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Jennifer C. Sedlachek
Project Manager

ExxonMobil

August 22, 2008

Mr. Jerry T. Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Subject: Former Exxon RAS #73567, 3192 Santa Rita Road, Pleasanton, California, ACHCSA File No. RO-0002426

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Work Plan for Subsurface Investigation* for the above-referenced site. The document, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, is submitted in response to a request from the Alameda County Health Care Services Agency Environmental Health Services in a letter to ExxonMobil dated June 18, 2008.

Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached work plan is true and correct.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ETIC Work Plan for Subsurface Investigation

c: w/ attachment:
Ms. Colleen Morf - Zone 7 Water Agency
Mr. Robert Ehlers - Valero Energy Corporation (pdf copy via e-mail to <robert.ehlers@valero.com>)

c: w/o attachment:
Mr. Bryan Campbell - ETIC Engineering, Inc.

Work Plan for Subsurface Investigation

Former Exxon Retail Site 73567
3192 Santa Rita Road
Pleasanton, California

ACHCSA File No. RO-0002426

Prepared for

ExxonMobil Oil Corporation

Prepared by

ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, California 94523
(925) 602-4710

K. Erik Appel
Project Manager

August 20, 2008
Date

PROFESSIONAL GEOLOGIST
BRYAN CAMPBELL
No. 7724
Exp. 2/28/10
STATE OF CALIFORNIA

Bryan Campbell, P.G. #7724
Senior Geologist

August 20, 2008
Date

August 2008

SITE CONTACTS

Site Name:	Former Exxon Retail Site 73567
Site Address:	3192 Santa Rita Road Pleasanton, California
ExxonMobil Project Manager:	Jennifer C. Sedlachek ExxonMobil Environmental Services Company 4096 Piedmont Avenue #194 Oakland, California 94611 (510) 547-8196
Consultant to ExxonMobil:	ETIC Engineering, Inc. 2285 Morello Avenue Pleasant Hill, California 94523 (925) 602-4710
ETIC Project Manager:	K. Erik Appel
Regulatory Oversight:	Jerry T. Wickham Alameda County Health Care Services Agency 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502-6577 (510) 567-6700
	Eddy So California Regional Water Quality Control Board San Francisco Bay Region 1515 Clay Street, Suite 1400 Oakland, California 94612 (510) 622-2342
	Colleen Morf Zone 7 Water Agency 100 North Canyons Parkway Livermore, California 94551 (925) 454-5000

INTRODUCTION

ETIC Engineering, Inc. (ETIC) has prepared this *Work Plan for Subsurface Investigation* for ExxonMobil Environmental Services Company on behalf of ExxonMobil Oil Corporation (ExxonMobil) for former Exxon Retail Site (RS) 73567, located at 3192 Santa Rita Road, Pleasanton, California (Figure 1). This work plan is being submitted in response to a request from the Alameda County Health Care Services Agency Environmental Health Services (ACHCSA) which was made in a letter to ExxonMobil dated 18 June 2008 (Appendix A).

SITE BACKGROUND

Former Exxon RS 73567 is an active gasoline retail and automobile repair facility located on the southeast corner of the intersection of Santa Rita Road and Las Positas Boulevard (Figures 1 and 2). The site is currently occupied by a station building (sales counter, office, and auto repair), six dispenser islands, and five double-walled fiberglass underground storage tanks (USTs): one 12,000-gallon and 10,000-gallon unleaded tank, one 10,000-gallon premium unleaded tank, one 6,000-gallon diesel tank, and one 1,000-gallon used oil tank (Figure 2). Site and UST system ownership were transferred from ExxonMobil to Valero Energy Corporation in June 2000. Currently, the property is owned by MHCB USA Leasing & Finance Corporation, and an independent dealer, Steve Roesbery Incorporated, operates the site as a Valero-branded gasoline service station.

Land use in the immediate vicinity of the site is predominantly commercial. The site is bordered on the east by a restaurant building and on the south by parking lots associated with adjacent retail shops and restaurants. To the west across Santa Rita Road is residential. To the north across Las Positas Boulevard is a fire station. The site and the surrounding area are generally flat-lying and lie at an elevation of approximately 341 feet above mean sea level.

LOCAL GEOLOGY AND HYDROGEOLOGY

The geology and hydrogeology of the site have been evaluated using existing soil boring logs from previous and current site investigations. Two water-bearing zones, designated as the upper and lower water-bearing zones, have been identified within the total depth explored in borings advanced for the site. Although these zones were encountered at varying depths, a typical geologic section is described below:

- Upper clay unit – A sequence of interbedded clayey sediments composed primarily of clay with varying amounts of silt and sand, with layers of clayey sand, silty sand, and clayey silt occurs at surface grade. The predominant characteristics of this unit are the high proportion of clay (even with the coarser-grained layers) and lateral homogeneity. The depth of this unit is relatively consistent across the site, between 44 and 47 feet below ground surface (bgs). In the western and southern areas of the site, the upper clay unit is underlain by a 3- to 4-foot thick clayey silt layer. In addition, a 7-foot thick clayey sand layer was observed above this clayey silt layer in the boring for MW7. Groundwater saturation levels in this unit are variable (ERI 2006).
- Lower sand and gravel unit - A unit consisting of interbedded sand and gravel layers with varying amounts of clay and silt underlies the upper clay unit to a depth of at least 70 feet bgs,

the total depth explored at the site. The predominant characteristics of this unit are the high proportion of fine-grained sand and lateral homogeneity. Layers are composed of clayey sand, silty sand, gravelly sand, and sandy gravel. Groundwater saturation levels in this unit are generally moist to wet.

Groundwater monitoring wells MW1, MW2, and MW7 are screened in the upper unit. Well MW8 is screened in the lower unit. Wells MW3, MW4, are MW6 are screened across the both the upper and lower units. Groundwater in wells MW3, MW4, and MW6 is generally considered to be representative of the lower unit based on the greater hydraulic conductivity of the lower unit and the fact that groundwater elevations in those wells are consistent with that of well MW8 which is screened entirely in the lower unit.

Depth to water in the upper unit is typically approximately 20 to 28 feet bgs. Depth to groundwater in the lower unit is approximately 40 feet bgs. Groundwater flow direction of the upper unit has historically been east-southeast. Groundwater flow direction of the lower unit has been southwest.

PREVIOUS INVESTIGATIONS

In December 1988, four USTs (one 10,000-gallon unleaded, 8,000-gallon regular leaded gasoline, one 6,000-gallon super unleaded, and one 500-gallon used oil tank) were removed as a part of Exxon's planned remodel of the service station. Six soil samples were collected from the excavations and submitted for laboratory analysis. Residual Total Petroleum Hydrocarbons as gasoline (TPH-g) was detected. The UST pit was overexcavated to an approximate depth of 14 to 17 feet bgs, and additional soil samples were collected. None of the samples showed concentrations at or above laboratory reporting limits. The current five USTs were installed following the tank overexcavation (AG 1989).

On 6 March 1990, approximately 20 gallons of product were spilled during tank refueling (Gibson 1990). The product flowed out to the gutter along Santa Rita Road and traveled south into a storm drain inlet, which drains to Arroyo Mocho Canal. Cleanup activities were conducted between 7 and 8 March 1990, and water samples were collected from the storm drain and the canal before and after the cleanup. In the water samples collected before the cleanup, TPH-g was detected at a concentration of 94,000 micrograms per liter (µg/L) in the storm drain effluent near the canal and 2,400 µg/L at 400 feet downstream in the canal. In the water samples collected after the cleanup, TPH-g was detected at a concentration of 1,200 µg/L in the storm water effluent and 64 µg/L at 400 feet downstream in the canal (IT 1990).

In December 1995, approximately 30 linear feet of used-oil drain line beneath the floor of the service bay was replaced with new line, and approximately 28 linear feet of used-oil drain line was abandoned in place after being pressure tested, rinsed, drained, and slurry-filled (PFD 1995).

In October 1998, one hoist and one 50-gallon underground hydraulic oil reservoir were excavated. Three soil samples were collected and analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH). TRPH was detected at a maximum concentration of 1,700 milligrams per kilogram in a sample from beneath the hoist (Delta 1998).

In November 1998, four groundwater monitoring wells (MW1-MW4) were installed, and groundwater monitoring began on a quarterly basis (ERI 1998).

In April 2000, three soil borings (B1-B3) were advanced to total depths of approximately 52 to 55 feet bgs (ERI 2000a).

Groundwater monitoring wells MW5 through MW7 were installed in July 2000 (ERI 2000b), and monitoring well MW8 was installed in March 2001 (EIR 2001).

In August 2002, the dispenser islands and product lines were replaced. Soil samples were collected from beneath the dispenser islands and the base of the excavated product line trenches (Horizon 2002).

In July 2006, a site conceptual model and recommendation for case closure was submitted for the site (ERI 2006).

In January and February 2008, nine direct push soil borings (DP1-DP9) were advanced to a maximum depth of 63 feet bgs (ETIC 2008).

Groundwater monitoring and sampling have been conducted on a quarterly basis since November 1998. Well construction details are presented in Table 1. Groundwater monitoring data and groundwater analytical results for oxygenates and additives are presented in Tables 2 and 3. The most recent groundwater elevation contours and groundwater analytical results are shown in Figures 2 through 4. Cumulative soil sample analytical results are summarized in Tables 4 and 5.

PROPOSED SCOPE OF WORK

ETIC proposes to install six groundwater monitoring wells (two screened across the upper water-bearing zone and four screened across the lower water-bearing zone) to further investigate subsurface conditions at the site, especially the presence of dissolved-phase concentrations in groundwater. Any applicable permits or access will be obtained prior to the performance of this work.

ETIC proposes to conduct the following activities:

- A total of six soil borings will be advanced at the proposed location shown in Figures 5 and 6. The proposed boring locations are based on the results of the previous investigations and the groundwater monitoring data. The groundwater flow directions of the upper water-bearing zone and the lower water-bearing zone have historically been east-southeast and southwest, respectively. The proposed well locations may need to be modified based on property access, utilities, vehicles, traffic requirements, or other obstacles that may be encountered. The boring will be drilled with a truck-mounted rotary drill rig using hollow-stem, continuous-flight augers.

- Soil samples from the borings will be collected continuously to the total depth of the boring. Selected soil samples will be retained for laboratory analysis based on significant lithologic changes and/or photoionization detector measurements.

- The borings will be completed as a 2-inch-diameter groundwater monitoring wells. The shallow wells will be screened with 0.010-inch slotted screen from approximately 20 to 35 feet bgs in the upper water-bearing zone. The deep wells will be screened with 0.010-inch slotted screen from approximately 55 to 70 feet bgs in the lower water-bearing zone. The depth to static groundwater in the upper and lower water-bearing zones are approximately 20 to 28 and 40 feet bgs, respectively. The actual depth of the screened interval will be dependent upon conditions encountered in the field. Proposed shallow well and deep well construction diagrams are shown on Figures 7 and 8, respectively.

- The well installations will be completed in accordance with the drilling and well installation and sampling protocols described in Appendix B, and in accordance with local regulations.

- The wells will be developed and groundwater samples collected as described in Appendix B.

- All soil and groundwater samples will be preserved, stored in an ice-filled cooler, and delivered under chain of custody to a laboratory certified by the California Department of Health Services.

- The elevation of the top of the new well casings will be surveyed relative to an established datum. Survey protocols are included in Appendix B.

- The new wells will be monitored and sampled as part of the quarterly groundwater monitoring program for the site.

Selected soil samples will be analyzed for:
- TPH as diesel (TPH-d) and TPH-g by EPA Method 8015B.
- Lead by EPA Method 6010B.
- BTEX by EPA Method 8260B.
- MTBE, tertiary butyl alcohol (TBA), diisopropyl ether (DIPE), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), 1,2-dibromoethane (EDB), 1,2-dichloroethane (1,2-DCA), ethanol, and methanol by EPA Method 8260B.

The baseline groundwater samples will be analyzed for:
- TPH-d and TPH-g by EPA Method 8015B.
- BTEX by EPA Method 8021B.
- MTBE, TBA, DIPE, TAME, ETBE, EDB, and 1,2-DCA by EPA Method 8260B.

REPORTING

The investigation results will be presented in a technical report. The report will include a summary of the investigation results, boring logs, and analytical results.

SCHEDULE

Completion of the field work is contingent upon approval of this work plan by the ACHCSA, upon obtaining access, and upon receipt of approved permits. The report will be submitted within 60 days after the completion of the field work. ETIC will keep the ACHCSA informed of the status of the investigation.

Additionally, in the event that the work scope must be altered significantly due to access issues and/or other unexpected issues, ETIC will notify ACHCSA personnel prior to implementing changes to the work scope.

REFERENCES

AG (Applied GeoSystems). 1989. Limited Subsurface Environmental Investigation Related to Tank Removal and Soil Aeration at Exxon Service Station 7-3567, 3192 Santa Rita Road, Pleasanton, California.

Delta (Delta Environmental Consultants, Inc.). 1998. Soil Excavation, Hoist Removal, and Soil Sampling Results, Exxon Service Station No. 7-3567, 3192 Santa Rita Road, Pleasanton, California, Delta Project No. D098-885. November 25.

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ERI (Environmental Resources, Inc.). 2000a. Subsurface Investigation at Exxon Service Station 7-3567, 3192 Santa Rita Road, Pleasanton, California. April 13.

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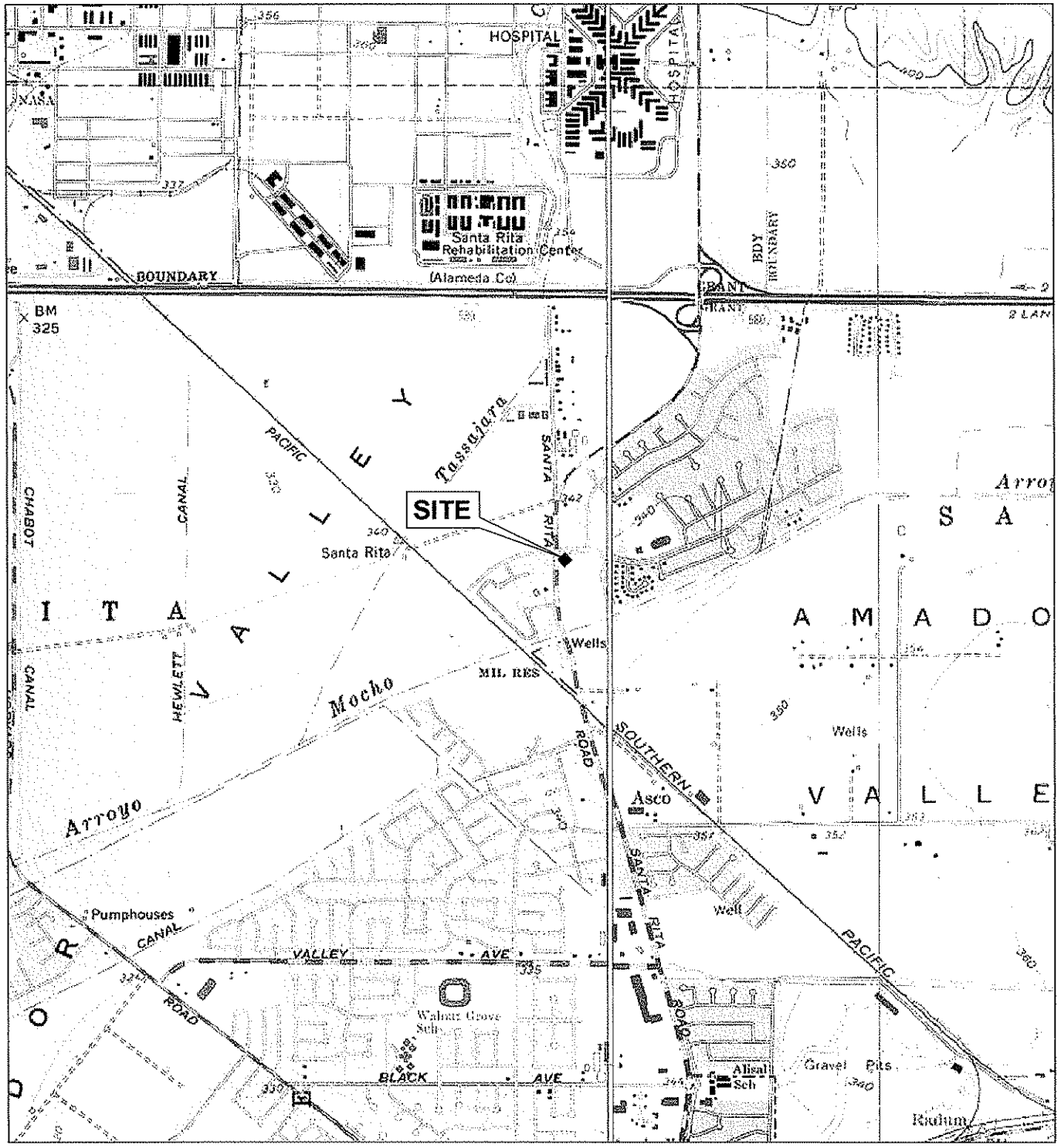
Gibson, D.D. 1990. Letter from Exxon Company U.S.A. to Mr. Hossain Kazemi of California Regional Water Quality Control Board. March 12.

