23.15
MW-10	10/20/2004	4,800	23	<5.0	<5.0	<10	—	110	—	—	—	—	—	—	—	—	30.75	7.90	—	22.85
MW-10	01/19/2005	1,200	1.1	<0.50	<0.50	<1.0	—	30	—	—	—	—	—	—	—	—	30.75	6.28	—	24.47
MW-10	04/20/2005	3,900	3.9	<0.50	2.7	<1.0	—	9.0	—	—	—	—	—	—	—	—	30.75	6.80	—	23.95
MW-10	07/20/2005	3,000	8.1	1.2	2.1	1.4	—	35	19	29	<2.0	<2.0	—	—	—	—	30.75	7.82	—	22.93
MW-10	10/19/2005	1,900	2.9	0.62	0.85	<1.0	—	39	—	—	—	—	—	—	—	—	30.75	8.30	—	22.45
MW-10	01/24/2006	6,110	0.710	<0.500	2.01	<0.500	—	20.1	—	—	—	—	—	—	—	—	30.75	6.47	—	24.28
MW-10	04/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	—	2.64	—	—	—	—	—	—	—	—	30.75	5.89	—	24.86
MW-10	07/19/2006	3,590	7.86	<0.500	0.780	<0.500	—	21.5	<10.0	<0.500	<0.500	<0.500	—	—	—	—	30.75	7.50	—	23.25
MW-10	10/18/2006	8,470	4.81	0.910	1.51	2.05	—	51.7	—	—	—	—	—	—	—	—	30.75	7.90	—	22.85
MW-10	01/17/2007	670	<0.50	<0.50	<0.50	<1.0	—	14	—	—	—	—	—	—	—	—	30.75	7.23	—	23.52

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FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE	MTBE	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
							8020 (µg/L)	8260 (µg/L)												
MW-10	04/18/2007	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	07/18/2007	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/18/2007	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/26/2007	2,400 h	0.17 i	0.32 i	0.66 i	<1.0	—	28	—	—	—	—	—	—	—	—	30.75	6.65	—	24.10
MW-10	01/16/2008	2,200 h	<0.50	<1.0	<1.0	<1.0	—	16	—	—	—	—	—	—	—	—	30.75	5.80	—	24.95
MW-10	04/16/2008	380	<0.50	<1.0	<1.0	<1.0	—	4.6	—	—	—	—	—	—	—	—	30.75	6.95	—	23.80
MW-10	07/16/2008	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/15/2008	1,000	2.7	<1.0	1.4	<1.0	—	19	—	—	—	—	—	—	—	—	30.75	7.70	—	23.05
MW-10	01/21/2009	4,400	<0.50	<1.0	<1.0	<1.0	—	<1.0	—	—	—	—	—	—	—	—	30.75	6.19	—	24.56
MW-10	04/15/2009	3,000	<5.0	<10	<10	<10	—	<10	—	—	—	—	—	—	—	—	30.75	6.30	—	24.45
MW-10	10/21/2009	2,200	0.71	<1.0	<1.0	<1.0	—	<1.0	<10	<2.0	<2.0	<2.0	—	—	—	—	30.75	5.95	—	24.80
MW-10	04/21/2010	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	30.75	—	—	—
MW-10	10/20/2010	920	<0.50	<1.0	<1.0	<1.0	—	4.3	—	—	—	—	—	—	—	—	30.75	7.25	—	23.50
MW-10	04/20/2011	1,900	<0.50	0.50	<0.50	<1.0	—	<1.0	—	—	—	—	—	—	—	—	30.75	6.70	—	24.05
MW-10	10/18/2011	1,100	<0.50	0.50	<0.50	<1.0	—	3.5	<10	<1.0	<1.0	<1.0	0.50	<0.50	—	—	30.75	7.36	—	23.39
MW-10	04/18/2012	2,200	<0.50	<0.50	<0.50	<1.0	—	<0.50	—	—	—	—	<0.50	<0.50	—	—	30.75	5.78	—	24.97
MW-10	10/17/2012	2,100	<0.50	<0.50	<0.50	<1.0	—	4.7	—	—	—	—	<0.50	<0.50	—	—	30.75	8.06	—	22.69
MW-10	04/17/2013	1,500	1.2	0.58	0.75	<1.0	—	10	—	—	—	—	<0.50	<0.50	—	—	30.75	6.91	—	23.84
MW-11	10/23/1991	140	<12	<0.3	0.37	0.56	—	—	—	—	—	—	—	—	—	—	22.06	8.06	—	14.00
MW-11	01/28/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	8.74	—	13.32
MW-11	05/04/1992	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	8.29	—	13.77
MW-11	07/13/1992	140	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	10.50	—	11.56
MW-11	10/12/1992	75	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	12.40	—	9.66
MW-11	01/12/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	04/06/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	07/12/1993	Well inaccessible		—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	10/13/1993	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	11.47	—	10.59
MW-11	01/20/1994	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	9.09	—	12.97
MW-11	04/13/1994	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	8.02	—	14.04
MW-11	07/19/1994	50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	9.82	—	12.24
MW-11	10/27/1994	60 j	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	11.66	—	10.40
MW-11	01/03/1995	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	6.15	—	15.91
MW-11	04/13/1995	<50	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	6.00	—	16.06
MW-11	06/30/1995	70	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—	—	—	—	22.06	8.31	—	13.75
MW-11	10/11/1995	60	53	<0.5	<0.5	0.80	3.0	—	—	—	—	—	—	—	—	—	22.06	10.30	—	11.76
MW-11	01/17/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	—	—	—	—	—	—	—	—	—	22.06	6.45	—	15.61