Horizon (Horizon Environmental, Inc.). 2002. Results of Fuel Pipeline and Dispenser Soil Sampling, Valero Service Station No. 3827, Former Exxon Service Station 7-3567, 3192 Santa Rita Road, Pleasanton, California. September 18.

PFD (City of Pleasanton Fire Department). 1995. UST Piping Installation Permit 95-003.

Figures



SOURCE: USGS Topographic Map

N

0 2000

Scale (feet)

FILENAME: TOPO.DWG 12/11/07

ETIC ENGINEERING

SITE LOCATION AND TOPOGRAPHIC MAP
FORMER EXXON RS 73567
3192 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

FIGURE:
1

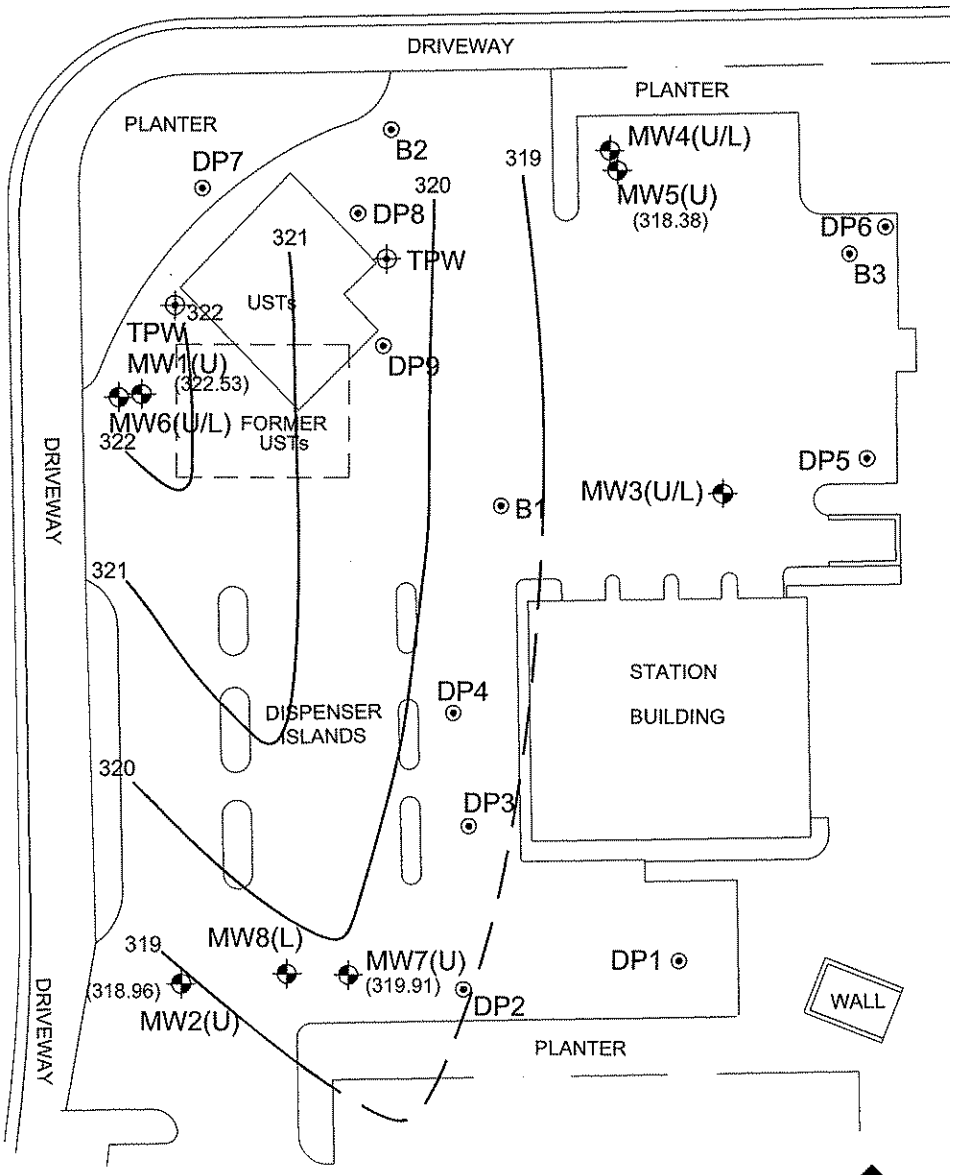
LEGEND

- Groundwater monitoring well
- Tank pit well
- (322.53) Groundwater elevation (feet)
- Groundwater elevation contour (feet, dashed where inferred)

GW Groundwater Flow Direction
Gradient = 0.021

LAS POSITAS BOULEVARD

SANTA RITA ROAD

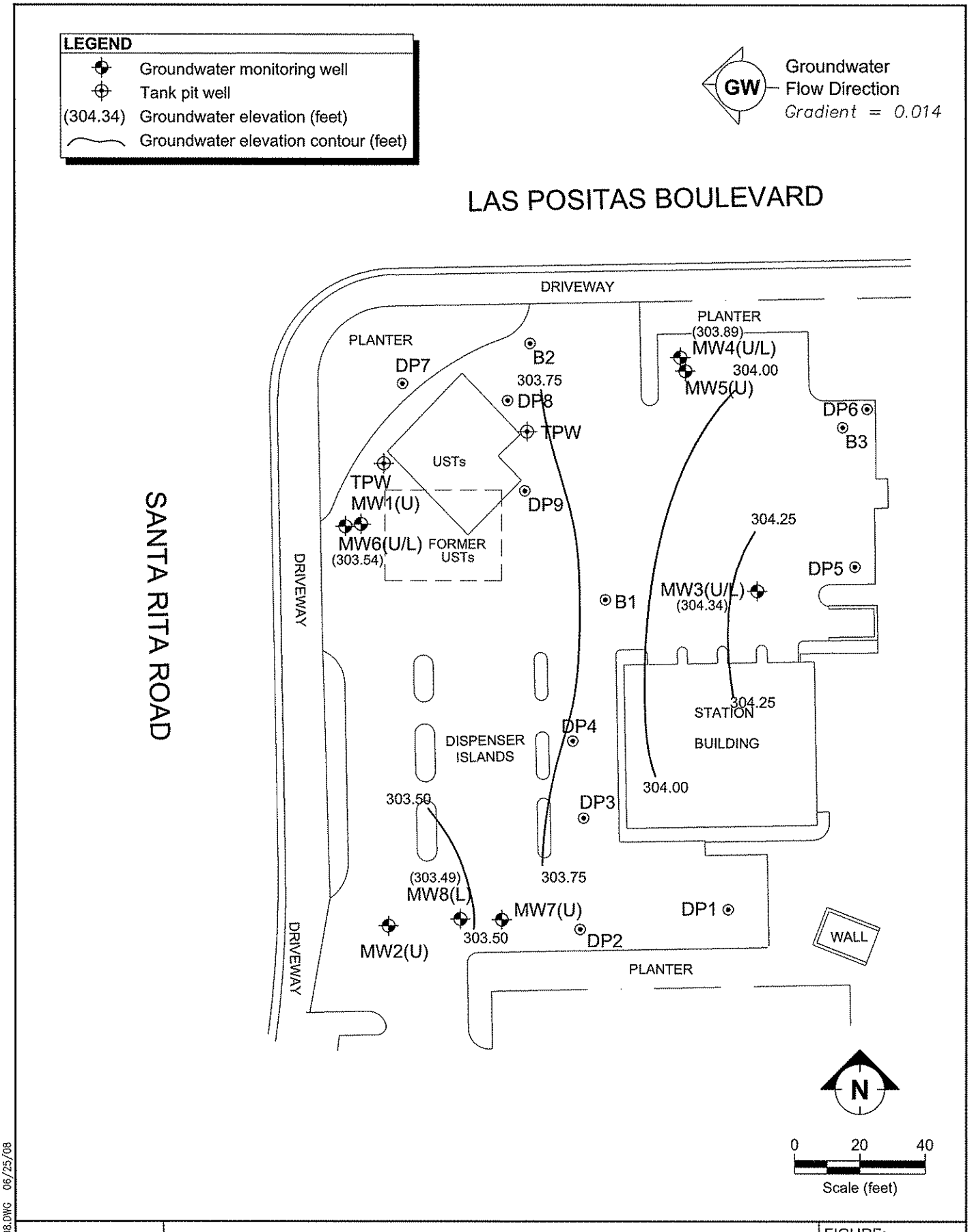


FILENAME: 2q2008.DWG 06/25/08

ETIC ENGINEERING

SITE MAP SHOWING GROUNDWATER ELEVATION CONTOURS FOR UPPER WATER-BEARING ZONE
FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA
30 MAY 2008

FIGURE: **2**

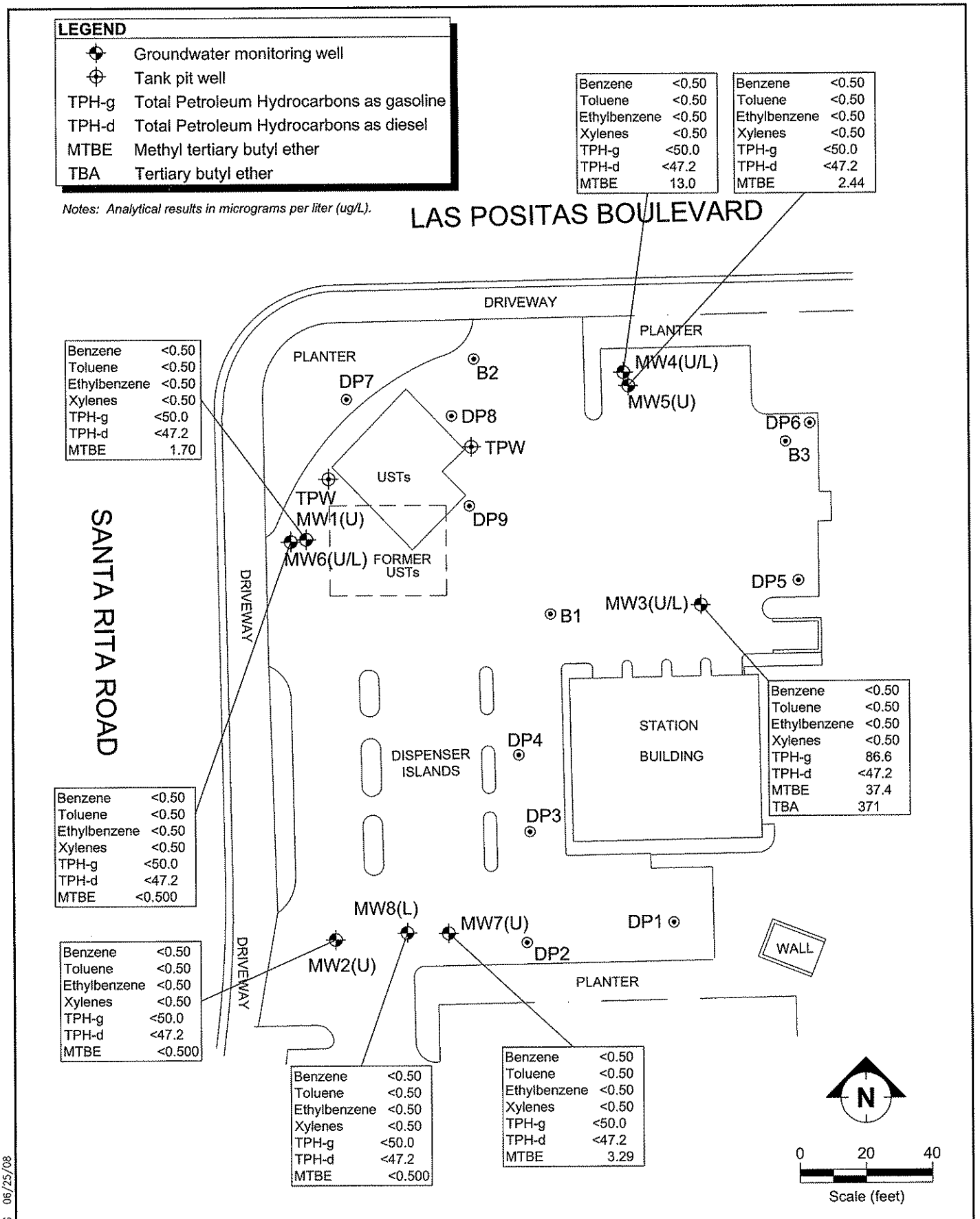


FILENAME: 2q2008.DWG 06/25/08

ETIC ENGINEERING

SITE MAP SHOWING GROUNDWATER ELEVATION CONTOURS FOR LOWER WATER-BEARING ZONE
FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA
30 MAY 2008

FIGURE: **3**



FILENAME: 2q2008.DWG 06/25/08

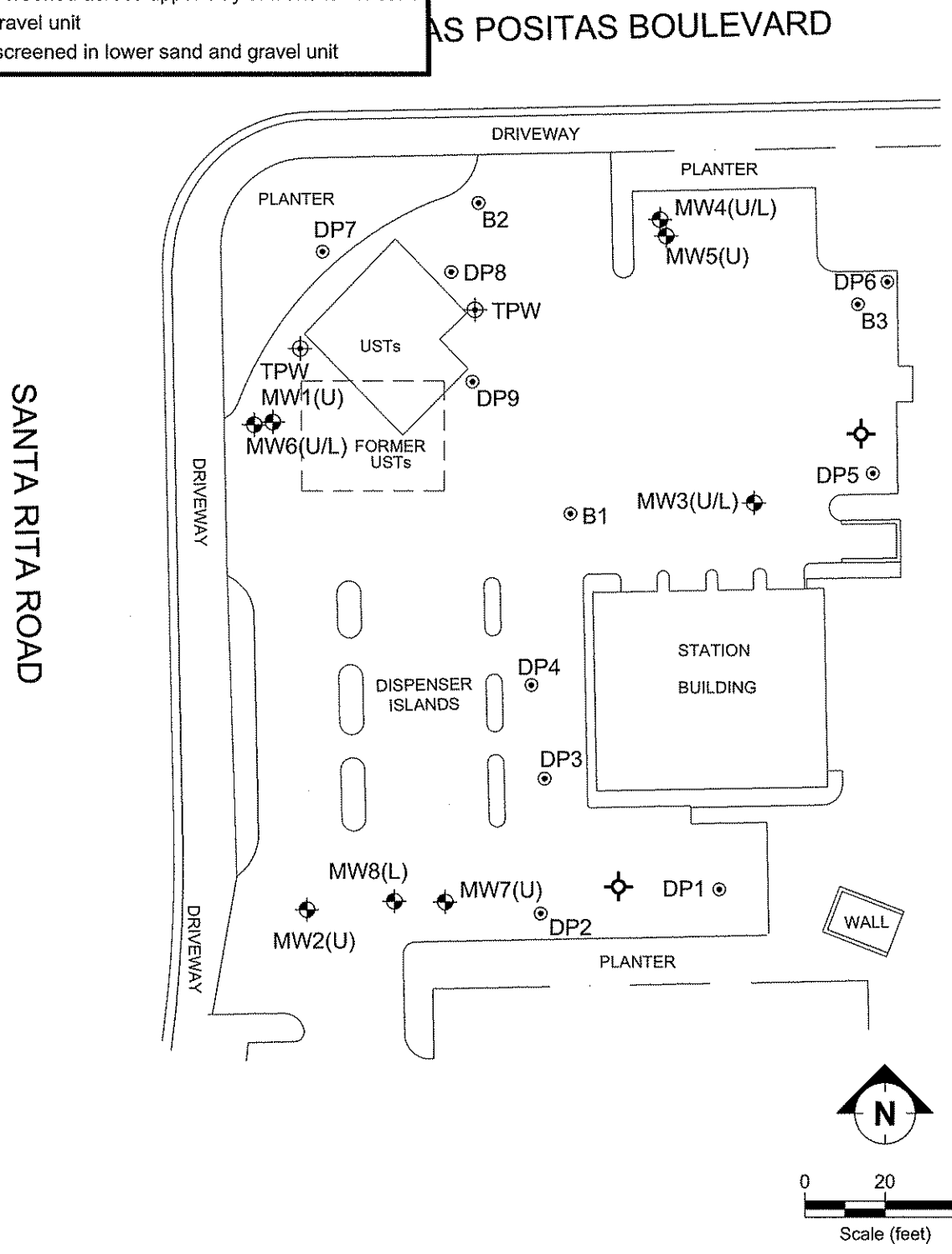
ETIC ENGINEERING

SITE MAP SHOWING ANALYTICAL DATA
FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA
30 MAY 2008

FIGURE: 4

LEGEND

- Groundwater monitoring well
- Tank pit well
- Soil boring
- Proposed groundwater monitoring well
- (U) Well screened in upper clay unit
- (U/L) Well screened across upper clay unit and lower sand and gravel unit
- (L) Well screened in lower sand and gravel unit



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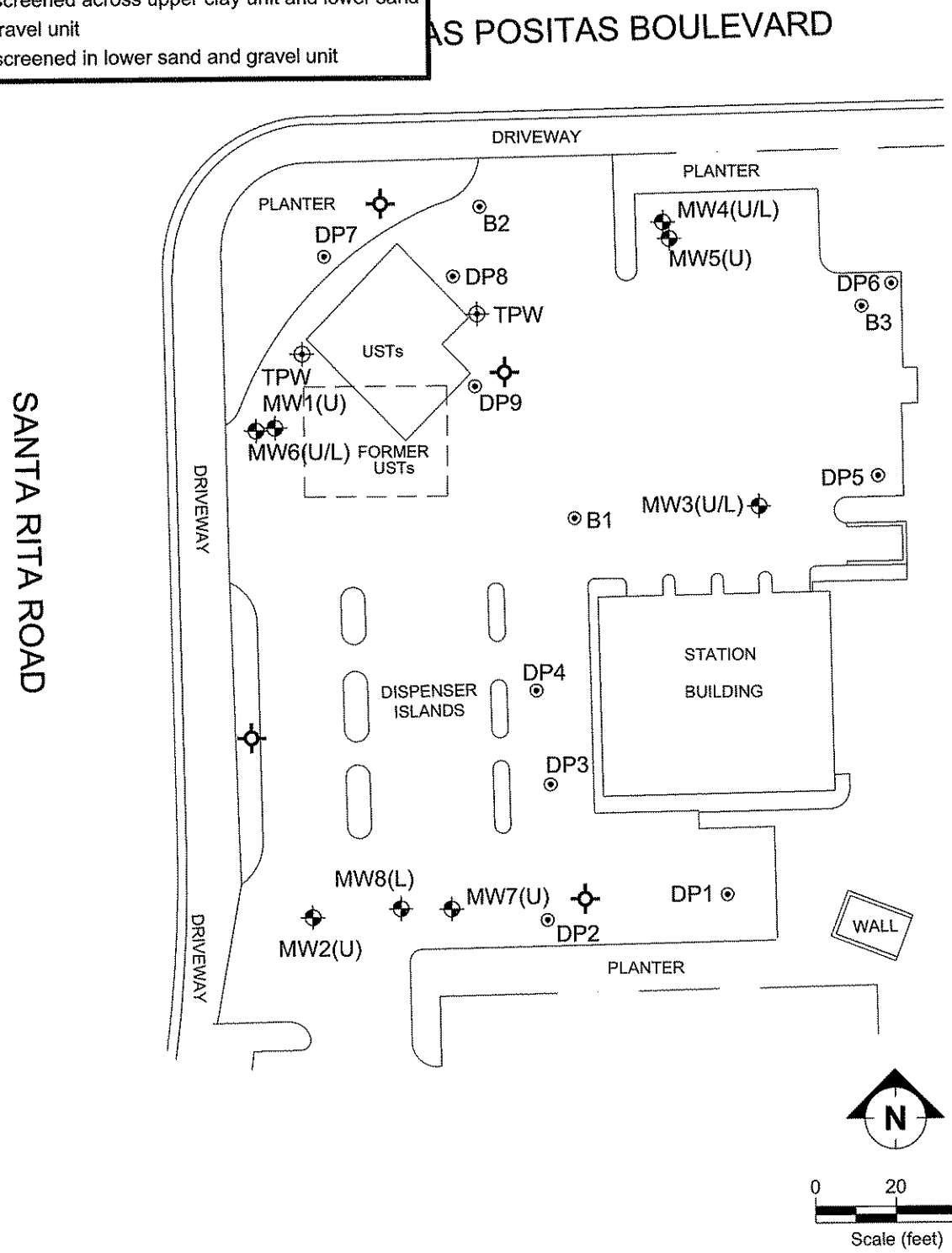
ETIC ENGINEERING

SITE MAP SHOWING PROPOSED SHALLOW WELL LOCATIONS
FORMER EXXON RS 73567
3192 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

FIGURE: **5**

LEGEND

- Groundwater monitoring well
- Tank pit well
- Soil boring
- Proposed groundwater monitoring well
- (U) Well screened in upper clay unit
- (U/L) Well screened across upper clay unit and lower sand and gravel unit
- (L) Well screened in lower sand and gravel unit

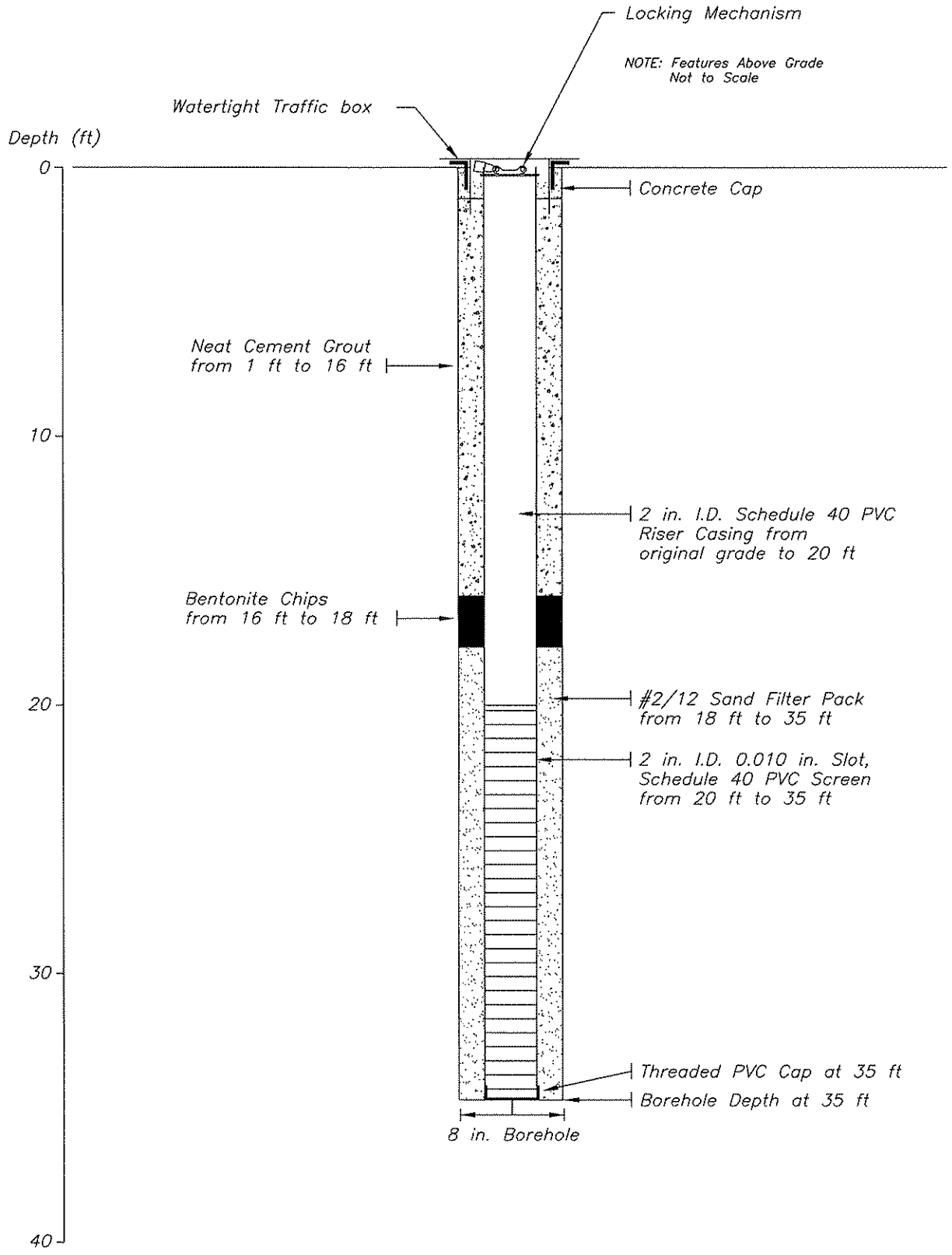


FILENAME: Prop0408.DWG 04/10/08

ETIC ENGINEERING

SITE MAP SHOWING PROPOSED DEEP WELL LOCATIONS
FORMER EXXON RS 73567
3192 SANTA RITA ROAD
PLEASANTON, CALIFORNIA

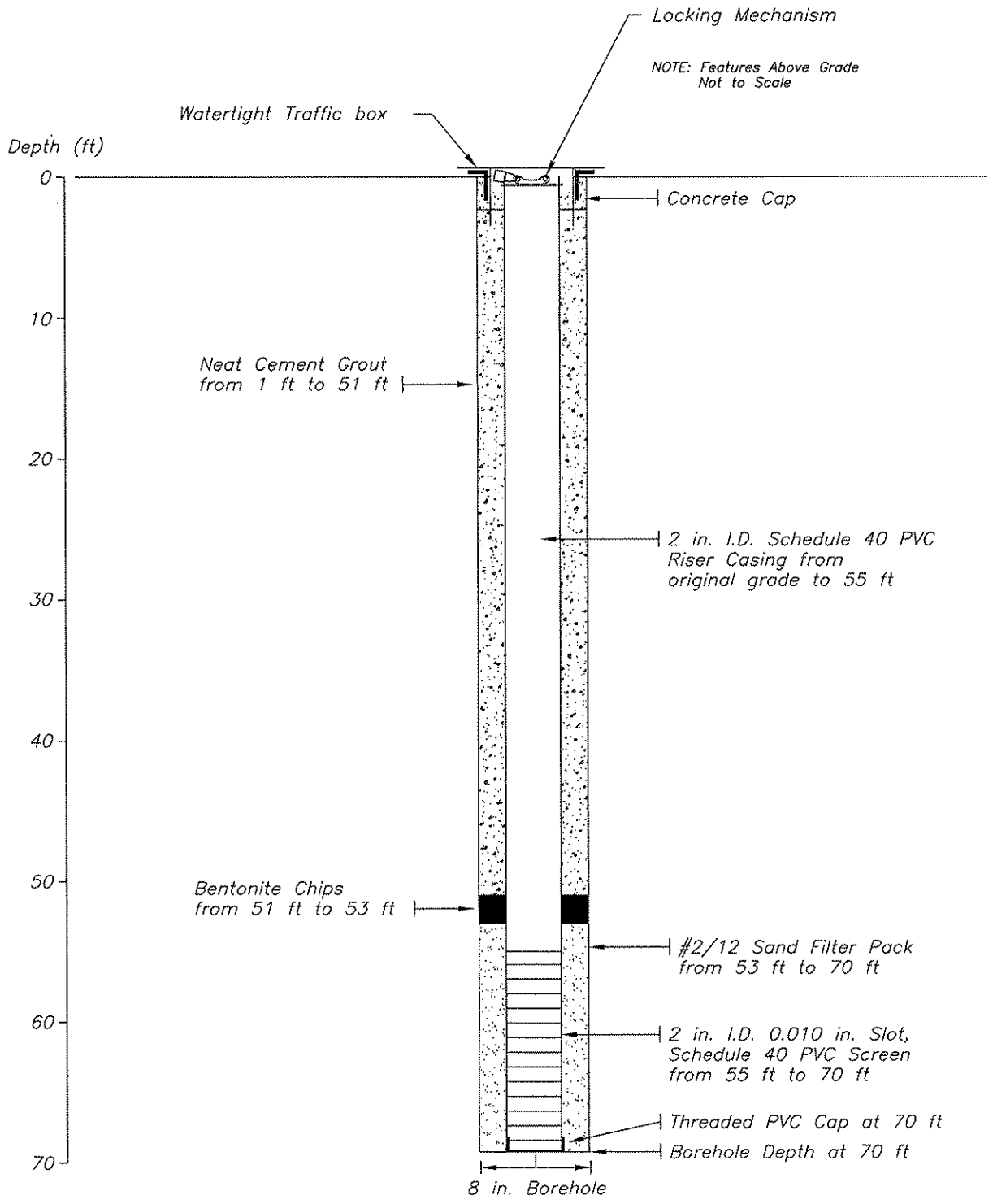
FIGURE: **6**



ETIC ENGINEERING

WELL COMPLETION DIAGRAM FOR
PROPOSED 2" GROUNDWATER MONITORING WELL IN UPPER WATER-BEARING ZONE
FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLESANTON, CALIFORNIA

FIGURE: 7



ETIC ENGINEERING

WELL COMPLETION DIAGRAM FOR
PROPOSED 2" GROUNDWATER MONITORING WELL IN LOWER WATER-BEARING ZONE
FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

FIGURE: 8

Tables

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material	Screened Unit
MW1	11/12/98	340.86	NS	36.5	35	8	2	20-35	0.200	19-36.5	#3 Sand	U
MW2	11/12/98	340.16	NS	41.5	35	8	2	20-35	0.020	19-35	#3 Sand	U
MW3	11/11/98	342.95	NS	51.5	50	8	2	35-50	0.020	34-51.5	#3 Sand	U/L
MW4	11/11/98	342.96	NS	51.5	50	8	2	35-50	0.020	34-51.5	#3 Sand	U/L
MW5	07/18/00	342.87	NS	31	30	8	2	20-30	0.020	19-31	#3 Sand	U
MW6	07/19/00	341.05	NS	54	53	8	2	43-53	0.020	42-54	#3 Sand	U/L
MW7	07/18/00	341.73	NS	50	49	8	2	39-49	0.020	38-50	#3 Sand	U
MW8	03/16/01	341.44	NS	70	70	8	2	55-70	0.020	55-70	#3 Sand	L

Notes:

NS Not specified.
TOC Top of casing.
U Upper Clay unit.
L Lower Sand and Gravel unit.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date		Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d		MTBE
MW1	11/17/98		340.86	21.90	318.96	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW1	03/15/99		340.86	21.15	319.71	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW1	06/25/99		340.86	20.34	320.52	<0.5	<0.5	<0.5	<0.5	<50	--	a	--
MW1	09/24/99		340.86	20.42	320.44	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW1	12/22/99		340.86	21.11	319.75	<0.5	<0.5	<0.5	<0.5	<50	<61		--
MW1	03/07/00		340.86	14.12	326.74	<0.5	<0.5	<0.5	<0.5	<50	57		--
MW1	06/06/00		340.86	17.79	323.07	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW1	06/16/00		340.86	Property transferred to Valero Refining Company.									
MW1	07/31/00		340.86	19.02	321.84	<0.5	<0.5	<0.5	<0.5	<50	<50		38
MW1	10/10/00		340.86	18.56	322.30	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW1	01/11/01		340.86	21.43	319.43	<0.5	<0.5	<0.5	<0.5	<50	<50		98
MW1	04/11/01		340.86	19.83	321.03	<0.5	<0.5	<0.5	<0.5	<50	960	e	33
MW1	07/20/01		340.86	20.50	320.36	<0.5	<0.5	<0.5	<0.5	<50	<50		20
MW1	10/19/01		340.86	19.48	321.38	<0.5	<0.5	<0.5	<0.5	<50	<50		420
MW1	11/01/01		340.86	Well surveyed in compliance with AB 2886 requirements.									
MW1	01/28/02		340.86	19.72	321.14	<0.50	<0.50	<0.50	<0.50	178	<100		--
MW1	04/17/02		340.86	22.17	318.69	<0.5	<0.50	<0.50	<0.50	124	<50		131
MW1	07/17/02		340.86	22.51	318.35	<0.5	<0.5	<0.5	<0.5	<50.0	<50		8.76
MW1	10/24/02		340.86	22.51	318.35	<0.5	<0.5	<0.5	<0.5	217	<50		302
MW1	03/21/03		340.86	21.32	319.54	<0.50	<0.5	<0.5	<0.5	70.9	<50		83.4
MW1	04/10/03		340.86	21.27	319.59	<0.50	<0.5	<0.5	<0.5	67.2	<51		71.0
MW1	07/17/03		340.86	21.13	319.73	<0.50	<0.5	<0.5	<0.5	88.9	<50		44.6
MW1	10/09/03		340.86	21.55	319.31	<0.50	<0.5	<0.5	<0.5	<50.0	<50		41.2
MW1	01/21/04		340.86	19.96	320.90	<0.50	<0.5	<0.5	<0.5	625	<50		974
MW1	05/25/04		340.86	22.11	318.75	<0.50	<0.5	<0.5	<0.5	196	<50		204
MW1	08/26/04		340.86	21.28	319.58	<0.50	<0.5	<0.5	<0.5	148	57		153
MW1	12/07/04	j	340.86	21.43	319.43	<0.50	<0.5	<0.5	<0.5	966	<50		1,130
MW1	03/17/05		340.86	17.99	322.87	<0.50	<0.5	<0.5	<0.5	1,720	57	k	2,600
MW1	06/20/05		340.86	21.26	319.60	<0.50	<0.5	<0.5	1.0	74.4	<50		103
MW1	09/20/05		340.86	17.33	323.53	<0.50	<0.50	<0.50	<0.50	<50.0	228	k	15.3
MW1	12/22/05		340.86	17.49	323.37	<0.50	<0.50	<0.50	<0.50	<50.0	<50.0		14.6
MW1	03/23/06		340.86	16.81	324.05	<0.50	<0.50	<0.50	<0.50	<50	<47		10.4
MW1	05/30/06		340.86	17.02	323.84	<0.50	<0.50	<0.50	<0.50	<50	<47		4.6
MW1	09/18/06		340.86	19.55	321.31	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2		2.15
MW1	12/11/06		340.86	20.56	320.30	<0.50	<0.50	<0.50	<0.50	<50	<47		2.3
MW1	02/20/07		340.86	20.04	320.82	<0.50	<0.50	<0.50	<0.50	<50.0	<47		1.31