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-11	04/10/1996	<50	<0.5	<0.5	<0.5	<0.5	3.9	—	—	—	—	—	—	—	—	—	22.06	6.05	—	16.01
MW-11	07/30/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	—	—	22.06	8.92	—	13.14
MW-11	10/17/1996	3,000	28	23	29	210	76	—	—	—	—	—	—	—	—	—	22.06	9.24	—	12.82
MW-11	01/22/1997	<50	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—	—	—	3.7	22.06	5.12	—	16.94
MW-11	04/01/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	2.8	22.06	7.41	—	14.65
MW-11	07/14/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	1.9	22.06	9.74	—	12.32
MW-11	10/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	2.4	22.06	10.23	—	11.83
MW-11	01/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	3.2	22.06	3.69	—	18.37
MW-11	04/28/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	3.0	22.06	5.83	—	16.23
MW-11	09/30/1998	Well inaccessible	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	12/09/1998	Well inaccessible	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	01/18/1999	Well inaccessible	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	04/12/1999	Well inaccessible	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	—	—	—
MW-11	04/26/1999	63	<0.50	<0.50	<0.50	<0.50	<2.5	—	—	—	—	—	—	—	—	3.6	22.06	5.80	—	16.26
MW-11	07/27/1999	<50.0	<0.500	<0.500	<0.500	<0.500	6.02	—	—	—	—	—	—	—	—	2.0	22.06	8.30	—	13.76
MW-11	10/14/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	—	—	—	—	—	—	—	—	2.4	22.06	8.99	—	13.07
MW-11	01/06/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	2.9	22.06	9.93	—	12.13
MW-11	04/05/2000	<50.0	<0.500	<0.500	<0.500	<0.500	3.53	—	—	—	—	—	—	—	—	1.8	22.06	5.90	—	16.16
MW-11	07/20/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	—	—	—	—	—	—	—	—	1.7	22.06	6.13	—	15.93
MW-11	10/24/2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.06	7.45	—	14.61
MW-11	01/19/2001	<50.0	<0.500	<0.500	<0.500	<0.500	4.29	—	—	—	—	—	—	—	—	1.6	32.99	5.95	—	27.04
MW-11	04/27/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	6.12	—	26.87
MW-11	07/26/2001	<50	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	2.1	32.99	7.65	—	25.34
MW-11	10/02/2001	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	6.17	—	26.82
MW-11	01/15/2002	69	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	1.5	32.99	4.95	—	28.04
MW-11	04/17/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	6.35	—	26.64
MW-11	07/11/2002	58	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	2.3	32.99	7.47	—	25.52
MW-11	10/10/2002	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	8.45	—	24.54
MW-11	01/21/2003	57	<0.50	<0.50	<0.50	<0.50	—	<5.0	—	—	—	—	—	—	—	1.4	32.99	5.45	—	27.54
MW-11	05/02/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	5.14	—	27.85
MW-11	07/10/2003	<50	<0.50	<0.50	<0.50	<1.0	—	2.1	—	—	—	—	—	—	—	—	32.99	7.41	—	25.58
MW-11	10/28/2003	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	7.78	—	25.21
MW-11	01/13/2004	56 d	<0.50	0.50	<0.50	<1.0	—	2.9	—	—	—	—	—	—	—	—	32.99	5.85	—	27.14
MW-11	04/01/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	6.02	—	26.97
MW-11	07/21/2004	<50	<0.50	<0.50	<0.50	<1.0	—	2.2	<5.0	<2.0	<2.0	<2.0	—	—	—	—	32.99	7.52	—	25.47
MW-11	10/20/2004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.99	7.20	—	25.79
MW-11	01/19/2005	<50	<0.50	<0.50	<0.50	<1.0	—	1.8	—	—	—	—	—	—	—	—	32.99	4.50	—	28.49