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date		Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d		MTBE
MW1	05/03/07		340.86	18.00	322.86	<0.50	<0.50	<0.50	<0.50	<50	<47		1.9
MW1	08/02/07		340.86	18.29	322.57	<0.50	<0.50	<0.50	<0.50	<50	<48		<0.50
MW1	12/19/07		340.86	19.90	320.96	<1.00	<1.00	<1.00	<3.00	<100	<94.3		2.60
MW1	03/17/08		340.86	17.20	323.66	<0.50	<0.50	<0.50	<0.50	<50.0	70.6		2.62
MW1	05/30/08		340.86	18.33	322.53	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2		1.70
MW2	11/17/98		340.61	20.42	320.19	1.5	<0.5	0.98	2.6	<50	91		23
MW2	03/15/99		340.61	28.35	312.26	0.73	1.1	2.4	2.2	<50	90		12.5
MW2	06/25/99		340.61	25.20	315.41	<0.5	<0.5	<0.5	<0.5	<50	--	a	--
MW2	09/24/99		340.61	23.93	316.68	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW2	12/22/99		340.61	23.39	317.22	<0.5	<0.5	<0.5	<0.5	<50	<56		--
MW2	03/07/00		340.61	17.08	323.53	<0.5	0.80	<0.5	<0.5	<50	52		--
MW2	06/06/00		340.61	21.01	319.60	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW2	06/16/00		340.61	Property transferred to Valero Refining Company.									
MW2	07/31/00		340.61	22.08	318.53	<0.5	<0.5	<0.5	<0.5	<50	<50		<5
MW2	10/10/00		340.61	22.35	318.26	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW2	01/11/01		340.61	23.74	316.87	0.54	<0.5	<0.5	<0.5	<50	<50		--
MW2	04/11/01		340.61	22.34	318.27	<0.5	1.4	<0.5	<0.5	<50	760	e	--
MW2	07/20/01		340.61	23.74	316.87	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW2	10/19/01		340.61	22.68	317.93	<0.5	<0.5	<0.5	<0.5	<50	<50		--
MW2	11/01/01		340.16	Well surveyed in compliance with AB 2886 requirements.									
MW2	01/28/02		340.16	20.79	319.37	<0.50	<0.50	<0.50	<0.50	<50.0	<50.0		--
MW2	04/17/02		340.16	25.52	314.64	<0.5	0.90	<0.50	<0.50	<50.0	<50		4.35
MW2	07/17/02		340.16	28.18	311.98	<0.5	0.6	2.4	2.0	<50.0	<50		10.3
MW2	10/24/02		340.16	28.42	311.74	<0.5	<0.5	<0.5	<0.5	<50.0	<50		9.30
MW2	03/21/03		340.16	23.54	316.62	1.10	0.5	1.3	2.2	<50.0	<50		<0.50
MW2	04/10/03		340.16	28.19	311.97	0.60	0.5	0.8	1.0	<50.0	<50		2.10
MW2	07/17/03		340.16	24.13	316.03	<0.50	<0.5	<0.5	<0.5	<50.0	<50		<0.50
MW2	10/09/03		340.16	26.21	313.95	<0.50	<0.5	<0.5	<0.5	<50.0	90		0.60
MW2	01/21/04		340.16	22.40	317.76	0.50	<0.5	<0.5	<0.5	<50.0	<50		<0.50
MW2	05/25/04		340.16	25.17	314.99	<0.50	<0.5	0.8	1.3	<50.0	<50		1.8
MW2	08/26/04		340.16	27.56	312.60	<0.50	<0.5	<0.5	<0.5	<50.0	<50		<0.50
MW2	12/07/04	j	340.16	25.36	314.80	<0.50	<0.5	<0.5	<0.5	<50.0	<50		8.6
MW2	03/17/05		340.16	20.28	319.88	<0.50	<0.5	<0.5	<0.5	57.8	<50		1.10
MW2	06/20/05		340.16	23.48	316.68	<0.50	<0.5	<0.5	1.0	<50.0	<53		<0.50
MW2	09/20/05		340.16	23.11	317.05	<0.50	<0.50	<0.50	<0.50	<50.0	<50.0		2.31

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW2	12/22/05	340.16	23.96	316.20	<0.50	<0.50	<0.50	<0.50	<50.0	<50.0	<0.500
MW2	03/23/06	340.16	21.11	319.05	<0.50	<0.50	<0.50	<0.50	<50	<47	1.82
MW2	05/30/06	340.16	20.15	320.01	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50
MW2	09/18/06	340.16	22.51	317.65	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500
MW2	12/11/06	340.16	24.80	315.36	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50
MW2	02/20/07	340.16	25.41	314.75	<0.50	0.57	<0.50	2.06	<50.0	<47	<0.500
MW2	05/03/07	340.16	20.64	319.52	2.0	<0.50	1.2	1.8	<50	<47	1.6
MW2	08/02/07	340.16	20.81	319.35	<0.50	<0.50	<0.50	4.1	53	<48	<0.50
MW2	12/19/07	340.16	22.70	317.46	<1.00	<1.00	<1.00	<3.00	<100	<94.3	<0.500
MW2	03/17/08	340.16	20.04	320.12	<0.50	<0.50	<0.50	<0.50	<50.0	79.5	<0.500
MW2	05/30/08	340.16	21.20	318.96	<0.50 o	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500
MW3	11/17/98	342.95	36.58	306.37	<0.5	<0.5	<0.5	<0.5	<50	120	220
MW3	03/15/99	342.95	40.01	302.94	<0.5	<0.5	<0.5	<0.5	<50	180	314
MW3	06/25/99	342.95	46.83	296.12	<0.5	<0.5	<0.5	<0.5	<50	--	a 113
MW3	09/24/99	342.95	47.71	295.24	--	--	--	--	--	--	--
MW3	12/22/99	342.95	43.82	299.13	<0.5	<0.5	<0.5	<0.5	<50	140	--
MW3	03/07/00	342.95	32.75	310.20	<0.5	0.88	<0.5	<0.5	<50	<50	--
MW3	06/06/00	342.95	36.05	306.90	<0.5	<0.5	0.82	<0.5	<50	<50	--
MW3	06/16/00	342.95	Property transferred to Valero Refining Company.								
MW3	07/31/00	342.95	36.77	306.18	<0.5	<0.5	<0.5	<0.5	<50	<50	160
MW3	10/10/00	342.95	35.82	307.13	<0.5	<0.5	<0.5	<0.5	<50	<50	--
MW3	01/11/01	342.95	38.08	304.87	<0.5	<0.5	<0.5	<0.5	<50	<50	230
MW3	04/11/01	342.95	36.03	306.92	<0.5	<0.5	<0.5	<0.5	<50	1,000 e	280
MW3	07/20/01	342.95	36.05	306.90	<0.5	<0.5	<0.5	<0.5	270	<50	190
MW3	10/19/01	342.95	34.58	308.37	<0.5	<0.5	<0.5	<0.5	<50	<50	190
MW3	11/01/01	342.95	Well surveyed in compliance with AB 2886 requirements.								
MW3	01/28/02	342.95	34.96	307.99	<0.50	<0.50	<0.50	<0.50	167	<100	--
MW3	04/17/02	342.95	38.21	304.74	<0.5	<0.50	<0.50	<0.50	194	<50	216
MW3	07/17/02	342.95	-- g	-- g	<0.5 h	<0.5 h	<0.5 h	<0.5 h	163 h	<50 h	198 h
MW3	10/24/02	342.95	38.68	304.27	<0.5	<0.5	<0.5	<0.5	128	<50	183
MW3	03/21/03	342.95	36.50	306.45	<0.50	<0.5	<0.5	<0.5	119	<50	141
MW3	04/10/03	342.95	36.82	306.13	<0.50	<0.5	<0.5	<0.5	119	<53	130
MW3	07/17/03	342.95	37.98	304.97	--	--	--	--	--	--	--
MW3	07/18/03	342.95	--	--	<0.50	<0.5	<0.5	<0.5	142	<50	123
MW3	10/09/03	342.95	38.5	304.45	<0.50	<0.5	<0.5	<0.5	120	<50	147

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date		Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d		MTBE	
MW3	01/21/04		342.95	35.45	307.50	<0.50	<0.5	<0.5	<0.5	90.6	94		148	
MW3	05/25/04		342.95	38.07	304.88	<0.50	<0.5	<0.5	<0.5	139	<0.50		146	
MW3	08/26/04		342.95	36.00	306.95	<0.50	<0.5	<0.5	<0.5	163	112		165	
MW3	12/07/04	j	342.95	37.97	304.98	<0.50	<0.5	<0.5	<0.5	174	<50		186	
MW3	03/17/05		342.95	31.44	311.51	<0.50	<0.5	<0.5	<0.5	516	<50		740	
MW3	06/20/05		342.95	37.29	305.66	<0.50	<0.5	<0.5	0.5	134	<50		241	
MW3	09/20/05		342.95	36.11	306.84	<0.50	<0.50	<0.50	<0.50	129	72.3e	e	125	
MW3	12/22/05		342.95	34.52	308.43	<0.50	<0.50	<0.50	<0.50	87.5	<50.0		92.9	
MW3	03/23/06		342.95	32.04	310.91	<0.50	<0.50	<0.50	<0.50	63d	<47		72.0	
MW3	05/30/06		342.95	32.57	310.38	<0.50	<0.50	<0.50	<0.50	<50	120.0	k,d	44	
MW3	09/18/06		342.95	34.62	308.33	<0.50	<0.50	<0.50	<0.50	<50.0	102k		53.8	
MW3	12/11/06		342.95	34.48	308.47	<0.50	<0.50	<0.50	<0.50	<50	<47		54	
MW3	02/20/07		342.95	31.58	311.37	<0.50	<0.50	<0.50	<0.50	<50.0	<47		38.5	
MW3	05/03/07		342.95	30.54	312.41	<0.50	<0.50	<0.50	<0.50	<50	<47		55	
MW3	08/02/07		342.95	40.50	302.45	<0.50	<0.50	<0.50	<0.50	59d	<48		57	
MW3	12/19/07		342.95	37.81	305.14	<1.00	<1.00	<1.00	<3.00	<100	<94.3		39.7	
MW3	03/17/08		342.95	37.95	305.00	<0.50	<0.50	<0.50	<0.50	50.7	72.6		49.3	
MW3	05/30/08		342.95	38.61	304.34	<0.50	<0.50	<0.50	<0.50	86.6	<47.2		37.4	
MW4	11/17/98		342.96	50.20	292.76	<0.5	<0.5	<0.5	<0.5	<50	72		3.5	
MW4	03/15/99		342.96	47.93	295.03	<0.5	<0.5	<0.5	<0.5	<50	91		260	
MW4	06/25/99	b	342.96	48.15	294.81	--	--	--	--	--	--		--	
MW4	09/24/99	b	342.96	49.29	293.67	--	--	--	--	--	--		--	
MW4	12/22/99		342.96	49.33	293.63	--	--	--	--	--	--	b	--	
MW4	03/07/00		342.96	49.05	293.91	<0.5	0.84	<0.5	<0.5	<50	190		--	
MW4	06/06/00		342.96	49.02	293.94	<0.5	<0.5	<0.5	<0.5	<50	110		--	
MW4	06/16/00		342.96	Property transferred to Valero Refining Company.										
MW4	07/31/00		342.96	49.13	293.83	<0.5	<0.5	<0.5	<0.5	<50	<50		490	
MW4	10/10/00		342.96	40.08	302.88	-- c	-- c	-- c	-- c	-- c	-- c	c	-- c	
MW4	01/11/01		342.96	36.41	306.55	<0.5	<0.5	<0.5	<0.5	<50	110		21	
MW4	04/11/01		342.96	36.43	306.53	<0.5	0.56	<0.5	<0.5	<50	870e		14	
MW4	07/20/01		342.96	--	--	--	--	--	--	--	--		--	
MW4	10/19/01		342.96	33.67	309.29	<0.5	<0.5	<0.5	<0.5	<50	71		16	
MW4	11/01/01		342.96	Well surveyed in compliance with AB 2886 requirements.										
MW4	01/28/02		342.96	33.11	309.85	<0.50	<0.50	<0.50	<0.50	<50.0	148		--	
MW4	04/17/02		342.96	36.03	306.93	<0.5	<0.50	<0.50	<0.50	<50.0	<50		23.4	

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW4	07/17/02	342.96	37.65	305.31	<0.5	<0.5	<0.5	<0.5	<50.0	<50	15.8
MW4	10/24/02	342.96	37.41	305.55	<0.5	<0.5	<0.5	<0.5	<50.0	<50	8.90
MW4	03/21/03	342.96	36.18	306.78	<0.50	<0.5	<0.5	<0.5	<50.0	<56	14.2
MW4	04/10/03	342.96	36.55	306.41	<0.50	<0.5	<0.5	<0.5	<50.0	<51	15.3
MW4	07/17/03	342.96	36.45	306.51	<0.50	<0.5	<0.5	<0.5	<50.0	<50	11.4
MW4	10/09/03	342.96	37.7	305.26	<0.50	<0.5	<0.5	<0.5	<50.0	<50	6.90
MW4	01/21/04	342.96	35.78	307.18	<0.50	<0.5	<0.5	<0.5	<50.0	<50	9.40
MW4	05/25/04	342.96	35.88	307.08	<0.50	<0.5	<0.5	<0.5	<50.0	<50	14.40
MW4	08/26/04	342.96	-- i	-- i	<0.50 i	<0.5 i	<0.5 i	<0.5 i	<50.0 i	<50 i	11.10 i
MW4	12/07/04 j	342.96	35.65	307.31	-- f	-- f	-- f	-- f	-- f	-- f	-- f
MW4	03/17/05	342.96	29.34	313.62	<0.50	<0.5	<0.5	<0.5	<50.0	67k	63.0
MW4	06/20/05	342.96	34.61	308.35	<0.50	<0.5	<0.5	<0.5	70.4	<50	116
MW4	09/20/05	342.96	33.73	309.23	<0.50	<0.50	<0.50	<0.50	71.2	159 k	87.4
MW4	12/22/05	342.96	31.99	310.97	<0.50	<0.50	<0.50	<0.50	74.9	<50.0	78.9
MW4	03/23/06	342.96	31.63	311.33	<0.50	<0.50	<0.50	<0.50	53d	<47	57.1
MW4	05/30/06	342.96	30.87	312.09	<0.50	<0.50	<0.50	<0.50	<50	<47	45
MW4	09/18/06	342.96	32.81	310.15	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	20.4
MW4	12/11/06	342.96	37.54	305.42	<0.50	<0.50	<0.50	<0.50	<50	<47	32
MW4	02/20/07	342.96	37.86	305.10	-- f	-- f	-- f	-- f	-- f	-- f	-- f
MW4	05/03/07	342.96	38.52	304.44	1	<0.50	1	1.4	<50	<47	30
MW4	08/02/07	342.96	35.74	307.22	<0.50	<0.50	<0.50	<0.50	<50	<48	23
MW4	12/19/07	342.96	40.40	302.56	<1.00	<1.00	<1.00	<3.00	<100	<94.3	15.9
MW4	03/17/08	342.96	40.10	302.86	<0.50	<0.50	<0.50	<0.50	<50.0	82.5	16.2
MW4	05/30/08	342.96	39.07	303.89	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	13.0
MW5	06/16/00	342.87	Property transferred to Valero Refining Company.								
MW5	07/31/00 b	342.87	--	--	--	--	--	--	--	--	--
MW5	10/10/00	342.87	29.12	313.75	<0.5	<0.5	<0.5	<0.5	<50	150	--
MW5	01/11/01	342.87	28.89	313.98	-- b	-- b	-- b	-- b	-- b	-- b	-- b
MW5	04/11/01	342.87	28.23	314.64	-- b	-- b	-- b	-- b	-- b	-- b	-- b
MW5	07/20/01 f	342.87	--	--	--	--	--	--	--	--	--
MW5	10/19/01	342.87	27.62	315.25	<0.5	<0.5	<0.5	<0.5	<50	86	5
MW5	11/01/01	342.87	Well surveyed in compliance with AB 2886 requirements.								
MW5	01/28/02	342.87	28.04	314.83	<0.50	<0.50	<0.50	<0.50	<50.0	<100	--
MW5	04/17/02	342.87	29.10	313.77	<0.5	<0.50	<0.50	<0.50	<50.0	85	6.7
MW5	07/17/02	342.87	29.37	313.50	-- b	-- b	-- b	-- b	-- b	-- b	-- b

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW5	10/24/02	342.87	29.36	313.51	-- b	-- b	-- b	-- b	-- b	-- b	-- b
MW5	03/21/03	342.87	28.55	314.32	2.50	1.0	3.5	5.9	57.8	b	8.70
MW5	04/10/03	342.87	29.10	313.77	5.50	3.0	2.9	4.3	56.1	b	7.20
MW5	07/17/03	342.87	28.91	313.96	1.00	<0.50	0.7	1.2	<0.50	b	12.0
MW5	10/09/03	342.87	29.17	313.70	<0.50	<0.5	<0.5	<0.5	<50.0	<100	4.50
MW5	01/21/04	342.87	28.75	314.12	1.30	1.40	<0.5	2.4	<50.0	<50	4.00
MW5	05/25/04	342.87	28.95	313.92	0.70	0.7	1.8	2.9	<50.0	--	2.90
MW5	08/26/04	342.87	-- i	-- i	<0.50 i	<0.5 i	<0.5 i	<0.5 i	<50.0 i	<50 i	5.2 i
MW5	12/07/04 j	342.87	28.29	314.58	0.70	<0.5	0.5	1.6	<50.0	106 k,l	2.00
MW5	03/17/05	342.87	26.39	316.48	<0.50	<0.5	<0.5	<0.5	<50.0	143 k,l	4.40
MW5	06/20/05	342.87	28.01	314.86	<0.50	<0.5	<0.5	0.5	<50.0	<59	13.0
MW5	09/20/05	342.87	28.61	314.26	<0.50	<0.50	<0.50	<0.50	75.3	1,730 k,l	6.38
MW5	12/22/05	342.87	28.67	314.20	4.95	4.69	2.34	39.0	104	70.3 k,l	9.00
MW5	03/23/06	342.87	28.03	314.84	<0.50	<0.50	<0.50	<0.50	<50	140 k,l	18.5
MW5	05/30/06	342.87	26.91	315.96	<0.50	<0.50	<0.50	0.75	<50	130 k,d	28
MW5	09/18/06	342.87	29.04	313.83	<0.50	<0.50	<0.50	<0.50	<50.0	120 k	14.7
MW5	12/11/06	342.87	28.72	314.15	3.6	<0.50	2.8	3.0	54	-- b	26
MW5	02/20/07	342.87	28.94	313.93	0.53	0.94	0.77	4.18	<50.0	<47	11.5
MW5	05/03/07	342.87	28.05	314.82	<0.50	<0.50	<0.50	<0.50	<50	190 k,l	12
MW5	08/02/07	342.87	27.71	315.16	<0.50	<0.50	<0.50	<0.50	<50	79 k	6.3
MW5	12/19/07	342.87	27.49	315.38	<1.00	<1.00	<1.00	<3.00	<100	<94.3	7.70
MW5	03/17/08	342.87	27.07	315.80	<0.50	<0.50	<0.50	<0.50	<50.0	131	3.70
MW5	05/30/08	342.87	24.49	318.38	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	2.44
MW6	06/16/00	341.05	Property transferred to Valero Refining Company.								
MW6	07/31/00	341.05	39.72	301.33	<0.5	<0.5	<0.5	<0.5	<50	<50	<5
MW6	10/10/00	341.05	40.12	300.93	c	c	c	c	c	<50	--
MW6	01/11/01	341.05	46.13	294.92	<0.5	<0.5	<0.5	<0.5	<50	<50	--
MW6	04/11/01	341.05	45.40	295.65	-- b	-- b	-- b	-- b	-- b	-- b	--
MW6	07/20/01	341.05	41.75	299.30	<0.3	<0.3	<0.6	<0.6	<50	<50	--
MW6	10/19/01	341.05	44.10	296.95	<0.5	<0.5	<0.5	<0.5	<50	<50	--
MW6	11/01/01	341.05	Well surveyed in compliance with AB 2886 requirements.								
MW6	01/28/02	341.05	39.57	301.48	<0.50	<0.90	<0.50	<0.50	<50.0	<100	--
MW6	04/17/02	341.05	41.84	299.21	<0.5	<0.50	<0.50	<0.50	<50.0	52	--
MW6	07/17/02	341.05	42.85	298.20	<0.5	<0.5	<0.5	<0.5	<50.0	<50	--
MW6	10/24/02	341.05	42.10	298.95	<0.5	<0.5	<0.5	<0.5	<50.0	<50	--

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW6	03/21/03	341.05	44.81	296.24	<0.50	<0.5	<0.5	<0.5	<50.0	107	--
MW6	04/10/03	341.05	44.28	296.77	<0.50	<0.5	<0.5	<0.5	<50.0	60	0.80
MW6	07/17/03	341.05	41.56	299.49	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50
MW6	10/09/03	341.05	41.54	299.51	<0.50	<0.5	<0.5	<0.5	<50.0	452	0.60
MW6	01/21/04	341.05	38.20	302.85	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50
MW6	05/25/04	341.05	40.35	300.70	<0.50	<0.5	<0.5	<0.5	<50.0	<50	<0.50
MW6	08/26/04	341.05	-- i	-- i	2.10 i	0.9 i	0.8 i	2.90 i	<50.0 i	314 i	1.00 i
MW6	12/07/04 j,m	341.05	--	--	--	--	--	--	--	--	--
MW6	03/17/05	341.05	37.44	303.61	<0.50	<0.5	<0.5	<0.5	<50.0	<50	0.60
MW6	06/20/05	341.05	40.42	300.63	<0.50	<0.5	<0.5	<0.5	<50.0	<50	0.60
MW6	09/20/05	341.05	38.00	303.05	<0.50	<0.50	<0.50	<0.50	<50.0	117 k	0.570
MW6	12/22/05	341.05	37.55	303.50	0.86	1.39	<0.50	<0.50	<50.0	331 k	<0.500
MW6	03/23/06	341.05	35.72	305.33	<0.50	<0.50	<0.50	<0.50	<50	<47	<1.00
MW6	05/30/06	341.05	33.52	307.53	1.6	0.59	0.77	1.2	<50	<47	0.88
MW6	09/18/06	341.05	38.05	303.00	<0.50	<0.50	<0.50	<0.50	<50.0	80.0 k	0.560
MW6	12/11/06	341.05	37.04	304.01	<0.50	<0.50	<0.50	<0.50	<50	<47	0.76
MW6	02/20/07	341.05	38.01	303.04	<0.50	<0.50	<0.50	<0.50	<50.0	<47	0.510
MW6	05/03/07	341.05	36.78	304.27	<0.50	<0.50	<0.50	<0.50	<50	<47	0.72
MW6	08/02/07	341.05	42.05	299.00	<0.50	<0.50	<0.50	<0.50	<50	<47	0.65
MW6	12/19/07	341.05	38.75	302.30	<1.00	<1.00	<1.00	<3.00	<100	<94.3	<0.500
MW6	03/17/08	341.05	38.45	302.60	<0.50	<0.50	<0.50	<0.50	<50.0	185	<0.500
MW6	05/30/08	341.05	37.51	303.54	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500
MW7	06/16/00	341.73	Property transferred to Valero Refining Company.								
MW7	07/31/00	341.73	24.22	317.51	<0.5	<0.5	<0.5	<0.5	<50	150	8
MW7	10/10/00	341.73	24.09	317.64	-- c	-- c	-- c	-- c	-- c	1,500	-- c
MW7	01/11/01	341.73	25.86	315.87	0.55	<0.5	<0.5	<0.5	<50	330	7
MW7	04/11/01	341.73	24.28	317.45	<2.5	<2.5	<2.5	<2.5	<250	980 e	--
MW7	07/20/01	341.73	25.52	316.21	<0.5	<0.5	<0.5	<0.5	<50	300	6
MW7	10/19/01	341.73	24.99	316.74	<0.5	<0.5	<0.5	<0.5	<50	120	<5
MW7	11/01/01	341.73	Well surveyed in compliance with AB 2886 requirements.								
MW7	01/28/02	341.73	23.84	317.89	<0.50	<0.50	<0.50	<0.50	<50.0	<100	--
MW7	04/17/02	341.73	28.19	313.54	<0.5	2.10	<0.50	<0.50	<50.0	55	11.6
MW7	07/17/02	341.73	29.74	311.99	<0.5	<0.5	<0.5	<0.5	<50.0	69	9.0
MW7	10/24/02	341.73	29.50	312.23	<0.5	<0.5	<0.5	<0.5	<50.0	262	6.0
MW7	03/21/03	341.73	26.07	315.66	<0.50	0.8	<0.5	<0.5	<50.0	<50	--

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date		Reference Elevation (feet)	Depth to Water (feet)		Groundwater Elevation (feet)		Concentration (µg/L) Benzene		Toluene		Ethyl-benzene		Total Xylenes		TPH-g		TPH-d		MTBE	
MW7	04/10/03		341.73	26.06		315.67		<0.50		<0.5		<0.5		<0.5		<50.0		<50		9.00	
MW7	07/17/03		341.73	27.18		314.55		<0.50		<0.5		<0.5		<0.5		<50.0		<50		9.10	
MW7	10/09/03		341.73	28.27		313.46		<0.50		<0.5		<0.5		<0.5		<50.0		<50		5.60	
MW7	01/21/04		341.73	24.51		317.22		<0.50		<0.5		<0.5		<0.5		<50.0		140		17.6	
MW7	05/25/04		341.73	28.87		312.86		<0.50		<0.5		<0.5		<0.5		<50.0		--		13.10	
MW7	08/26/04		341.73	--	i	--	i	<0.50	i	<0.5	i	<0.5	i	<0.5	i	<50.0	i	322	i	19.9	i
MW7	12/07/04	j	341.73	27.68		314.05		<0.50		<0.5		<0.5		<0.5		<50.0		469k		5.30	
MW7	03/17/05		341.73	22.80		318.93		<0.50		<0.5		<0.5		<0.5		<50.0		131k		16.5	
MW7	06/20/05		341.73	26.73		315.00		<0.50		<0.5		<0.5		<0.5		<50.0		68k		11.1	
MW7	09/20/05		341.73	24.28		317.45		<50.0	n	<50.0	n	<50.0	n	<50.0	n	<5,000	n	4,690	k	<0.500	
MW7	12/22/05		341.73	24.54		317.19		<0.50		0.76		<0.50		0.64		<50.0		799	k	<0.500	
MW7	03/23/06		341.73	22.46		319.27		<0.50		<0.50		<0.50		<0.50		<50		190	k	<1.00	
MW7	05/30/06		341.73	21.86		319.87		<0.50		<0.50		<0.50		<0.50		<50		<48		2.7	
MW7	09/18/06		341.73	24.35		317.38		<0.50		<0.50		<0.50		<0.50		<50.0		140	k	5.97	
MW7	12/11/06		341.73	26.01		315.72		<0.50		<0.50		<0.50		<0.50		<50		<47		8.1	
MW7	02/20/07		341.73	24.46		317.27		<0.50		<0.50		<0.50		0.76		<50.0		<47		4.89	
MW7	05/03/07		341.73	22.11		319.62		<0.50		<0.50		<0.50		<0.50		<50		62	k,l	5.4	
MW7	08/02/07		341.73	22.83		318.90		<0.50		<0.50		<0.50		<0.50		<50		--		5.9	
MW7	12/19/07		341.73	24.59		317.14		<1.00		<1.00		<1.00		<3.00		<100		<94.3		3.22	
MW7	03/17/08		341.73	21.31		320.42		<0.50		<0.50		<0.50		<0.50		<50.0		80.3		2.64	
MW7	05/30/08		341.73	21.82		319.91		<0.50		<0.50		<0.50		<0.50		<50.0		<47.2		3.29	
MW8	06/16/00		341.44	Property transferred to Valero Refining Company.																	
MW8	10/10/00 - 08/26/04			Well dry.																	
MW8	12/07/04	h, j	341.44	65.15		276.29		<0.50		<0.5		<0.5		<0.5		<50.0		--	b	2.40	
MW8	03/17/05		341.44	59.75		281.69		<0.50		<0.5		<0.5		<0.5		<50.0		<50		<0.50	
MW8	06/20/05		341.44	55.15		286.29		<0.50		<0.5		<0.5		<0.5		<50.0		<50		<0.50	
MW8	09/20/05		341.44	55.39		286.05		<0.50		<0.50		<0.50		0.52		<50.0		229	k	<0.500	
MW8	12/22/05		341.44	51.96		289.48		<0.50		<0.50		<0.50		<0.50		<50.0		<50.0		<0.500	
MW8	03/23/06		341.44	46.63		294.81		1.4		<0.50		0.83		<0.50		<50		100	k	<1.00	
MW8	05/30/06		341.44	43.09		298.35		<0.50		<0.50		<0.50		<0.50		<50		70	k	0.66	
MW8	09/18/06		341.44	44.87		296.57		<0.50		<0.50		<0.50		<0.50		<50.0		<47.2		<0.500	
MW8	12/11/06		341.44	43.55		297.89		<0.50		<0.50		<0.50		<0.50		<50		<47		<0.50	
MW8	02/20/07		341.44	38.48		302.96		<0.50		<0.50		<0.50		0.54		<50.0		57	k	<0.500	
MW8	05/03/07		341.44	37.23		304.21		<0.50		<0.50		<0.50		<0.50		<50		<47		<0.50	

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)						
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW8	08/02/07	341.44	42.58	298.86	<0.50	<0.50	<0.50	<0.50	<50	<47	<0.50
MW8	12/19/07	341.44	39.23	302.21	<1.00	<1.00	<1.00	<3.00	<100	<95.2	<0.500
MW8	03/17/08	341.44	38.90	302.54	<0.50	<0.50	<0.50	<0.50	<50.0	72.0	<0.500
MW8	05/30/08	341.44	37.95	303.49	<0.50	<0.50	<0.50	<0.50	<50.0	<47.2	<0.500

Notes: Data through 2 August 2007 provided by Environmental Resolutions, Inc.
BTEX analyzed using EPA Method 8021B.
TPH-g analyzed using modified EPA Method 5030/8015/8015B.
TPH-d analyzed using modified EPA Method 8015/8015B.

a No result because of sample loss during laboratory fire.
b Not enough water to gauge and/or sample.
c Samples were damaged during transportation to laboratory.
d Result elevated due to single analyte peak in quantitation range.
e Diesel-range hydrocarbons detected in bailer blank; result is suspect.
f Well inaccessible.
g Depth to water was not measured due to equipment failure.
h Grab sample.
i Groundwater elevation data invalidated; analytical results suspect.
j Incorrect date recorded on the chain-of-custody form and/or laboratory analytical report. The correct date is shown.
k Diesel-range organic compounds reported in sample; however, chromatogram pattern is not representative of diesel fuel.
l Analyte detected in laboratory method blank; result is suspect.
m Incorrect well monitored and sampled. Results invalidated.
n Elevated reporting limit used due to sample matrix effects.
o The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

BTEX Benzene, toluene, ethylbenzene, and total xylenes.
MTBE Methyl tertiary butyl ether.
TPH-d Total Petroleum Hydrocarbons as diesel.
TPH-g Total Petroleum Hydrocarbons as gasoline.

µg/L Micrograms per liter.
-- Not analyzed/not applicable/not sampled/not measured.

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date		Concentration (µg/L) ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
MW1	11/17/98 - 06/16/00		Not analyzed for these analytes.						
MW1	07/31/00		<10	<10	<500	<5	<5	<10	--
MW1	10/10/00 - 10/24/02		Not analyzed for these analytes.						
MW1	03/21/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	04/10/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	07/17/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	10/09/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	01/21/04		<0.50	2.20	57.9	<0.50	<0.50	<0.50	--
MW1	05/25/04		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW1	08/26/04		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW1	12/07/04	d	<0.50	2.00	49.6	<0.50	<0.50	<0.50	--
MW1	03/17/05		<0.50	7.60	201	<0.50	<0.50	<0.50	--
MW1	06/20/05		<0.50	<0.50	135	<0.50	<0.50	<0.50	--
MW1	09/20/05		<0.500	<0.500	30.6	<0.500	<0.500	<0.500	--
MW1	12/22/05		<0.500	<0.500	114	<0.500	<0.500	<0.500	--
MW1	03/23/06		<1.00	<1.00	93.8	<1.00	<1.00	<1.00	<100
MW1	05/30/06		<0.50	<0.50	31	<0.50	<0.50	<0.50	<100
MW1	09/18/06		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW1	12/11/06		<0.50	<0.50	59	<0.50	<0.50	<0.50	--
MW1	02/20/07		<0.500	<0.500	26.2	<0.500	<0.500	<0.500	--
MW1	05/03/07		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	08/02/07		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW1	12/19/07		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW1	03/17/08		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW1	05/30/08		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW2	11/17/98 - 06/16/00		Not analyzed for these analytes.						
MW2	07/31/00		<10	<10	<500	<5	<5	<10	--
MW2	10/10/00 - 10/24/02		Not analyzed for these analytes.						