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
MW-11	04/20/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.99	5.09	---	27.90
MW-11	07/20/2005	53 f	<0.50	<0.50	<0.50	<1.0	---	2.9	<5.0	<2.0	<2.0	<2.0	---	---	---	---	32.99	7.31	---	25.68
MW-11	10/19/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.99	8.60	---	24.39
MW-11	01/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	1.38	---	---	---	---	---	---	---	---	32.99	4.38	---	28.61
MW-11	04/19/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.99	3.86	---	29.13
MW-11	07/19/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	2.22	<10.0	<0.500	<0.500	<0.500	---	---	---	---	32.99	7.07	---	25.92
MW-11	10/18/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.99	7.36	---	25.63
MW-11	01/17/2007	<50	<0.50	<0.50	<0.50	<1.0	---	0.92	---	---	---	---	---	---	---	---	32.99	6.34	---	26.65
MW-11	07/18/2007	<50 h	<0.50	<1.0	<1.0	<1.0	---	1.9	<10	<2.0	<2.0	<2.0	---	---	---	---	32.99	8.30	---	24.69
MW-11	01/16/2008	<50 h	<0.50	<1.0	<1.0	<1.0	---	1.6	<10	<2.0	<2.0	<2.0	---	---	---	---	32.99	5.39	---	27.60
MW-11	04/16/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.99	6.89	---	26.10
MW-11	07/16/2008	<50	<0.50	<1.0	<1.0	<1.0	---	1.5	<10	<2.0	<2.0	<2.0	---	---	---	---	32.99	8.31	---	24.68
MW-11	10/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.99	8.70	---	24.29
MW-11	01/21/2009	51	<0.50	<1.0	<1.0	<1.0	---	1.2	---	---	---	---	---	---	---	---	32.99	7.13	---	25.86
MW-11	04/15/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.99	5.89	---	27.10
MW-11	10/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	---	---	32.99	7.15	---	25.84
MW-11	04/21/2010	Well inaccessible			---	---	---	---	---	---	---	---	---	---	---	---	32.99	---	---	---
MW-11	10/20/2010	76	<0.50	<1.0	<1.0	<1.0	---	1.5	---	---	---	---	---	---	---	---	32.99	8.75	---	24.24
MW-11	04/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	1.3	---	---	---	---	---	---	---	---	32.99	5.16	---	27.83
MW-11	10/18/2011	<50	<0.50	0.50	<0.50	<1.0	---	1.8	<10	<1.0	<1.0	<1.0	0.50	<0.50	---	---	32.99	7.33	---	25.66
MW-11	04/18/2012	<50	<0.50	<0.50	<0.50	<1.0	---	0.70	---	---	---	---	<0.50	<0.50	---	---	32.99	3.89	---	29.10
MW-11	10/17/2012	<50	<0.50	<0.50	<0.50	<1.0	---	1.1	---	---	---	---	<0.50	<0.50	---	---	32.99	8.75	---	24.24
MW-11	04/17/2013	50	<0.50	<0.50	<0.50	<1.0	---	1.4	---	---	---	---	<0.50	<0.50	---	---	32.99	6.03	---	26.96

Notes:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to April 27, 2001, analyzed by EPA Method 8015 unless otherwise noted.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to April 27, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether analyzed by method noted

TBA = Tertiary-butyl alcohol 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

EDB = 1,2-Dibromoethane analyzed by EPA Method 8260B

1,2-DCA = 1,2-Dichloroethane analyzed by EPA Method 8260B

Ethanol analyzed by EPA Method 8260B

DO = Dissolved oxygen

TOC = Top of casing elevation, in feet relative to mean sea level

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
3420 SAN PABLO AVENUE, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)	DO Reading (mg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)
							8020 (µg/L)	8260 (µg/L)												

SPH = Separate-phase hydrocarbon

GW = Groundwater

µg/L = Micrograms per liter

mg/L = Milligrams per liter

ft = Feet

MSL = Mean sea level

<x = Not detected at reporting limit x

— = Not analyzed or available

a = Chromatogram pattern indicates an unidentified hydrocarbon.

b = MTBE could not be quantified due to co-eluting compounds.

c = The highest recovery value for TPH has been reported, but this should be considered an estimate. Repeated analysis yielded inconsistent results.

d = Hydrocarbon does not match pattern of laboratory's standard.

e = SPH present in well measured at less than 0.01 feet. Visual inspection revealed the presence of distinct phases within the sample, indicating the possible presence of undissolved hydrocarbons.

f = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

g = Secondary ion abundances were outside method requirements. Identification based on analytical judgment.

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

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

j = Analyzed outside the EPA recommended holding time.

When SPHs are present, groundwater elevation is adjusted using the equation:

$$\text{Corrected Groundwater Elevation} = \text{TOC} - \text{Depth to water} + (0.8 \times \text{SPH Thickness}).$$

Resurvey of wells was performed on August 28, 1998 by Virgil Chavez Land Surveying

All wells except MW-11 surveyed February 26, 2001 by Virgil Chavez Land Surveying