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date		Concentration (µg/L) ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
MW2	03/21/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW2	04/10/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW2	07/17/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW2	10/09/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW2	01/21/04		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW2	05/25/04		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW2	08/26/04		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW2	12/07/04	d	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW2	03/17/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW2	06/20/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW2	09/20/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW2	12/22/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW2	03/23/06		<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<100
MW2	05/30/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW2	09/18/06		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW2	12/11/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	--
MW2	02/20/07		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW2	05/03/07		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW2	08/02/07		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW2	12/19/07		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW2	03/17/08		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW2	05/30/08		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW3	11/17/98 - 06/16/00		Not analyzed for these analytes.						
MW3	07/31/00		<10	<10	<500	<5	<5	<10	--
MW3	10/10/00 - 10/24/02		Not analyzed for these analytes.						
MW3	03/21/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	04/10/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	07/17/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	07/18/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	10/09/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date		Concentration (µg/L) ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
MW3	01/21/04		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW3	05/25/04		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW3	08/26/04		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW3	12/07/04	d	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW3	03/17/05		<0.50	<0.50	22.7	<0.50	<0.50	<0.50	--
MW3	06/20/05		<0.50	<0.50	13.3	<0.50	<0.50	<0.50	--
MW3	09/20/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW3	12/22/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW3	03/23/06		<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	--
MW3	05/30/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW3	09/18/06		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW3	12/11/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	--
MW3	02/20/07		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW3	05/03/07		<0.50	<0.50	47	<0.50	<0.50	<0.50	--
MW3	08/02/07		<0.50	<0.50	870	<0.50	<0.50	<0.50	--
MW3	12/19/07		<0.500	<0.500	414	<0.500	<0.500	<0.500	--
MW3	03/17/08		<0.500	<0.500	272	<0.500	<0.500	<0.500	--
MW3	05/30/08		<0.500	<0.500	371	<0.500	<0.500	<0.500	--
MW4	11/17/98 - 06/16/00		Not analyzed for these analytes.						
MW4	07/31/00		<10	<10	<500	<5	<5	<10	--
MW4	10/10/00 - 10/24/02		Not analyzed for these analytes.						
MW4	03/21/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	04/10/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	07/17/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	10/09/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	01/21/04		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW4	05/25/04		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW4	08/26/04		<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	--
MW4	12/07/04	a,d	--	--	--	--	--	--	--
MW4	03/17/05		<0.50	0.70	<10.0	<0.50	<0.50	<0.50	--

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date		Concentration (µg/L) ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
MW4	06/20/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW4	09/20/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW4	12/22/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW4	03/23/06		<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	--
MW4	05/30/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW4	09/18/06		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW4	12/11/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	--
MW4	02/20/07	a	--	--	--	--	--	--	--
MW4	05/03/07		<0.50	<0.50	26	<0.50	<0.50	<0.50	--
MW4	08/02/07		<0.50	<0.50	11	<0.50	<0.50	<0.50	--
MW4	12/19/07		<0.500	<0.500	27.0	<0.500	<0.500	<0.500	--
MW4	03/17/08		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW4	05/30/08		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW5	06/16/00		--	--	--	--	--	--	--
MW5	07/31/00		<10	<10	<500	<5	<5	<10	--
MW5	10/10/00 - 10/24/02		Not analyzed for these analytes.						
MW5	03/21/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW5	04/10/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW5	07/17/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW5	10/09/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW5	01/21/04		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW5	05/25/04		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW5	08/26/04		<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	--
MW5	12/07/04	d	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW5	03/17/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW5	06/20/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW5	09/20/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW5	12/22/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW5	03/23/06		<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	--
MW5	05/30/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW5	09/18/06		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L) ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
MW5	12/11/06	<0.50	<0.50	25	<0.50	<0.50	<0.50	--
MW5	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW5	05/03/07	<0.50	<0.50	13	<0.50	<0.50	<0.50	--
MW5	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW5	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW5	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW5	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW6	06/16/00	--	--	--	--	--	--	--
MW6	07/31/00	<10	<10	<500	<5	<5	<10	--
MW6	10/10/00 - 10/24/02	Not analyzed for these analytes.						
MW6	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW6	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW6	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW6	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW6	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW6	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW6	08/26/04	<0.50 c	<0.50 c	<10.0 c	<0.50 c	<0.50 c	<0.50 c	--
MW6	12/07/04 d,e	--	--	--	--	--	--	--
MW6	03/17/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW6	06/20/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW6	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW6	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW6	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	--
MW6	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW6	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW6	12/11/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	--
MW6	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW6	05/03/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW6	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW6	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW6	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date		Concentration (µg/L) ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
MW6	05/30/08		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW7	06/16/00 - 10/24/02		Not analyzed for these analytes.						
MW7	03/21/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW7	04/10/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW7	07/17/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW7	10/09/03		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW7	01/21/04		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW7	05/25/04		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW7	08/26/04		<0.50c	<0.50c	<10.0c	<0.50c	<0.50c	<0.50c	--
MW7	12/07/04	d	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW7	03/17/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW7	06/20/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW7	09/20/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW7	12/22/05		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW7	03/23/06		<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<100
MW7	05/30/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW7	09/18/06		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW7	12/11/06		<0.50	<0.50	<12	<0.50	<0.50	<0.50	--
MW7	02/20/07		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW7	05/03/07		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW7	08/02/07		<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW7	12/19/07		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW7	03/17/08		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW7	05/30/08		<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	07/31/00		<10	<10	<500	<5	<5	<10	--
MW8	10/10/00 - 08/26/04		Well dry.						
MW8	12/07/04	b,d	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW8	03/17/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--
MW8	06/20/05		<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	--

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES, FORMER EXXON RS 73567
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Well Number	Date	Concentration (µg/L)						
		ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
MW8	09/20/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	12/22/05	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	03/23/06	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<100
MW8	05/30/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	<100
MW8	09/18/06	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	12/11/06	<0.50	<0.50	<12	<0.50	<0.50	<0.50	--
MW8	02/20/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	05/03/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW8	08/02/07	<0.50	<0.50	<10	<0.50	<0.50	<0.50	--
MW8	12/19/07	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	03/17/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--
MW8	05/30/08	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	--

Notes: Data through 2 August 2007 provided by Environmental Resolutions, Inc.
All samples analyzed by EPA Method 8260B unless otherwise specified.

a Well inaccessible.
b Grab sample.
c Groundwater elevation data invalidated; analytical results suspect.
d Incorrect date recorded on the chain-of-custody form and/or laboratory analytical report. The correct date is shown.
e Incorrect well monitored and sampled. Results invalidated.

1,2-DCA 1,2-dichloroethane.
DIPE Diisopropyl ether.
EDB 1,2-dibromoethane.
ETBE Ethyl tertiary butyl ether.
TAME Tertiary amyl methyl ether.
TBA Tertiary butyl alcohol.

µg/L Micrograms per liter.
-- Not analyzed/not applicable/not sampled/not measured.

TABLE 4 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 73567,
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (feet bgs)	Concentration (mg/kg) Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d
UST Replacement								
S-13-T1E	12/20/88	13	3.08	10.06	3.33	26.52	169	--
S-13-T1W	12/20/88	13	0.42	0.39	0.33	0.61	16	--
S-13-T2E	12/20/88	13	0.70	0.69	0.26	1.70	8	--
S-13-T2W	12/20/88	13	0.96	0.92	2.85	17.03	117	--
S-13-T3E	12/20/88	13	0.72	1.02	1.02	3.95	19	--
S-13-T3W	12/20/88	13	18	78	116	803	2,901	--
S-16-T1E	12/30/88	16	<0.05	<0.05	<0.05	<0.05	<2	--
S-14-T2W	12/30/88	14	<0.05	<0.05	<0.05	<0.05	<2	--
S-17-T3W	12/30/88	17	<0.05	<0.05	<0.05	<0.05	<2	--
Monitoring Well Installation								
S-10-B1	11/11/98	10	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0
S-15-B1	11/11/98	15	<0.005	<0.005	<0.005	<0.005	<1.0	5.3
S-35-B1	11/11/98	35	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0
S-15-B2	11/11/98	15	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0
S-35-B2	11/11/98	35	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0
S-15-B3	11/12/98	15	<0.005	<0.005	<0.005	<0.005	<1.0	1.3
S-25-B3	11/12/98	25	<0.005	<0.005	<0.005	<0.005	<1.0	19
S-15-B4	11/12/98	15	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0
S-25-B4	11/12/98	25	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0
S-16-MW5	07/18/00	16	<0.001	<0.001	<0.001	<0.001	<1	<2
S-30-MW5	07/18/00	30	<0.001	<0.001	<0.001	<0.001	<1	3.8
S-18-MW6	07/19/00	18	<0.001	<0.001	<0.001	<0.001	<1	<2
S-30-MW6	07/19/00	30	<0.001	<0.001	<0.001	<0.001	<1	<2
S-15-MW7	07/18/00	15	<0.001	<0.001	<0.001	<0.001	<1	<2
S-21-MW7	07/18/00	21	<0.001	<0.001	<0.001	0.001	<1	<2
S-15-MW8	03/16/01	15	<0.001	<0.001	<0.001	<0.001	<1	<2
S-30-MW8	03/16/01	30	<0.001	<0.001	<0.001	<0.001	<1	<2
Product Line and Dispenser Replacement								
S-5.5-D1	08/09/02	5.5	<0.0020	<0.0020	<0.0020	<0.0020	<25.0	<9.84
S-6.5-PL1	08/09/02	6.5	<0.0020	<0.0020	<0.0020	<0.0020	<25.0	<9.96

TABLE 4 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (feet bgs)	Concentration (mg/kg) Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d
S-4-PL3	08/09/02	4	<0.0020	<0.0020	<0.0020	<0.0020	<25.0	<9.88
S-5-D5	08/09/02	5	<0.0020	<0.0020	<0.0020	<0.0020	<25.0	<9.96
S-4-PL5	08/09/02	4	<0.0020	<0.0020	<0.0020	<0.0020	<25.0	<9.84
S-4.5-PL7	08/09/02	4.5	<0.0020	<0.0020	<0.0020	<0.0020	<25.0	<10.0
S-5-PL8	08/09/02	5	<0.0020	0.0023	<0.0020	0.0032a	<25.0	<10.0
S-6-PL10	08/09/02	6	<0.0020	<0.0020	<0.0020	<0.0020	<25.0	<9.92
Stockpile Samples								
SP1-1 (1-4)	11/12/98	1	<0.005	<0.005	<0.005	<0.005	<1.0	11
SP-1-1	07/19/00	1	<0.001	<0.001	<0.001	<0.001	<1	<2
SP-1-(1-4)	03/16/01	1	<0.001	<0.001	<0.001	0.001	<1	<2
2008 Investigation								
DP1	01/08/08	5-5.5	<0.00199	<0.00199	<0.00199	<0.00498	<0.0960	7.73
DP1	01/16/08	10-10.5	<0.00195	<0.00195	<0.00195	<0.00488	<4.89	<3.90[c]
DP1	01/16/08	15-15.5	<0.00199	<0.00199	<0.00199	<0.00498	<4.96	<3.84[c]
DP1	01/16/08	19.5-20	0.00193	0.00247	<0.00193	<0.00482	<4.84	<3.91[c]
DP1	01/16/08	25-25.5	<0.00197	<0.00197	<0.00197	<0.00492	<4.91	<3.90[c]
DP1	01/16/08	29.5-30	<0.00193	<0.00193	<0.00193	<0.00483	<4.72	<3.96[c]
DP1	01/16/08	35-35.5	<0.00196	<0.00196	<0.00196	<0.00491	<4.90	<3.96[c]
DP1	01/16/08	39.5-40	<0.00196	<0.00196	<0.00196	<0.00489	<4.87	<3.97[c]
DP1	01/16/08	44.5-45	<0.00200	<0.00200	<0.00200	<0.00500	<4.98	<3.91[c]
DP1	01/16/08	49.5-50	<0.00192	<0.00192	<0.00192	<0.00479	<4.78	<3.95[c]
DP2	01/08/08	5-5.5	<0.00200	<0.00200	<0.00200	<0.00500	<0.0951	<3.94
DP2	02/04/08	9.5-10	<0.00197	<0.00197	<0.00197	<0.00492	<4.94	<3.96[c]
DP2	02/04/08	14.5-15	<0.00200	<0.00200	<0.00200	<0.00500	<4.85	3.98[c]
DP2	02/04/08	19.5-20	<0.00196	<0.00196	<0.00196	<0.00489	<4.87	<3.95[c]
DP2	02/04/08	25-25.5	<0.00193	<0.00193	<0.00193	<0.00482	<4.79	<3.95[c]
DP2	02/04/08	30-30.5	<0.00200	<0.00200	<0.00200	<0.00500	<4.91	<3.90[c]
DP2	02/04/08	35-35.5	<0.00196	<0.00196	<0.00196	<0.00490	<4.97	<3.96[c]
DP2	02/04/08	40-40.5	<0.00198	<0.00198	<0.00198	<0.00495	<4.91	<3.94[c]
DP2	02/04/08	44.5-45	<0.00191	<0.00191	<0.00191	<0.00477	<4.72	<3.90[c]

TABLE 4 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (feet bgs)	Concentration (mg/kg)					
			Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d
DP2	02/05/08	50-50.5	<0.00199	<0.00199	<0.00199	<0.00498	<4.98	<3.98[c]
DP2	02/05/08	54.5-55	<0.00196	<0.00196	<0.00196	<0.00490	<4.91	<3.93[c]
DP2	02/05/08	59.5-60	<0.00198	<0.00198	<0.00198	<0.00496	<4.73	<3.93[c]
DP3	01/09/08	5-5.5	<0.00200	<0.00200	<0.00200	<0.00500	<0.0954	5.80
DP3	02/05/08	10-10.5	<0.00196	<0.00196	<0.00196	<0.00490	<4.89	4.50[c]
DP3	02/05/08	15-15.5	<0.00200	<0.00200	<0.00200	<0.00499	<4.90	<3.90[c]
DP3	02/05/08	20-20.5	<0.00193	0.00194	<0.00193	<0.00482	<4.73	<3.89[c]
DP3	02/05/08	25-25.5	0.0114	0.0161	0.00284	0.00493	<4.88	<3.99[c]
DP3	02/05/08	29.5-30	<0.00198	<0.00198	<0.00198	<0.00494	<4.88	<3.90[c]
DP3	02/05/08	34.5-35	<0.00195	<0.00195	<0.00195	<0.00486	<5.00	4.75[c]
DP3	02/05/08	39.5-40	<0.00193	<0.00193	<0.00193	<0.00483	<4.88	<3.87[c]
DP3	02/06/08	45-45.5	<0.00193	<0.00193	<0.00193	<0.00483	<4.87	<3.96[c]
DP3	02/06/08	49.5-50	<0.00200	<0.00200	<0.00200	<0.00499	<4.87	<3.88[c]
DP3	02/06/08	55-55.5	<0.00199	<0.00199	<0.00199	<0.00497	<4.85	<3.91[c]
DP4	01/09/08	5-5.5	<0.00192	<0.00192	<0.00192	<0.00480	<0.0969	<3.86
DP4	02/12/08	10-10.5	<0.00195	<0.00195	<0.00195	<0.00487	<4.92	5.83
DP4	02/12/08	15-15.5	<0.00200	<0.00200	<0.00200	<0.00500	<4.95	7.01
DP4	02/12/08	20-20.5	<0.00197	<0.00197	<0.00197	<0.00492	<4.87	7.68
DP4	02/12/08	25-25.5	<0.00197	<0.00197	<0.00197	<0.00493	<4.97	8.2
DP4	02/12/08	30-30.5	<0.00196	<0.00196	<0.00196	<0.00489	<4.72	4.54
DP4	02/12/08	35-35.5	<0.00198	<0.00198	<0.00198	<0.00495	<5.00	<3.86
DP4	02/12/08	40.5-41	<0.00189	<0.00189	<0.00189	<0.00472	<4.84	6.31
DP5	01/07/08	5-5.5	<0.00200	<0.00200	<0.00200	<0.00499	<0.00998	<3.87
DP5	01/09/08	10-10.5	<0.00197	<0.00197	<0.00197	<0.00493	<0.0956	6.29
DP5	01/09/08	15-15.5	<0.00191	<0.00191	<0.00191	<0.00477	<0.0988	5.12
DP5	01/09/08	19.5-20	<0.00198	<0.00198	<0.00198	<0.00496	<0.0958	<3.96
DP5	01/10/08	25-25.5	<0.00192	<0.00192	<0.00192	<0.00479	<0.0967	4.90b
DP5	01/10/08	30-30.5	<0.00198	<0.00198	<0.00198	<0.00494	<0.0975	5.72b
DP5	01/10/08	35-35.5	<0.00195	<0.00195	<0.00195	<0.00488	<0.0998	<3.94b
DP5	01/10/08	40-40.5	<0.00195	<0.00195	<0.00195	<0.00487	<0.0984	8.22b

TABLE 4 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 73567, 3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (feet bgs)	Concentration (mg/kg)					
			Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d
DP5	01/10/08	44.5-45	<0.00193	<0.00193	<0.00193	<0.00484	<0.0963	4.84b
DP6	01/07/08	5-5.5	<0.00199	<0.00199	<0.00199	<0.00498	<0.00951	<3.92
DP6	01/09/08	10-10.5	<0.00200	<0.00200	<0.00200	<0.00500	<0.0951	<3.99
DP6	01/09/08	15-15.5	0.00234	<0.00191	<0.00191	<0.00477	<0.0988	5.86
DP6	01/09/08	20-20.5	0.00986	0.0126	0.00237	<0.00486	<0.0996	7.57
DP6	01/09/08	25-25.5	<0.00196	<0.00196	<0.00196	<0.00489	<0.0949	4.52
DP6	01/09/08	30-30.5	<0.00195	<0.00195	<0.00195	<0.00487	<0.0988	<3.92
DP6	01/09/08	35-35.5	<0.00196	<0.00196	<0.00196	<0.00490	<0.0977	<3.96
DP6	01/09/08	40-40.5	<0.00198	<0.00198	<0.00198	<0.00496	<0.0960	<3.90
DP6	01/09/08	45-45.5	<0.00197	<0.00197	<0.00197	<0.00493	<0.0971	<3.93
DP6	01/09/08	49.5-50	<0.00195	<0.00195	<0.00195	<0.00488	<0.0973	<3.96
DP7	01/08/08	5-5.5	<0.00198	<0.00198	<0.00198	<0.00494	<0.0943	<3.99
DP7	01/14/08	10-10.5	<0.00200	<0.00200	<0.00200	<0.00499	<0.100	<3.91b
DP7	01/14/08	14.5-15	<0.00196	<0.00196	<0.00196	<0.00491	<0.0967	<3.97b
DP7	01/14/08	19.5-20	<0.00200	<0.00200	<0.00200	<0.00500	<0.0975	<3.98b
DP7	01/14/08	25-25.5	0.012	0.0158	0.00326	0.00586	<0.0943	<3.88[b]
DP7	01/14/08	30-30.5	<0.00196	<0.00196	<0.00196	<0.00490	<0.0977	<3.92b
DP7	01/14/08	35-35.5	<0.00200	0.0104	<0.00200	0.00629	<0.0992	<3.92b
DP7	01/14/08	39.5-40	<0.00199	<0.00199	<0.00199	<0.00498	<0.0986	<3.94b
DP7	01/14/08	45-45.5	<0.00197	<0.00197	<0.00197	<0.00492	<0.0988	<3.91b
DP7	01/14/08	49.5-50	<0.00195	<0.00195	<0.00195	<0.00486	<0.0988	<3.96b
DP8	01/07/08	5.5-6	<0.00198	<0.00198	<0.00198	<0.00495	<0.0949	<3.87
DP8	01/10/08	10-10.5	<0.00197	<0.00197	<0.00197	<0.00493	<5.00	<3.95b
DP8	01/10/08	15-15.5	<0.00199	<0.00199	<0.00199	<0.00498	<5.00	5.74b
DP8	01/10/08	20-20.5	<0.00197	<0.00197	<0.00197	<0.00493	<5.00	4.75b
DP8	01/10/08	25-25.5	<0.00197	<0.00197	<0.00197	<0.00493	<5.00	5.82b
DP8	01/10/08	29.5-30	<0.00198	<0.00198	<0.00198	<0.00495	<5.00	<3.92b
DP8	01/10/08	35-35.5	<0.00192	<0.00192	<0.00192	<0.00479	<5.00	<3.86b
DP8	01/11/08	50-50.5	<0.00192	<0.00192	<0.00192	<0.00480	<0.0963	<3.94
DP8	01/11/08	54.5-55	<0.00189	<0.00189	<0.00189	<0.00473	<0.0952	<3.94

TABLE 4 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 73567,
3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

Sample ID	Date	Depth (feet bgs)	Concentration (mg/kg)					
			Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-g	TPH-d
DP9	01/08/08	5-5.5	<0.00189	<0.00189	<0.00189	<0.00472	<0.0952	<3.89
DP9	01/14/08	10-10.5	0.00759	<0.00194	0.809	0.00584	0.486	4.37b
DP9	01/14/08	15-15.5	0.0185	0.00526	16.1	16.6	73.5	8.75b
DP9	01/14/08	19.5-20	0.0466	0.00347	6.75	0.0886	29.6	<3.99b
DP9	01/14/08	25-25.5	0.0162	0.00506	0.139	0.00834	118	<3.95b
DP9	01/15/08	30-30.5	0.00859	<0.00195	0.108	<0.00488	14	<3.97b
DP9	01/15/08	35-35.5	0.097	<0.00195	1.09	<0.00488	12.5	<3.94b
DP9	01/15/08	40-40.5	0.0315	<0.00198	0.0891	0.00585	11	<3.95[c]
DP9	01/15/08	45-45.5	0.0149	<0.00199	0.0495	<0.00497	<5.00	<3.90[c]
DP9	01/15/08	50-50.5	<0.00195	<0.00195	<0.00195	<0.00488	<5.00	<3.89[c]
DP9	01/15/08	54.5-55	<0.00189	<0.00189	<0.00189	<0.00472	<5.00	<3.95[c]

Notes:

a Estimated value below reported limit.
b The chromatographic pattern is not consistent with diesel fuel.

bgs Below ground surface.
mg/kg Milligrams per kilogram.
TPH-d Total Petroleum Hydrocarbons as diesel analyzed using EPA Method 8015M.
TPH-g Total Petroleum Hydrocarbons as gasoline analyzed using EPA Method 8015M.
UST Underground storage tank.

< Less than the detection limit indicated.
-- Not analyzed/Not applicable.

TABLE 5 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES
FORMER EXXON SERVICE STATION 73567,3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

			Concentration												
			(mg/kg)												(µg/kg)
Sample ID	Date	Depth (feet bgs)	MTBE	TBA	TAME	DIPE	1,2-DCA	EDB	ETBE	Ethanol	Total Lead	TRPH	HVOCs	SVOCs	VOCs
UST Replacement															
S-13-T1E	12/20/88	13	--	--	--	--	--	--	--	--	--	--	--	--	--
S-13-T1W	12/20/88	13	--	--	--	--	--	--	--	--	--	--	--	--	--
S-13-T2E	12/20/88	13	--	--	--	--	--	--	--	--	--	--	--	--	--
S-13-T2W	12/20/88	13	--	--	--	--	--	--	--	--	--	--	--	--	--
S-13-T3E	12/20/88	13	--	--	--	--	--	--	--	--	--	--	--	--	--
S-13-T3W	12/20/88	13	--	--	--	--	--	--	--	--	--	--	--	--	--
S-16-T1E	12/30/88	16	--	--	--	--	--	--	--	--	--	--	--	--	--
S-14-T2W	12/30/88	14	--	--	--	--	--	--	--	--	--	--	--	--	--
S-17-T3W	12/30/88	17	--	--	--	--	--	--	--	--	--	--	--	--	--
Monitoring Well Installation															
S-10-B1	11/11/98	10	<0.025	--	--	--	--	--	--	--	--	<50	--	ND	ND
S-15-B1	11/11/98	15	<0.025	--	--	--	--	--	--	--	--	<50	--	ND	ND
S-35-B1	11/11/98	35	<0.025	--	--	--	--	--	--	--	--	<50	--	ND	ND
S-15-B2	11/11/98	15	<0.025	--	--	--	--	--	--	--	--	--	--	--	--
S-35-B2	11/11/98	35	<0.025	--	--	--	--	--	--	--	--	--	--	--	--
S-15-B3	11/12/98	15	<0.025	--	--	--	--	--	--	--	--	--	--	--	--
S-25-B3	11/12/98	25	<0.025	--	--	--	--	--	--	--	--	--	--	--	--
S-15-B4	11/12/98	15	<0.025	--	--	--	--	--	--	--	--	--	--	--	--
S-25-B4	11/12/98	25	<0.025	--	--	--	--	--	--	--	--	--	--	--	--
S-16-MW5	07/18/00	16	<0.001	--	--	--	--	--	--	--	--	--	--	--	--
S-30-MW5	07/18/00	30	<0.001	--	--	--	--	--	--	--	--	--	--	--	--
S-18-MW6	07/19/00	18	<0.001	--	--	--	--	--	--	--	--	--	--	--	--
S-30-MW6	07/19/00	30	<0.001	--	--	--	--	--	--	--	--	--	--	--	--
S-15-MW7	07/18/00	15	<0.001	--	--	--	--	--	--	--	--	--	--	--	--
S-21-MW7	07/18/00	21	0.001	--	--	--	--	--	--	--	--	--	--	--	--
S-15-MW8	03/16/01	15	<0.001	--	--	--	--	--	--	--	--	--	--	--	--
S-30-MW8	03/16/01	30	<0.0017	--	--	--	--	--	--	--	--	--	--	--	--
Product Line and Dispenser Replacement															
S-5.5-D1	08/09/02	5.5	0.0073	--	--	--	--	--	--	--	--	--	--	--	ND
S-6.5-PL1	08/09/02	6.5	0.0098	--	--	--	--	--	--	--	--	--	--	--	ND
S-4-PL3	08/09/02	4	0.0072	--	--	--	--	--	--	--	--	--	--	--	ND

TABLE 5 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES
FORMER EXXON SERVICE STATION 73567,3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

			Concentration (mg/kg)												Concentration (µg/kg)
Sample ID	Date	Depth (feet bgs)	MTBE	TBA	TAME	DIPE	1,2-DCA	EDB	ETBE	Ethanol	Total Lead	TRPH	HVOCs	SVOCs	VOCs
S-5-D5	08/09/02	5	0.0625	--	--	--	--	--	--	--	--	--	--	--	ND
S-4-PL5	08/09/02	4	0.0222	--	--	--	--	--	--	--	--	--	--	--	ND
S-4.5-PL7	08/09/02	4.5	0.0148	--	--	--	--	--	--	--	--	--	--	--	ND
S-5-PL8	08/09/02	5	0.189	--	--	--	--	--	--	--	--	--	--	--	ND
S-6-PL10	08/09/02	6	<0.0200	--	--	--	--	--	--	--	--	--	--	--	ND
Stockpile Samples															
SP1-1 (1-4)	11/12/98	1	<0.025	--	--	--	--	--	--	--	<5	<50	ND	--	--
SP-1-1	07/19/00	1	--	--	--	--	--	--	--	--	5.64	--	0.0023a	--	--
SP-1-(1-4)	03/16/01	1	<0.0022	--	--	--	--	--	--	--	8.11	--	ND	--	--
2008 Investigation															
DP1	01/08/08	5-5.5	<0.00199	<0.498	<0.00199	<0.00199	<0.00199	<0.00199	<0.00498	<0.199	8.46	--	--	--	--
DP1	01/16/08	10-10.5	<0.00195	<0.0488	<0.00195	<0.00195	<0.00195	<0.00195	<0.00488	--	6.74	--	--	--	--
DP1	01/16/08	15-15.5	<0.00199	<0.0498	<0.00199	<0.00199	<0.00199	<0.00199	<0.00498	--	9.81	--	--	--	--
DP1	01/16/08	19.5-20	<0.00193	<0.0482	<0.00193	<0.00193	<0.00193	<0.00193	<0.00482	--	8.57	--	--	--	--
DP1	01/16/08	25-25.5	<0.00197	<0.0492	<0.00197	<0.00197	<0.00197	<0.00197	<0.00492	--	7.30	--	--	--	--
DP1	01/16/08	29.5-30	<0.00193	<0.0483	<0.00193	<0.00193	<0.00193	<0.00193	<0.00483	--	10.8	--	--	--	--
DP1	01/16/08	35-35.5	<0.00196	<0.0491	<0.00196	<0.00196	<0.00196	<0.00196	<0.00491	--	0.0379	--	--	--	--
DP1	01/16/08	39.5-40	<0.00196	<0.0489	<0.00196	<0.00196	<0.00196	<0.00196	<0.00489	--	7.28	--	--	--	--
DP1	01/16/08	44.5-45	<0.00200	<0.0500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	--	7.60	--	--	--	--
DP1	01/16/08	49.5-50	<0.00192	<0.0479	<0.00192	<0.00192	<0.00192	<0.00192	<0.00479	--	4.12	--	--	--	--
DP2	01/08/08	5-5.5	<0.00200	<0.0500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	<0.200	7.71	--	--	--	--
DP2	02/04/08	9.5-10	<0.00197	<0.0492	<0.00197	<0.00197	<0.00197	<0.00197	<0.00492	<0.197	6.41	--	--	--	--
DP2	02/04/08	14.5-15	<0.00200	<0.0500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	<0.200	11.1	--	--	--	--
DP2	02/04/08	19.5-20	<0.00196	<0.0489	<0.00196	<0.00196	<0.00196	<0.00196	<0.00489	<0.196	8.16	--	--	--	--
DP2	02/04/08	25-25.5	<0.00193	<0.0482	<0.00193	<0.00193	<0.00193	<0.00193	<0.00482	<0.193	7.89	--	--	--	--
DP2	02/04/08	30-30.5	<0.00200	<0.0500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	<0.200	8.13	--	--	--	--
DP2	02/04/08	35-35.5	0.00268	<0.0490	<0.00196	<0.00196	<0.00196	<0.00196	<0.00490	<0.196	8.36	--	--	--	--
DP2	02/04/08	40-40.5	<0.00198	<0.0495	<0.00198	<0.00198	<0.00198	<0.00198	<0.00495	<0.198	9.58	--	--	--	--
DP2	02/04/08	44.5-45	<0.00191	<0.0477	<0.00191	<0.00191	<0.00191	<0.00191	<0.00477	<0.191	7.88	--	--	--	--
DP2	02/05/08	50-50.5	<0.00199	<0.0498	<0.00199	<0.00199	<0.00199	<0.00199	<0.00498	--	4.66	--	--	--	--
DP2	02/05/08	54.5-55	<0.00196	<0.0490	<0.00196	<0.00196	<0.00196	<0.00196	<0.00490	--	6.23	--	--	--	--

TABLE 5 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES
FORMER EXXON SERVICE STATION 73567,3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

			Concentration												
			(mg/kg)												(µg/kg)
Sample ID	Date	Depth (feet bgs)	MTBE	TBA	TAME	DIPE	1,2-DCA	EDB	ETBE	Ethanol	Total Lead	TRPH	HVOCs	SVOCs	VOCs
DP2	02/05/08	59.5-60	<0.00198	<0.0496	<0.00198	<0.00198	<0.00198	<0.00198	<0.00496	--	5.24	--	--	--	--
DP3	01/09/08	5-5.5	<0.00200	<0.0500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	--	13.5	--	--	--	--
DP3	02/05/08	10-10.5	0.00411	<0.0490	<0.00196	<0.00196	<0.00196	<0.00196	<0.00490	--	6.28	--	--	--	--
DP3	02/05/08	15-15.5	0.00360	<0.0499	<0.00200	<0.00200	<0.00200	<0.00200	<0.00499	--	10.8	--	--	--	--
DP3	02/05/08	20-20.5	<0.00193	<0.0482	<0.00193	<0.00193	<0.00193	<0.00193	<0.00482	--	8.16	--	--	--	--
DP3	02/05/08	25-25.5	<0.00197	<0.0492	<0.00197	<0.00197	<0.00197	<0.00197	<0.00492	--	9.27	--	--	--	--
DP3	02/05/08	29.5-30	<0.00198	<0.0494	<0.00198	<0.00198	<0.00198	<0.00198	<0.00494	--	7.62	--	--	--	--
DP3	02/05/08	34.5-35	<0.00195	<0.0486	<0.00195	<0.00195	<0.00195	<0.00195	<0.00486	--	7.37	--	--	--	--
DP3	02/05/08	39.5-40	<0.00193	<0.0483	<0.00193	<0.00193	<0.00193	<0.00193	<0.00483	--	9.74	--	--	--	--
DP3	02/06/08	45-45.5	<0.00193	<0.0483	<0.00193	<0.00193	<0.00193	<0.00193	<0.00483	--	8.64	--	--	--	--
DP3	02/06/08	49.5-50	<0.00200	<0.0499	<0.00200	<0.00200	<0.00200	<0.00200	<0.00499	--	3.94	--	--	--	--
DP3	02/06/08	55-55.5	<0.00199	<0.0497	<0.00199	<0.00199	<0.00199	<0.00199	<0.00497	--	7.62	--	--	--	--
DP4	01/09/08	5-5.5	0.00375	<0.0480	<0.00192	<0.00192	<0.00192	<0.00192	<0.00480	--	12.4	--	--	--	--
DP4	02/12/08	10-10.5	0.0145	<0.0487	<0.00195	<0.00195	<0.00195	<0.00195	<0.00487	<0.195	5.89	--	--	--	--
DP4	02/12/08	15-15.5	0.0142	<0.0500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	<0.200	8.85	--	--	--	--
DP4	02/12/08	20-20.5	<0.00197	<0.0492	<0.00197	<0.00197	<0.00197	<0.00197	<0.00492	<0.197	9.17	--	--	--	--
DP4	02/12/08	25-25.5	<0.00197	<0.0493	<0.00197	<0.00197	<0.00197	<0.00197	<0.00493	<0.197	7.61	--	--	--	--
DP4	02/12/08	30-30.5	<0.00196	<0.0489	<0.00196	<0.00196	<0.00196	<0.00196	<0.00489	<0.196	8.74	--	--	--	--
DP4	02/12/08	35-35.5	<0.00198	<0.0495	<0.00198	<0.00198	<0.00198	<0.00198	<0.00495	<0.198	7.26	--	--	--	--
DP4	02/12/08	40.5-41	0.00292	<0.0472	<0.00189	<0.00189	<0.00189	<0.00189	<0.00472	<0.189	6.48	--	--	--	--
DP5	01/07/08	5-5.5	<0.00200	<0.0499	<0.00200	<0.00200	<0.00200	<0.00200	<0.00499	--	9.51	--	--	--	--
DP5	01/09/08	10-10.5	<0.00197	<0.0493	<0.00197	<0.00197	<0.00197	<0.00197	<0.00493	--	7.96	--	--	--	--
DP5	01/09/08	15-15.5	<0.00191	<0.0477	<0.00191	<0.00191	<0.00191	<0.00191	<0.00477	--	10.0	--	--	--	--
DP5	01/09/08	19.5-20	<0.00198	<0.0496	<0.00198	<0.00198	<0.00198	<0.00198	<0.00496	--	7.74	--	--	--	--
DP5	01/10/08	25-25.5	<0.00192	<0.0479	<0.00192	<0.00192	<0.00192	<0.00192	<0.00479	<0.192	8.73	--	--	--	--
DP5	01/10/08	30-30.5	<0.00198	<0.0494	<0.00198	<0.00198	<0.00198	<0.00198	<0.00494	<0.198	9.92	--	--	--	--
DP5	01/10/08	35-35.5	<0.00195	<0.0488	<0.00195	<0.00195	<0.00195	<0.00195	<0.00488	<0.195	6.57	--	--	--	--
DP5	01/10/08	40-40.5	0.00820	<0.0487	<0.00195	<0.00195	<0.00195	<0.00195	<0.00487	<0.195	9.04	--	--	--	--
DP5	01/10/08	44.5-45	<0.00193	<0.0484	<0.00193	<0.00193	<0.00193	<0.00193	<0.00484	<0.193	8.45	--	--	--	--
DP6	01/07/08	5-5.5	<0.00199	<0.0498	<0.00199	<0.00199	<0.00199	<0.00199	<0.00498	--	59.9	--	--	--	--

TABLE 5 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES
FORMER EXXON SERVICE STATION 73567,3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

			Concentration												
			(mg/kg)												(µg/kg)
Sample ID	Date	Depth (feet bgs)	MTBE	TBA	TAME	DIPE	1,2-DCA	EDB	ETBE	Ethanol	Total Lead	TRPH	HVOCs	SVOCs	VOCs
DP6	01/09/08	10-10.5	<0.00200	<0.0500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	--	6.51	--	--	--	--
DP6	01/09/08	15-15.5	<0.00191	<0.0477	<0.00191	<0.00191	<0.00191	<0.00191	<0.00477	--	7.43	--	--	--	--
DP6	01/09/08	20-20.5	<0.00195	<0.0486	<0.00195	<0.00195	<0.00195	<0.00195	<0.00486	--	7.52	--	--	--	--
DP6	01/09/08	25-25.5	<0.00196	<0.0489	<0.00196	<0.00196	<0.00196	<0.00196	<0.00489	--	9.15	--	--	--	--
DP6	01/09/08	30-30.5	<0.00195	<0.0487	<0.00195	<0.00195	<0.00195	<0.00195	<0.00487	--	11.1	--	--	--	--
DP6	01/09/08	35-35.5	<0.00196	<0.0490	<0.00196	<0.00196	<0.00196	<0.00196	<0.00490	<0.196	6.78	--	--	--	--
DP6	01/09/08	40-40.5	<0.00198	<0.0496	<0.00198	<0.00198	<0.00198	<0.00198	<0.00496	<0.198	5.35	--	--	--	--
DP6	01/09/08	45-45.5	<0.00197	<0.0493	<0.00197	<0.00197	<0.00197	<0.00197	<0.00493	<0.197	7.38	--	--	--	--
DP6	01/09/08	49.5-50	<0.00195	<0.0488	<0.00195	<0.00195	<0.00195	<0.00195	<0.00488	<0.195	3.58	--	--	--	--
DP7	01/08/08	5-5.5	<0.00198	<0.0494	<0.00198	<0.00198	<0.00198	<0.00198	<0.00494	<0.198	5.08	--	--	--	--
DP7	01/14/08	10-10.5	<0.00200	<0.0499	<0.00200	<0.00200	<0.00200	<0.00200	<0.00499	--	5.63	--	--	--	--
DP7	01/14/08	14.5-15	<0.00196	<0.0491	<0.00196	<0.00196	<0.00196	<0.00196	<0.00491	--	9.27	--	--	--	--
DP7	01/14/08	19.5-20	<0.00200	<0.0500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	--	7.87	--	--	--	--
DP7	01/14/08	25-25.5	<0.00189	<0.0473	<0.00189	<0.00189	<0.00189	<0.00189	<0.00473	--	6.36	--	--	--	--
DP7	01/14/08	30-30.5	<0.00196	<0.0490	<0.00196	<0.00196	<0.00196	<0.00196	<0.00490	--	9.58	--	--	--	--
DP7	01/14/08	35-35.5	0.00260	<0.0500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00500	--	8.57	--	--	--	--
DP7	01/14/08	39.5-40	<0.00199	<0.0498	<0.00199	<0.00199	<0.00199	<0.00199	<0.00498	--	8.83	--	--	--	--
DP7	01/14/08	45-45.5	0.00605	<0.0492	<0.00197	<0.00197	<0.00197	<0.00197	<0.00492	--	7.92	--	--	--	--
DP7	01/14/08	49.5-50	<0.00195	<0.0486	<0.00195	<0.00195	<0.00195	<0.00195	<0.00486	--	12.40	--	--	--	--
DP8	01/09/08	5.5-6	<0.00198	<0.0495	<0.00198	<0.00198	<0.00198	<0.00198	<0.00495	--	6.60	--	--	--	--
DP8	01/10/08	10-10.5	<0.00197	<0.0493	<0.00197	<0.00197	<0.00197	<0.00197	<0.00493	<0.197	6.37	--	--	--	--
DP8	01/10/08	15-15.5	0.00312	<0.0498	<0.00199	<0.00199	<0.00199	<0.00199	<0.00498	<0.199	9.88	--	--	--	--
DP8	01/10/08	20-20.5	<0.00197	<0.0493	<0.00197	<0.00197	<0.00197	<0.00197	<0.00493	<0.197	7.96	--	--	--	--
DP8	01/10/08	25-25.5	<0.00197	<0.0493	<0.00197	<0.00197	<0.00197	<0.00197	<0.00493	<0.197	10.3	--	--	--	--
DP8	01/10/08	29.5-30	<0.00198	<0.0495	<0.00198	<0.00198	<0.00198	<0.00198	<0.00495	<0.198	9.07	--	--	--	--
DP8	01/10/08	35-35.5	0.00585	0.0699	<0.00192	<0.00192	<0.00192	<0.00192	<0.00479	<0.192	8.91	--	--	--	--
DP8	01/11/08	50-50.5	0.00745	<0.0480	<0.00192	<0.00192	<0.00192	<0.00192	<0.00480	<0.192	7.28	--	--	--	--
DP8	01/11/08	54.5-55	<0.00189	<0.0473	<0.00189	<0.00189	<0.00189	<0.00189	<0.00473	<0.189	3.75	--	--	--	--
DP9	01/08/08	5-5.5	<0.00189	<0.0472	<0.00189	<0.00189	<0.00189	<0.00189	<0.00472	<0.189	9.74	--	--	--	--
DP9	01/14/08	10-10.5	0.0204	0.172	<0.00194	<0.00194	<0.00194	<0.00194	<0.00484	--	7.82	--	--	--	--
DP9	01/14/08	15-15.5	0.0182	<0.0481	<0.00192	<0.00192	<0.00192	<0.00192	<0.00481	--	8.99	--	--	--	--

TABLE 5 CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES
FORMER EXXON SERVICE STATION 73567,3192 SANTA RITA ROAD, PLEASANTON, CALIFORNIA

			Concentration (mg/kg)												Concentration (µg/kg)
Sample ID	Date	Depth (feet bgs)	MTBE	TBA	TAME	DIPE	1,2-DCA	EDB	ETBE	Ethanol	Total Lead	TRPH	HVOCs	SVOCs	VOCs
DP9	01/14/08	19.5-20	0.0412	0.0755	<0.00195	<0.00195	<0.00195	<0.00195	<0.00488	--	8.80	--	--	--	--
DP9	01/14/08	25-25.5	0.0444	0.0911	<0.00199	<0.00199	<0.00199	<0.00199	<0.00498	--	7.88	--	--	--	--
DP9	01/15/08	30-30.5	0.0403	<0.0488	<0.00195	<0.00195	<0.00195	<0.00195	<0.00488	<0.195	8.93	--	--	--	--
DP9	01/15/08	35-35.5	0.795	0.0877b	<0.00195	<0.00195	<0.00195	<0.00195	<0.00488	<0.195	6.71	--	--	--	--
DP9	01/15/08	40-40.5	0.565	0.0808d	<0.00198	<0.00198	<0.00198	<0.00198	<0.00494	<0.198	8.18	--	--	--	--
DP9	01/15/08	45-45.5	1.42	0.134d	<0.00199	<0.00199	<0.00199	<0.00199	<0.00497	<0.199	8.70	--	--	--	--
DP9	01/15/08	50-50.5	0.0583	<0.0488	<0.00195	<0.00195	<0.00195	<0.00195	<0.00488	<0.195	2.99	--	--	--	--
DP9	01/15/08	54.5-55	<0.00189	<0.0472	<0.00189	<0.00189	<0.00189	<0.00189	<0.00472	<0.189	5.36	--	--	--	--

Notes:

a Methylene Chloride.
b Identification based on analytical judgment.

1,2-DCA 1,2-Dichloroethane.
µg/kg Micrograms per kilogram.
bgs Below ground surface.
DIPE Diisopropyl ether.
EDB 1,2-dibromoethane.
ETBE Ethyl tertiary butyl ether.
HVOCs Halogenated volatile organic compounds.
mg/kg Milligrams per kilogram.
MTBE Methyl tertiary butyl ether.
ND Not detected (various detection limits).
SVOCs Semi-volatile organic compounds.
TAME Tertiary amyl methyl ether.
TBA Tertiary butyl alcohol.
TRPH Total Recoverable Petroleum Hydrocarbons.
UST Underground storage tank.
VOCs Volatile organic compounds.

-- Not analyzed/Not applicable.

Appendix A

Regulatory Correspondence

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

June 18, 2008

Ms. Jennifer Sedlacheck
Exxon Mobil
4096 Piedmont, #194
Oakland, CA 94611

Mr. Robert Ehlers
Valero Energy Corporation
685 West Third Street
Hanford, CA 93230

Mr. Steve Asmann
Steve Asmann Incorporated
3192 Santa Rita Road
Pleasanton, CA 94566

Subject: Fuel Leak Case No. RO0002426 and Geotracker Global ID T0600100539, Valero #3827, 3192 Santa Rita Road, Pleasanton, CA 94566

Dear Ms. Sedlacheck, Mr. Ehlers, and Mr. Asmann:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the recently submitted document entitled, "*Subsurface Investigation Report*," dated April 17, 2008 and received by ACEH on April 21, 2008. The "*Subsurface Investigation Report*," which was prepared by ETIC Engineering, Inc., presents the results from soil and groundwater sampling conducted at the site in January and February 2008. Nine soil borings were advanced at locations throughout the site for collection of soil and groundwater samples. The borings were planned to be advanced to depths of 65 feet bgs. However, the borings were advanced with direct push drilling equipment and the borings met refusal at depths ranging from 41 to 63 feet bgs. MTBE was detected in soil and groundwater at concentrations up to 1.42 milligrams per kilogram and 815 micrograms per liter, respectively.

The "*Subsurface Investigation Report*," recommends the preparation of a work plan for the installation of additional groundwater monitoring wells. Please submit a work plan for the installation of additional monitoring wells **no later than August 22, 2008**. We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Groundwater Sampling Methods.** The groundwater sampling methods differed significantly from those proposed in the "*Agency Response and Addendum to Work Plan for Additional Assessment*," dated August 15, 2007. This deviation from the work plan addendum may have affected sample quality. All future sampling must follow the methods proposed in the work plan and approved by ACEH. If cost reimbursement is requested from the UST Cleanup Fund, we recommend that the UST Cleanup Fund not reimburse costs for the grab groundwater sampling and analyses.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**ISSUE DATE:** July 5, 2005
	REVISION DATE: December 16, 2005
	PREVIOUS REVISIONS: October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.** (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to dehloptoxic@acgov.org
      or
      ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for.**

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape and Firefox browsers will not open the FTP site.
   b) Click on File, then on Login As.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload)

Appendix B

Field Investigation Protocols

PROTOCOLS FOR WELL DRILLING, COMPLETION, AND DEVELOPMENT

SUBSURFACE CLEARANCE SURVEY PROCEDURES

Prior to drilling, the proposed locations of borings will be marked with white paint. Underground Service Alert (USA) will be contacted prior to subsurface activities and a "ticket" will be issued for this investigation. USA members will mark underground utilities in the delineated areas using standard color code identifiers.

Once USA has marked the site, all proposed borehole locations will be investigated by subsurface clearance surveys to identify possible buried hazards (pipelines, drums, tanks). Subsurface clearance surveys use several geophysical methods to locate shallow buried man-made objects. The geophysical methods include electromagnetic induction (EMI) profiling, ground penetrating radar (GPR), and/or magnetic surveying. The choice of methods depends on the target object and potential interference from surrounding features.

Prior to drilling, all boreholes will be cleared of underground utilities to a depth of at least 4 feet below ground surface (bgs) in "non-critical zones" and to 8 feet bgs in "critical zones." Critical zones are defined as locations that are within 10 feet from the furthest edge of any underground storage tank (UST), within 10 feet of the product dispenser islands, the entire area between the UST field and the product dispenser islands, and within 10 feet of any suspected underground line. An 8- to 12-inch-diameter circle will be cut in the surface cover at each boring location. A hole, greater than the diameter of the drilling tool being used, will then be cleared at each boring location, using a hand auger or vacuum excavation system. The vacuum system consists of an air or water lance, used to disturb native soil by injecting water into the soil, and a vacuum, used to remove the soil.

DRILLING

Boreholes are drilled with a truck-mounted rotary drill, using hollow-stem continuous-flight augers. The diameter of the augers is selected to provide an annular space between the boring wall and the well casing of no less than 2 inches.

All augers are pressure-washed or steam-cleaned before drilling begins and before each new borehole is drilled. All drill cuttings are either placed on and covered with plastic sheeting or contained in sealed 55-gallon drums. All fluids generated during cleaning of drilling equipment are contained in sealed 55-gallon drums. All waste generated during drilling activities is stored onsite until appropriate disposal is arranged. The drums are labeled with the site description (including owner's name) and date. The drill cuttings are disposed of at a proper facility based on results of soil sample analysis.

During drilling, an ETIC geologist generates a soil boring log for each borehole. The boring logs contain detailed geological information, including descriptions of the soils classified according to the Unified Soil Classification System (USCS), blow counts for soil sampling intervals, organic vapor analyzer (OVA) readings, relative moisture content of the soils, and initial and static water levels.

SOIL SAMPLING

Soil samples are collected using a 2-inch-diameter by 18- or 24-inch-long modified California split-spoon sampler containing three or four 6-inch-long brass or stainless steel liners. The sampler and liners are scrubbed in potable water and Alconox or equivalent detergent and rinsed with potable water after use at each sampling interval.

At each sample depth, the sampler is driven 18 or 24 inches ahead of the augers into undisturbed soil. When the sampler is retrieved, either the lowermost or the middle sample liner is removed and the ends of the tube are covered with aluminum foil or Teflon tape and sealed with plastic caps. The soil-filled liner is labeled with the borehole number, sample depth, site location, date, and time. The samples are placed in zip-lock bags and stored in a cooler containing ice.

Soil from one of the liners is removed and placed in a sealed plastic bag. The soil is scanned with an OVA equipped with a flame ionization detector (FID) or photoionization detector (PID), and the readings are noted on the soil boring logs. The soil from the remaining liner(s) is examined and classified according to the Unified Soil Classification System.

Soil samples are delivered, under chain of custody, to a laboratory certified by the California Department of Health Services (DHS) for analyses.

WELL INSTALLATION

The boreholes are completed as groundwater monitoring wells, vapor extraction wells, groundwater extraction wells, or air sparging wells. The wells are typically constructed by installing Schedule 40 PVC flush-threaded casing through the inner opening of the auger. The screened interval consists of slotted casing of the appropriate slot size and length placed at depths depending on soil conditions encountered during drilling and the depth to groundwater. A threaded end plug or a slip cap secured with a stainless steel screw is placed on the bottom of the well.

A filter pack of clean sand of appropriate size is placed in the annular space around the well screen to approximately 1 to 3 feet above the top of the screen. The sand is placed through the inner opening of the augers as they are slowly removed. A transitional seal is completed above the sand pack by adding 1 to 2 feet of bentonite pellets and hydrating them with water. A surface seal is then created by placing neat cement grout containing less than 5 percent bentonite from the top of the bentonite seal to just below the ground surface.

The well is finished at the surface with a slightly raised, traffic-rated, watertight steel traffic box set in concrete. The traffic box is secured with bolts and the casing is further secured with a locking well cap.

WELL DEVELOPMENT

The wells are developed no less than 72 hours after completion or prior to establishing the bentonite seal during the drilling activities. Development typically consists of surging the screened interval of the well with a flapper valve surge block of the same diameter as the well for approximately 10 minutes. The well is then purged with a vacuum truck and a dedicated PVC stinger or disposable

tubing, an inertial pump, a submersible electric pump, a centrifugal pump, an air-lift pump, or a PVC bailer until at least 3 casing volumes are removed and the water is free of silt and apparent turbidity.

A record of the purging methods and volumes of water purged is maintained. All purge water is contained on the site in properly labeled 55-gallon drums. Purged water is transported to an appropriate treatment facility.

WELL SURVEY

The elevation of the top of the well casing is surveyed by a state licensed land surveyor. A small notch is cut in the top of the well casing to mark the survey point and establish the point used for all future water level measurements. A loop originating and ending at the datum is closed to ±0.01 feet according to standard methods.